38VMR072-336
Outdoor Unit for
Variable Refrigerant Flow (VRF) Heat Recovery System

Engineering Manual

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1. Specifications

a. 38VMA***RDS(L)5-1

Table 1 - Table Data

Model Name			38VMA072RDS5-1	38VMA096RDS5-1
Power Source		V-Ph-Hz	208/230-3-60	
Capacity Cooling*1		Btu/h	72,000	96,000
Capacity Heating*1		Btu/h	80,000	108,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-13~64	
Electrical Supply	MCA	A	43	45
	Recommended fuse Size	A	50	
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 1	
	Crankcase	W	30 x 2	
Fan	Type x Quantity		Propeller Fan x 2	
	Air flow rate	CFM	6,900	7,600
	Max. External static pressure *2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	180+180	210+210
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type		R410A	
	Factory charge	lbs.	26.5	
Dimensions		H (in)	64-3/8	
		W (in)	52-3/4	
		D (in)	31-1/8	
Net Weight		lbs	672	
Sound pressure level *3		dBA	58.4	61.7
Protective devices	High Pressure Protection		High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent Protection	
Piping Connections	Low Pressure	in.	3/4	7/8
	High Pressure	in.	5/8	3/4
Indoor unit	Total capacity *4		50%-150%	
	Quantity (MAX)		15	20
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.			

Table 2 - Table Data

Model Name			38VMA120RDS5-1	38VMA144RDL5-1
Power Source		V-Ph-Hz	208/230-3-60	
Capacity Cooling*1		Btu/h	120,000	144,000
Capacity Heating*1		Btu/h	126,000	160,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-13~64	
Electrical Supply	MCA	A	46	70
	Recommended fuse Size	A	50	80
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 1	INVERTER-driven Scroll Hermetic x 2
	Crankcase	W	30 x 2	30 x 4
Fan	Type x Quantity		Propeller Fan x 2	
	Air flow rate	CFM	8,100	10,100
	Max. External static pressure *2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	250 + 250	260 + 260
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type		R410A	
	Factory charge	lbs.	26.5	44.2
Dimensions		H (in.)	64-3/8	64-3/8
		W (in.)	52-3/4	78-3/8
		D (in.)	31-1/8	31-1/8
Net Weight		lbs	672	1137
Sound pressure level *3		dBA	62.7	63.3
Protective devices	High Pressure Protection		High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection	
Piping Connections	Low Pressure	in.	1-1/8	
	High Pressure	in.	3/4	7/8
Indoor unit	Total capacity *4		50%-150%	
	Quantity (MAX)		24	29
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.			

Table 3 - Table Data

Model Name				**38VMA168RDS5-1**	**38VMA192RDS5-1**
Power Source			V-Ph-Hz	208/230-3-60	
Capacity Cooling*1			Btu/h	168,000	192,000
Capacity Heating*1			Btu/h	188,000	215,000
Operating Range Cooling	Indoor		WB°F	59~75	
	Outdoor		DB°F	5~125	
Operating Range Heating	Indoor		DB°F	54~86	
	Outdoor		WB°F	-13~64	
Electrical Supply	MCA		A	70	71
	Recommended Fuse Size		A	80	
Compressor	Type x Quantity			INVERTER-driven Scroll Hermetic x 2	
	Crankcase		W	30 x 4	
Fan	Type x Quantity			Propeller Fan x 2	
	Air flow rate		CFM	10,100	11,300
	Max. External static pressure *2			0.24 in. WG	
Fan Motor	Type			Brushless DC MOTOR	
	Output		W	260 + 260	340 + 340
Heat Exchanger				Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type			R410A	
	Factory charge		lbs.	44.2	
Dimensions			H (in.)	64-3/8	
			W (in.)	78-3/8	
			D (in.)	31-1/8	
Net Weight			lbs	1,137	
Sound pressure level *3			dBA	63.3	64.9
Protection devices	High Pressure Protection			High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)			Overheat and Overcurrent protection	
Connecting Pipes	Low Pressure		in.	1-1/8	
	High Pressure		in.	7/8	
Indoor unit connectable	Total capacity *4			50%-150%	
	Quantity(MAX unit number)			34	39
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.				

Table 4 - Table Data

Model Name			**38VMA216RDS5-1**	**38VMA240RDS5-1**
Power Source		V-Ph-Hz	208/230-3-60	
Capacity Cooling*1		Btu/h	216,000	240,000
Capacity Heating*1		Btu/h	243,000	257,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-13~64	
Electrical Supply	MCA	A	81	
	Recommended Fuse Size	A	100	
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 2	
	Crankcase	W	30 x 4	
Fan	Type x Quantity		Propeller Fan x 2	
	Air flow rate	CFM	12,300	
	Max. External static pressure *2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	440 + 440	
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type		R410A	
	Factory charge	lbs.	44.2	
Dimensions		H (in.)	64-3/8	
		W (in.)	78-3/8	
		D (in.)	31-1/8	
Net Weight		lbs	1,137	
Sound pressure level *3		dBA	67.1	
Protective devices	High Pressure Protection		High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection	
Piping Connections	Low Pressure	in.	1-1/8	1-3/8
	High Pressure	in.	1-1/8	
Indoor unit	Total capacity *4		50%-150%	
	Quantity (MAX)		44	49
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.			

Table 5 - Table Data

Model Name			**38VMA240RDL5-1**	**38VMA264RDS5-1**
Power Source		V-Ph-Hz	208/230-3-60	
Capacity Cooling*1		Btu/h	240,000	264,000
Capacity Heating*1		Btu/h	270,000	295,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-13~64	
Electrical Supply	MCA	A	101	104
	Recommended Fuse Size	A	110	
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 3	
	Crankcase	W	30 x 6	
Fan	Type x Quantity		Propeller Fan x 4	
	Air flow rate	CFM	14,500	15,500
	Max. External static pressure *2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	225 x 4	265 x 4
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type		R410A	
	Factory charge	lbs.	77.2	
Dimensions		H (in.)	64-3/8	
		W (in.)	105-7/8	
		D (in.)	31-1/8	
Net Weight		lbs	1,627	
Sound pressure level *3		dBA	63.9	64.8
Protective devices	High Pressure Protection		High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection	
Piping Connections	Low Pressure	in.	1-3/8	
	High Pressure	in.	1-1/8	
Indoor unit	Total capacity *4		50%-150%	
	Quantity (MAX)		49	54
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.			

Table 6 - Table Data

Model Name			**38VMA288RDS5-1**	**38VMA312RDS5-1**
Power Source		V-Ph-Hz	208/230-3-60	
Capacity Cooling*1		Btu/h	288,000	312,000
Capacity Heating*1		Btu/h	323,000	343,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-13~64	
Electrical Supply	MCA	A	104	106
	Recommended Fuse Size	A	110	
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 3	
	Crankcase	W	30 x 6	
Fan	Type x Quantity		Propeller Fan x 4	
	Air flow rate	CFM	15,500	16,500
	Max. External static pressure *2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	265 x 4	310 x 4
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type		R410A	
	Factory charge	lbs	77.2	
Dimensions		H (in.)	64-3/8	
		W (in.)	105-7/8	
		D (in.)	31-1/8	
Net Weight		lbs	1,627	
Sound pressure level *3		dBA	64.8	66.4
Protection devices	High Pressure Protection		High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection	
Connecting Pipes	Low Pressure	in.	1-3/8	1-5/8
	High Pressure	in.	1-1/8	
Indoor unit	Total capacity *4		50%-150%	
	Quantity (MAX)		59	64
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.			

Table 7 - Table Data

Model Name			**38VMA336RDS5-1**
Power Source		V-Ph-Hz	208/230-3-60
Capacity Cooling*1		Btu/h	336,000
Capacity Heating*1		Btu/h	353,000
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-13~64
Electrical Supply	MCA	A	106
	Recommended Fuse Size	A	110
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 3
	Crankcase	W	30 x 6
Fan	Type x Quantity		Propeller Fan x 4
	Air flow rate	CFM	16,500
	Max. External static pressure*2		0.24 in. WG
Fan Motor	Type		Brushless DC MOTOR
	Output	W	310 x 4
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin
Refrigerant	Type		R410A
	Factory charge	lbs.	77.2
Dimensions		H (in.)	64-3/8
		W (in.)	105-7/8
		D (in.)	31-1/8
Net Weight		lbs	1,627
Sound pressure level *3		dBA	67.2
Protective devices	High Pressure Protection		High pressure switch at 4.0MPa
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection
Piping Connections	Low Pressure	in.	1-5/8
	High Pressure	in.	1-1/8
Indoor unit	Total capacity*4		50%-150%
	Quantity (MAX)		64

Remark

*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard.
Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db
Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb
Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.
*2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG
*3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions.
*4 Refer to section I.3, Combination Ratio Restrictions.

b. 38VMA***RDS(L)6-1

Table 8 - Table Data

Model Name			38VMA072RDS6-1	38VMA096RDS6-1
Power Source		V-Ph-Hz	460-3-60	
Capacity Cooling*1		Btu/h	72,000	96,000
Capacity Heating*1		Btu/h	80,000	108,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-13~64	
Electrical Supply	MCA	A	20	22
	Recommended Fuse Size	A	30	
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 1	
	Crankcase	W	30 x 2	
Fan	Type x Quantity		Propeller Fan x 2	
	Air flow rate	CFM	6,900	7,600
	Max. External static pressure*2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	180 + 180	210 + 210
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type		R410A	
	Factory charge	lbs.	26.5	
Dimensions		H (in.)	64-3/8	
		W (in.)	52-3/4	
		D (in.)	31-1/8	
Net Weight		lbs	672	
Sound pressure level *3		dB <A>	58.4	61.7
Protective devices	High Pressure Protection		High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection	
Piping Connections	Low Pressure	in.	3/4	7/8
	High Pressure	in.	5/8	3/4
Indoor unit	Total capacity *4		50%-150%	
	Quantity (MAX)		15	20
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.			

Table 9 - Table Data

Model Name			**38VMA120RDS6-1**	**38VMA144RDL6-1**
Power Source		V-Ph-Hz	460-3-60	
Capacity Cooling*1		Btu/h	120,000	144,000
Capacity Heating*1		Btu/h	126,000	160,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-13~64	
Electrical Supply	MCA	A	22	35
	Recommended Fuse Size	A	30	40
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 1	INVERTER-driven Scroll Hermetic x 2
	Crankcase	W	30 x 2	30 x 4
Fan	Type x Quantity		Propeller Fan x 2	
	Air flow rate	CFM	8,100	10,100
	Max. External static pressure *2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	250 + 250	260 + 260
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type		R410A	
	Factory charge	lbs.	26.5	44.2
Dimensions H x W x D		H (in.)	64-3/8	64-3/8
		W (in.)	52-3/4	78-3/8
		D (in.)	31-1/8	31-1/8
Net Weight		lbs.	672	1137
Sound pressure level *3		dBA	62.7	63.3
Protective devices	High Pressure Protection		High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection	
Piping Connections	Low Pressure	in.	1-1/8	
	High Pressure	in.	3/4	7/8
Indoor unit	Total capacity *4		50%-150%	
	Quantity (MAX)		24	29

Remark

*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard.
Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db
Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb
Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.
*2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG
*3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions.
*4 Refer to section I.3, Combination Ratio Restrictions.

Table 10 - Table Data

Model Name				38VMA168RDS6-1	38VMA192RDS6-1
Power Source			V-Ph-Hz	460-3-60	
Capacity Cooling*1			Btu/h	168,000	192,000
Capacity Heating*1			Btu/h	188,000	215,000
Operating Range Cooling	Indoor		WB°F	59~75	
	Outdoor		DB°F	5~125	
Operating Range Heating	Indoor		DB°F	54~86	
	Outdoor		WB°F	-13~64	
Electrical Supply	MCA		A	35	
	Recommended Fuse Size		A	40	
Compressor	Type x Quantity			INVERTER-driven Scroll Hermetic x 2	
	Crankcase		W	30 x 4	
Fan	Type x Quantity			Propeller Fan x 2	
	Air flow rate		CFM	10,100	11,300
	Max. External static pressure *2			0.24 in. WG	
Fan Motor	Type			Brushless DC MOTOR	
	Output		W	260 + 260	340 + 340
Heat Exchanger				Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type			R410A	
	Factory charge		lbs.	44.2	
Dimensions			H (in.)	64-3/8	
			W (in.)	78-3/8	
			D (in.)	31-1/8	
Net Weight			lbs	1,137	
Sound pressure level*3			dBA	63.3	64.9
Protective devices	High Pressure Protection			High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)			Overheat and Overcurrent protection	
Piping Connections	Low Pressure		in.	1-1/8	
	High Pressure		in.	7/8	
Indoor unit	Total capacity*4			50%-150%	
	Quantity (MAX)			34	39

Remark

*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard.
Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db
Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb
Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.
*2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG
*3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions.
*4 Refer to section I.3, Combination Ratio Restrictions.

Table 11 - Table Data

Model Name			**38VMA216RDS6-1**	**38VMA240RDS6-1**
Power Source		V-Ph-Hz	460-3-60	
Capacity Cooling*1		Btu/h	216,000	240,000
Capacity Heating*1		Btu/h	243,000	257,000
Operating Range Cooling	Indoor	WB°F	59~75	59~75
	Outdoor	DB°F	5~125	5~125
Operating Range Heating	Indoor	DB°F	54~86	54~86
	Outdoor	WB°F	-13~64	-13~64
Electrical Supply	MCA	A	38	38
	Recommended Fuse Size	A	40	40
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 2	
	Crankcase	W	30 x 4	30 x 4
Fan	Type x Quantity		Propeller Fan x 2	
	Air flow rate	CFM	12,300	12,300
	Max. External static pressure*2		0.24 in. WG	0.24 in. WG
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	440 + 440	440 + 440
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type		R410A	R410A
	Factory charge	lbs.	44.2	44.2
Dimensions		H (in.)	64-3/8	64-3/8
		W (in.)	78-3/8	78-3/8
		D (in.)	31-1/8	31-1/8
Net Weight		lbs.	1,137	1,137
Sound pressure level*3		dBA	67.1	67.1
Protective devices	High Pressure Protection		High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection	
Piping Connections	Low Pressure	in.	1-1/8	1-3/8
	High Pressure	in.	1-1/8	1-1/8
Indoor unit	Total capacity*4		50%-150%	50%-150%
	Quantity (MAX)		44	49
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.			

Table 12 - Table Data

Model Name				38VMA240RDL6-1	38VMA264RDS6-1
Power Source			V-Ph-Hz	460-3-60	
Capacity Cooling*1			Btu/h	240,000	264,000
Capacity Heating*1			Btu/h	270,000	295,000
Operating Range Cooling	Indoor		WB°F	59~75	
	Outdoor		DB°F	5~125	
Operating Range Heating	Indoor		DB°F	54~86	
	Outdoor		WB°F	-13~64	
Electrical Supply	MCA		A	52	54
	Recommended Fuse Size		A	60	
Compressor	Type x Quantity			INVERTER-driven Scroll Hermetic x 3	
	Crankcase		W	30 x 6	
Fan	Type x Quantity			Propeller Fan x 4	
	Air flow rate		CFM	14,500	15,500
	Max. External static pressure*2			0.24 in. WG	
Fan Motor	Type			Brushless DC MOTOR	
	Output		W	225 x 4	280 x 4
Heat Exchanger				Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type			R410A	
	Factory charge		lbs.	77.2	
Dimensions			H (in.)	64-3/8	
			W (in.)	105-7/8	
			D (D)	31-1/8	
Net Weight			lbs.	1,627	
Sound pressure level*3			dBA	64.0	65.8
Protective devices	High Pressure Protection			High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)			Overheat and Overcurrent protection	
Piping Connections	Low Pressure	in.		1-3/8	
	High Pressure	in.		1-1/8	
Indoor unit	Total capacity*4			50%-150%	
	Quantity (MAX)			49	54
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F db/67°F wb; Outdoor 95°F db Heating: Indoor 70°F db; Outdoor 47°F db/43°F wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.				

Table 13 - Table Data

Model Name			38VMA288RDS6-1	38VMA312RDS6-1
Power Source		V-Ph-Hz	460-3-60	
Capacity Cooling*1		Btu/h	288,000	312,000
Capacity Heating*1		Btu/h	323,000	343,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-13~64	
Electrical Supply	MCA	A	54	55
	Recommended Fuse Size	A	60	
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 3	
	Crankcase	W	30 x 6	30 x 6
Fan	Type x Quantity		Propeller Fan x 4	
	Air flow rate	CFM	15,500	16,500
	Max. External static pressure *2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	280 x 4	330 x 4
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Refrigerant	Type		R410A	
	Factory charge		77.2	
Dimensions		H (in.)	64-3/8	
		W (in.)	105-7/8	
		D (in.)	31-1/8	
Net Weight		lbs.	1,627	
Sound pressure level*3		dBA	65.8	66.7
Protective devices	High Pressure Protection		High pressure switch at 4.0MPa	
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection	
Piping Connections	Low Pressure	in.	1-3/8	1-5/8
	High Pressure	in.	1-1/8	
Indoor unit	Total capacity*4		50%-150%	
	Quantity (MAX)		59	64
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F (27°C) db/67°F (20°C) wb; Outdoor 95°F (35°C) db Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db/43°F (6°C) wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.			

Table 14 - Table Data

Model Name			**38VMA336RDS6-1**
Power Source		V-Ph-Hz	460-3-60
Capacity Cooling*1		Btu/h	336,000
Capacity Heating*1		Btu/h	357,000
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-13~64
Electrical Supply	MCA	A	55
	Recommended Fuse Size	A	60
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 3
	Crankcase	W	30x6
Fan	Type x Quantity		Propeller Fan x 4
	Air flow rate	CFM	16,500
	Max. External static pressure*2		0.24 in. WG
Fan Motor	Type		Brushless DC MOTOR
	Output	W	330 x 4
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin
Refrigerant	Type		R410A
	Factory charge	lbs.	77.2
Dimensions H x W x D		H (in.)	64-3/8
		W (in.)	105-7/8
		D (in.)	31-1/8
Net Weight		lbs.	1,627
Sound pressure level*3		dBA	67.2
Protection devices	High Pressure Protection		High pressure switch at 4.0MPa
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent protection
Connecting Pipes	Low Pressure	in.	1-5/8
	High Pressure	in.	1-1/8
Indoor unit connectable	Total capacity*4		50%-150%
	Quantity(MAX unit number)		64
Remark	*1 Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 1230 Standard. Cooling: Indoor 80°F (27°C) db/67°F (20°C) wb; Outdoor 95°F (35°C) db Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db/43°F (6°C) wb Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *2 ESP can vary by menu settings from 0in.WG (Default), 0.08 in. WG, 0.16 in. WG to 0.24 in. WG *3 These values, measured in anechoic chamber, are normally somewhat higher as a result of actual ambient conditions. *4 Refer to section I.3, Combination Ratio Restrictions.		

2. Performance Data

a. Ducted

Table 15 – Performance Data - Ducted

Outdoor Unit Model	Rating cooling capacity *1	EER (Btu/W)	IEER	Rating heating capacity *2	COP (W/W)	SCHE
38VMA072RDS5-1 (RDS6-1)	69,000	13.2	24.2	77,000	3.85	27.4
38VMA096RDS5-1 (RDS6-1)	92,000	12.4	24.3	103,000	3.63	27.7
38VMA120RDS5-1 (RDS6-1)	114,000	11.4	23.2	120,000	3.45	26.7
38VMA144RDL5-1 (RDL6-1)	136,000	12.3	24.0	150,000	3.60	26.5
38VMA168RDS5-1 (RDS6-1)	158,000	11.5	22.9	180,000	3.54	25.2
38VMA192RDS5-1 (RDS6-1)	182,000	11.1	23.6	204,000	3.33	25.5
38VMA216RDS5-1 (RDS6-1)	204,000	11.0	21.7	222,000	3.29	26.5
38VMA240RDS5-1 (RDS6-1)	220,000	10.4	21.0	236,000	3.20	26.5
38VMA240RDL5-1 (RDL6-1)	228,000	11.0	21.1	256,000	3.57	28.0
38VMA264RDS5-1 (RDS6-1)	248,000	10.4	21.0	282,000	3.49	27.5
38VMA288RDS5-1 (RDS6-1)	274,000	9.8	20.5	298,000	3.42	27.0
38VMA312RDS5-1 (RDS6-1)	296,000	9.5	19.8	314,000	3.36	26.5
38VMA336RDS5-1 (RDS6-1)	308,000	9.3	19.0	322,000	3.23	25.5

b. Non-ducted

Table 16 - Performance Data - Non-ducted

Outdoor Unit Model	Rating cooling capacity *1	EER (Btu/W)	IEER	Rating heating capacity *2	COP (W/W)	SCHE
38VMA072RDS5-1 (RDS6-1)	69,000	14.1	24.6	77,000	4.37	30.0
38VMA096RDS5-1 (RDS6-1)	92,000	13.2	23.7	103,000	3.82	30.0
38VMA120RDS5-1 (RDS6-1)	114,000	11.4	22.8	120,000	3.45	30.0
38VMA144RDL5-1 (RDL6-1)	136,000	13.0	24.4	150,000	3.98	26.5
38VMA168RDS5-1 (RDS6-1)	158,000	11.8	23.1	180,000	3.59	27.0
38VMA192RDS5-1 (RDS6-1)	182,000	11.3	23.9	204,000	3.38	28.2
38VMA216RDS5-1 (RDS6-1)	204,000	11.2	23.0	222,000	3.34	27.3
38VMA240RDS5-1 (RDS6-1)	220,000	10.4	22.4	236,000	3.20	27.0
38VMA240RDL5-1 (RDL6-1)	228,000	11.2	22.4	256,000	3.71	30.0
38VMA264RDS5-1 (RDS6-1)	248,000	10.7	22.0	282,000	3.52	29.6
38VMA288RDS5-1 (RDS6-1)	274,000	10.4	21.0	298,000	3.38	29.3
38VMA312RDS5-1 (RDS6-1)	296,000	9.3	20.2	314,000	3.20	28.5
38VMA336RDS5-1 (RDS6-1)	308,000	9.3	19.5	322,000	3.20	28.0

*1 Indoor temp. : 80°FDB or 67°FWB / outdoor temp. : 95°FDB / Equivalent piping length : 25 ft (7.5 m), level difference: 0
*2 Indoor temp. : 70°FDB / outdoor temp. : 47°FDB or 43°FWB / Equivalent piping length : 25 ft (7.5 m), level difference: 0

3. Combination Ratio Restrictions

$$\textbf{Combination ratio} = \frac{\textbf{Total capacity index of the indoor units}}{\textbf{Capacity index of the outdoor unit}}$$

e.g Outdoor unit 38VMA240RDS5-1(6-1) has 240 as the capacity index.
It is recommended to keep a proper combination ratio for the entire system.

Table 17 - Combination Ratio

Min. combination ratio	Max. combination ratio			
	40VMH *1 only 40VMV only	When 40VMA and indoor units connected	Including 40VMH *1 or 40VMV at least one unit	Other indoor unit models
50%	100%	100% *2	130% *3	150%

NOTES:

1. When 40VMH048, 054, 072, 096---3 is installed.
2. When outside air processing units (40VMA) and standard indoor units are connected, the total capacity index of the 40VMA must be limited to 30% or less of the capacity index of the outdoor unit.
3. When the total capacity of 40VMH048, 054, 072, 096---3 or 40VMV exceeds 30%, the combination must not exceed 100%.

4. Center Of Gravity

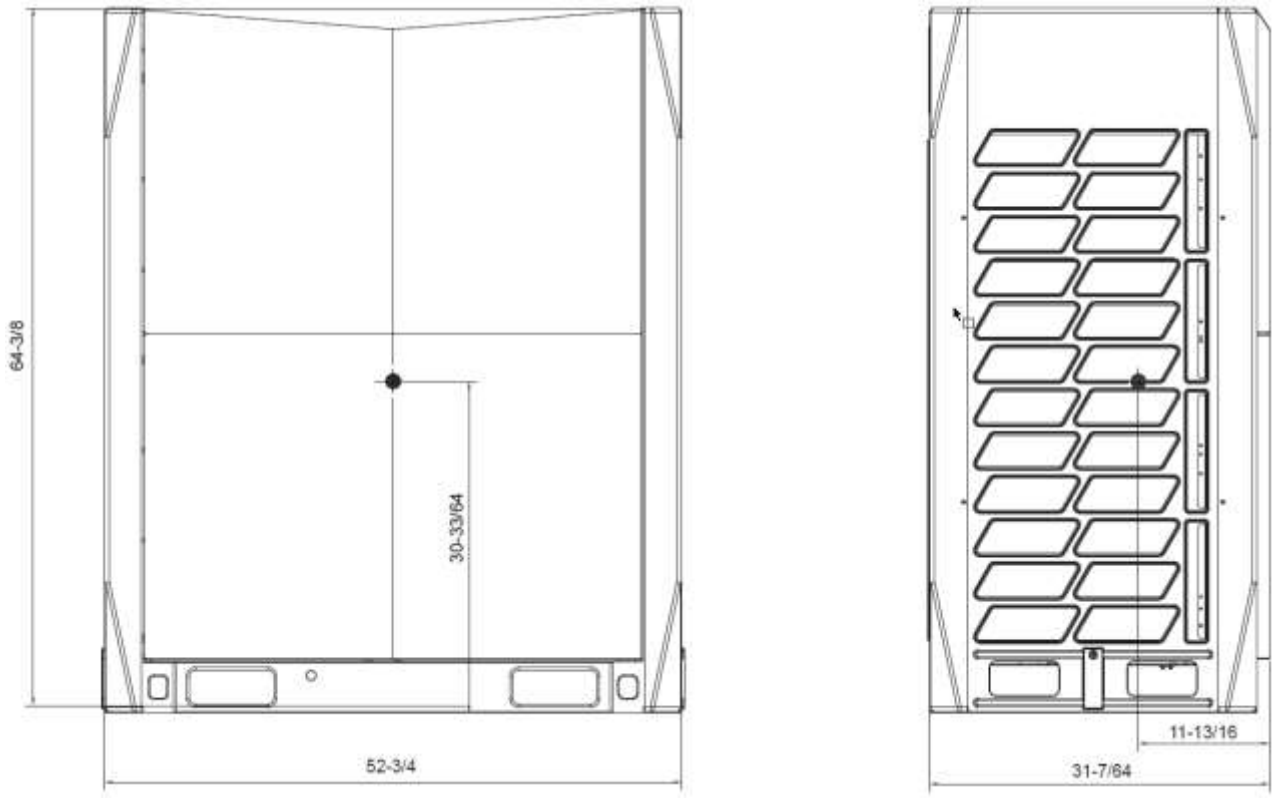


Figure 1 - 38VMA072, 096, 120RDS models

NOTE: All Dimensions are shown in inches.

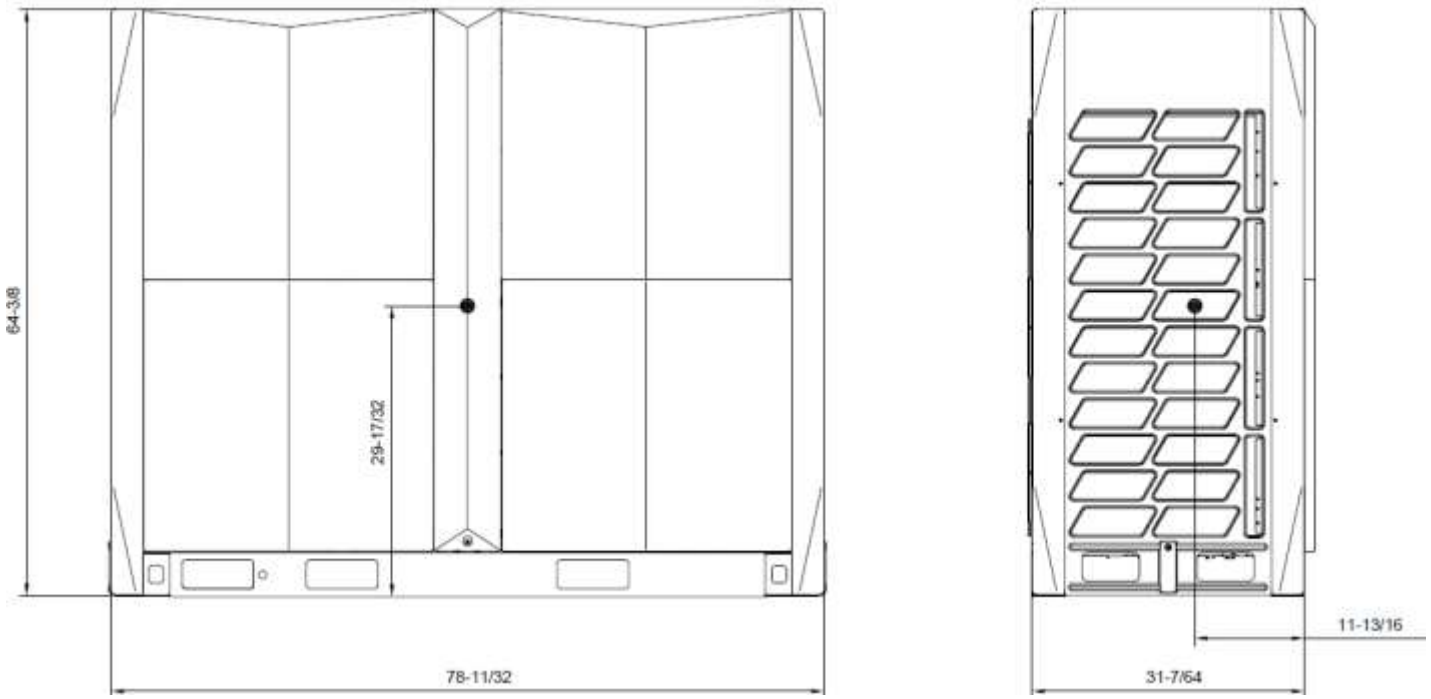


Figure 2 - 38VMA144RDL, 38VMA168, 192, 216, 240RDS models

NOTE: All dimensions are shown in inches.

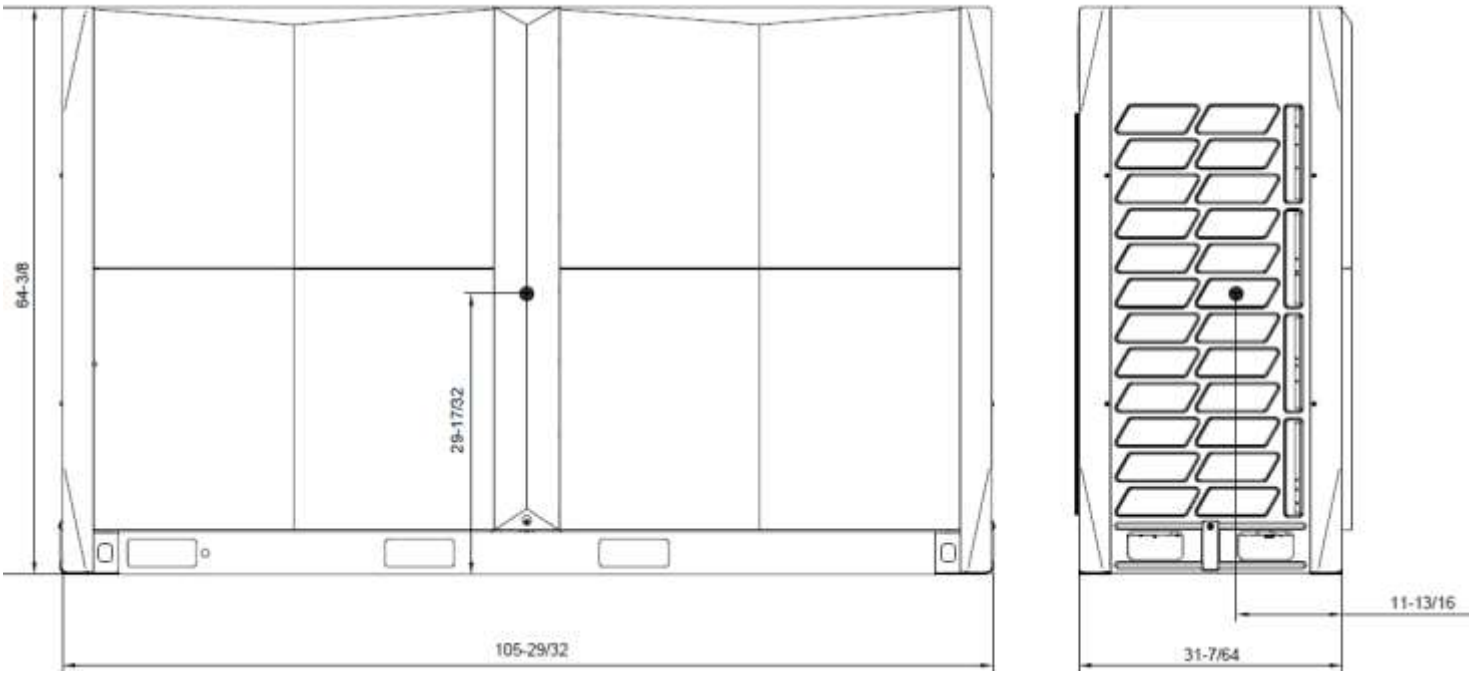


Figure 3 - 38VMA240RDL, 38VMA264, 288, 312, 336RDS models

NOTE: All Dimensions are shown in inches.

5. Dimensions

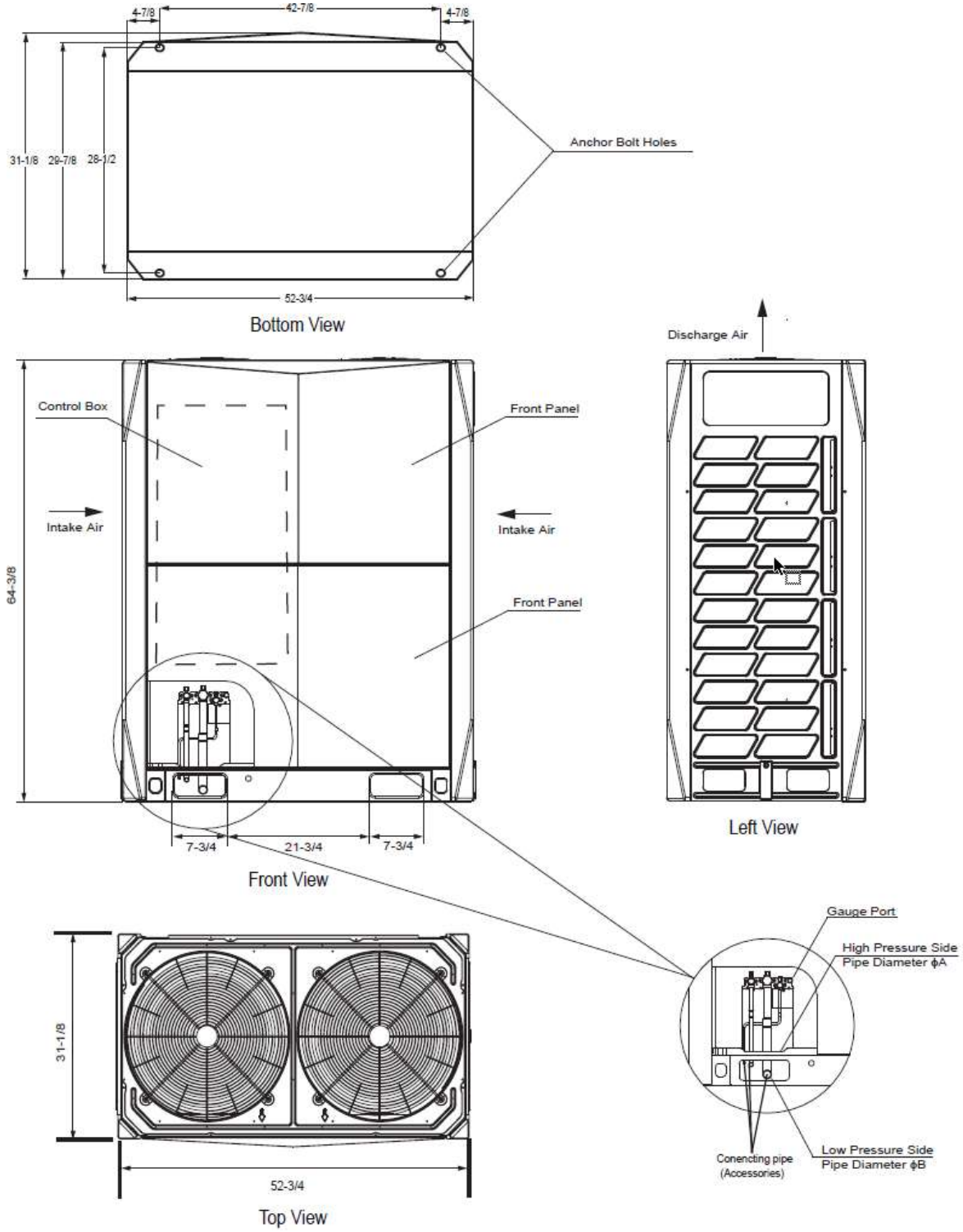


Figure 4 - 38VMA072, 096, 120RDS models

Table 18 - Dimensions

Model	ϕA	ϕB
072	5/8	3/4
096	3/4	7/8
120	3/4	1-1/8

NOTE: All dimensions are shown in inches.

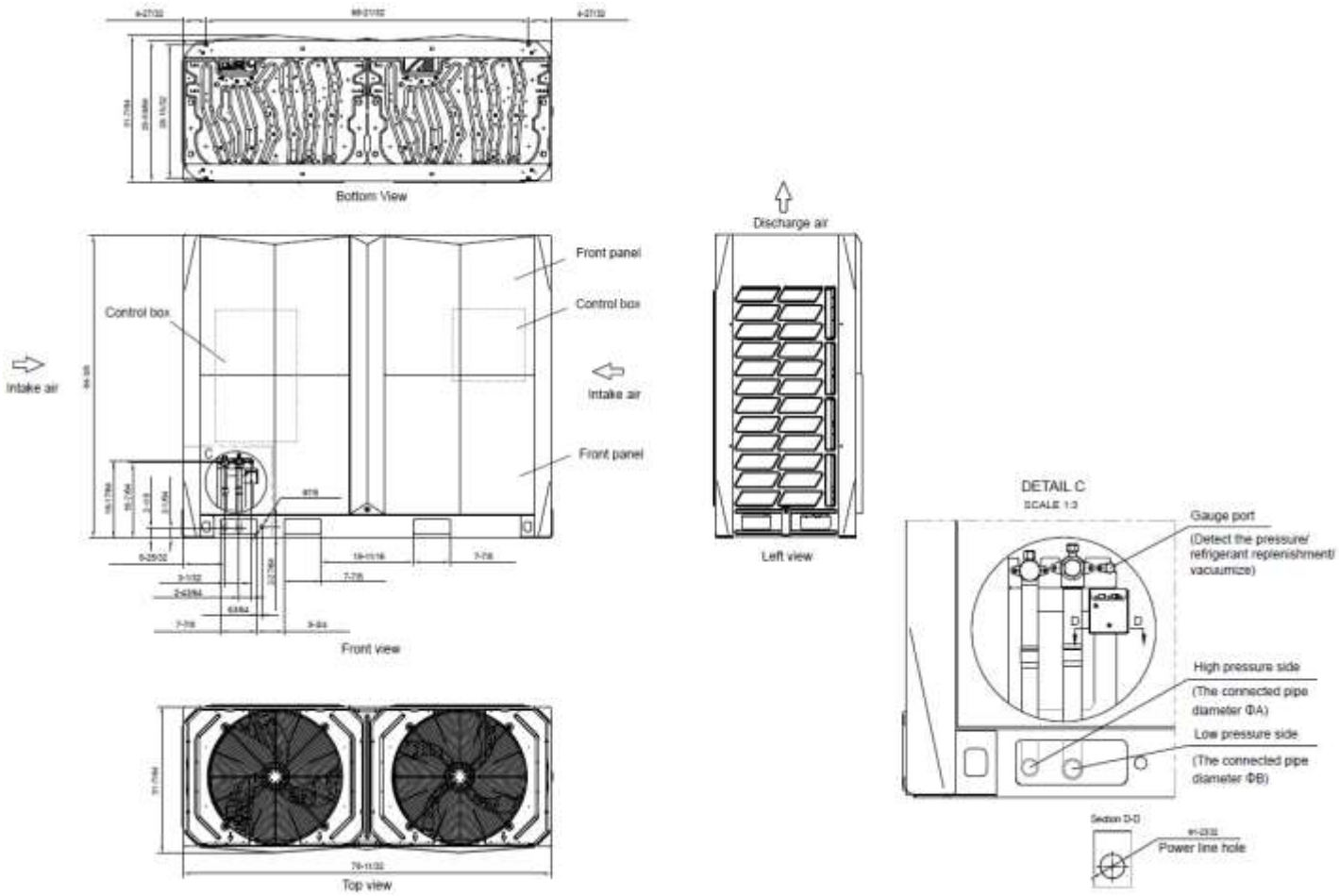


Figure 5 - 38VMA144, 38VMA168, 38VMA192, 38VMA216, 38VMA240RDS models

Table 19 - Dimensions

Model	ϕA	ϕB
144	7/8	1-1/8
168	7/8	1-1/8
192	7/8	1-1/8
216	1-1/8	1-1/8
240	1-1/8	1-3/8

NOTE: All dimensions are shown in inches.

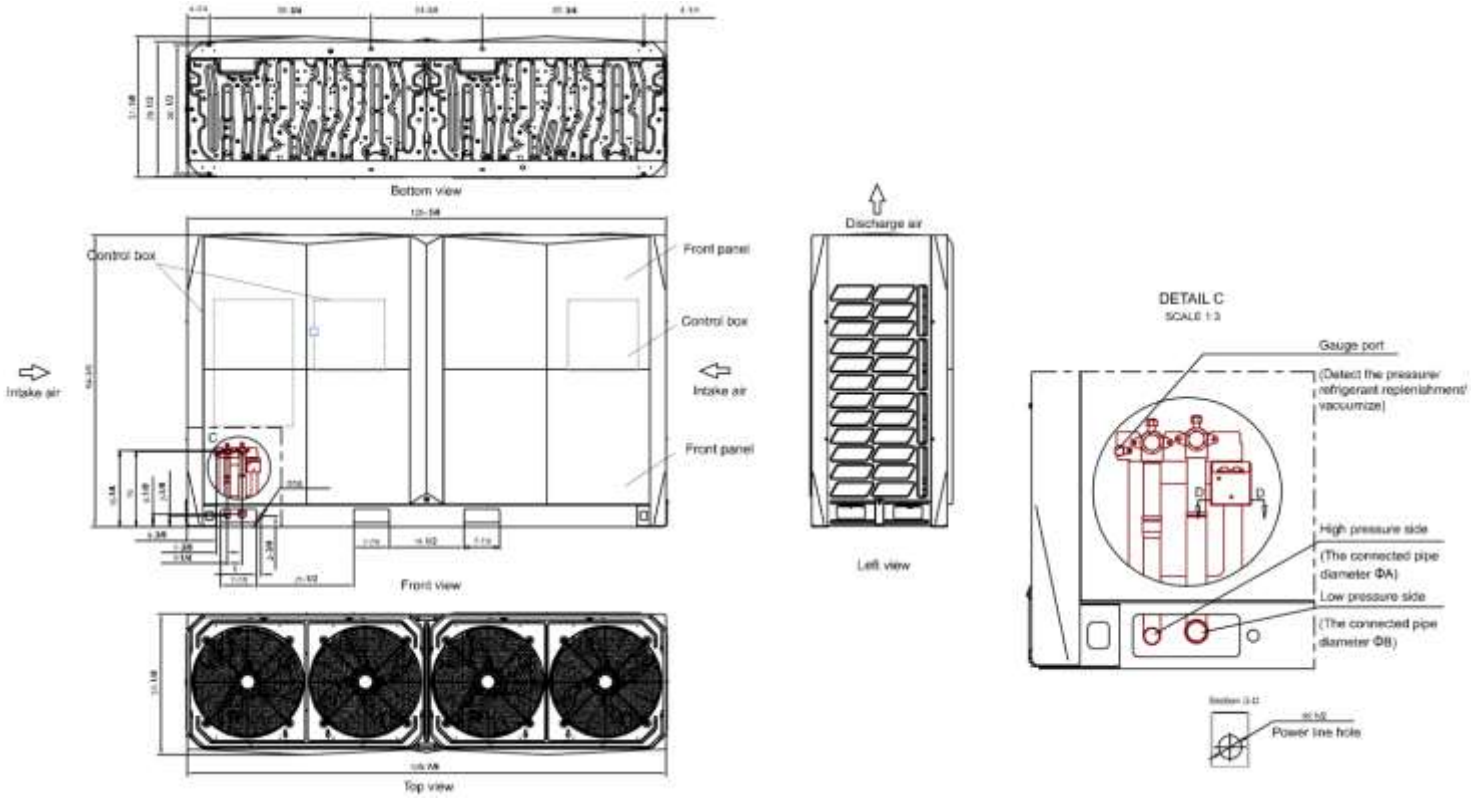


Figure 6 - 38VMA240RDL, 38VMA264, 288, 312, 336RDS models

Table 20 - Dimensions

Model	ϕA	ϕB
240	1-1/8	1-3/8
264	1-1/8	1-3/8
288	1-1/8	1-3/8
312	1-1/8	1-5/8
336	1-1/8	1-5/8

NOTE: All dimensions are shown in inches.

6. Refrigerant Circuit Diagrams

Table 21 - Refrigerant Circuit

Name	Symbol		Major Function
	Refrigerant Circuit Diagram	Electrical Wiring Diagram	
Inverter compressor	INV1	Compressor A	Varies the refrigerant flow rate by adjusting the frequency based on objective pressure
	INV2	Compressor B	
	INV3	Compressor C	
Oil separator	O/S	-	It is used to separate oil from high pressure gas refrigerant, which is pumped out from compressor.
Inverter fan	FANA		Regulate the heat exchanger capacity by adjusting rotating speeds based on the operating pressure.
	FANB		
	FANC		
	FAND		
4-way valve	ST1		Switch the operation mode between heating and cooling
Solenoid valve	SV3A		Used to control heat exchanger areas
	SV3B		
	SV3C		
	SV3D		
	SV3E		
	SV4		Used for control the amount of oil from the oil separator to the compressor
	SV5		1) High-pressure-rise prevention 2) To prevent the bottom of heat exchangers being frozen in heating mode
	SV6		1) To supply hot gas for heating indoor units in cooling main mode 2) Bypass hot gas from compressor discharge in heating operation
	SV8		
	SV7		1) Bypass pressure at start-up stage and control capacity at low load condition 2) High-pressure-rise prevention 3) Discharge superheat protection
Thermistor	T3A		Used to control defrosting during heating operation
	T3C		
	T4		Used to detect outdoor air temperature and control fan speed
	T5		Used to control SV6 and SV8 based on the refrigerant status in cooling main mode
	T6		Used for MDC to control EVXA and SVP
	T7		
	T7C1		Used to detect discharge temperature and calculate discharge superheat
	T7C2		
	T7C3		
	Tpr1	TP1-PRO	Provides high-temperature protection
	Tpr2	TP2-PRO	
	Tpr3	TP3-PRO	
High pressure sensor	PH	H-YL1	Used to detects high pressure
Low pressure sensor	PL	L-YL1	Used to detects low pressure
High pressure switch	HPS	H-PRO-4	This is to prevent abnormal increase of high pressure, to which will activate at 4.0MPa and shut down compressors.

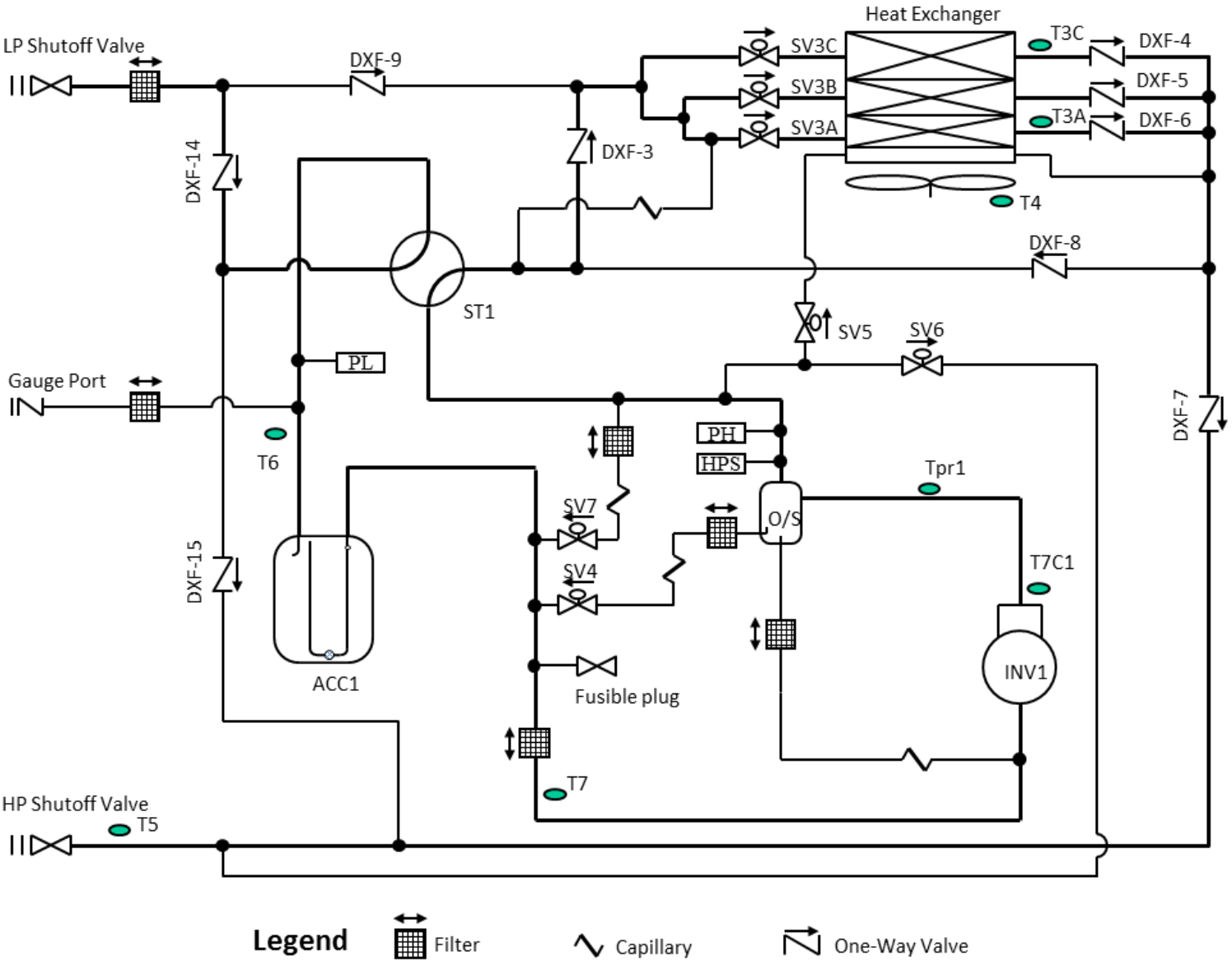


Figure 7 - 38VMA072, 096, 120RDS models

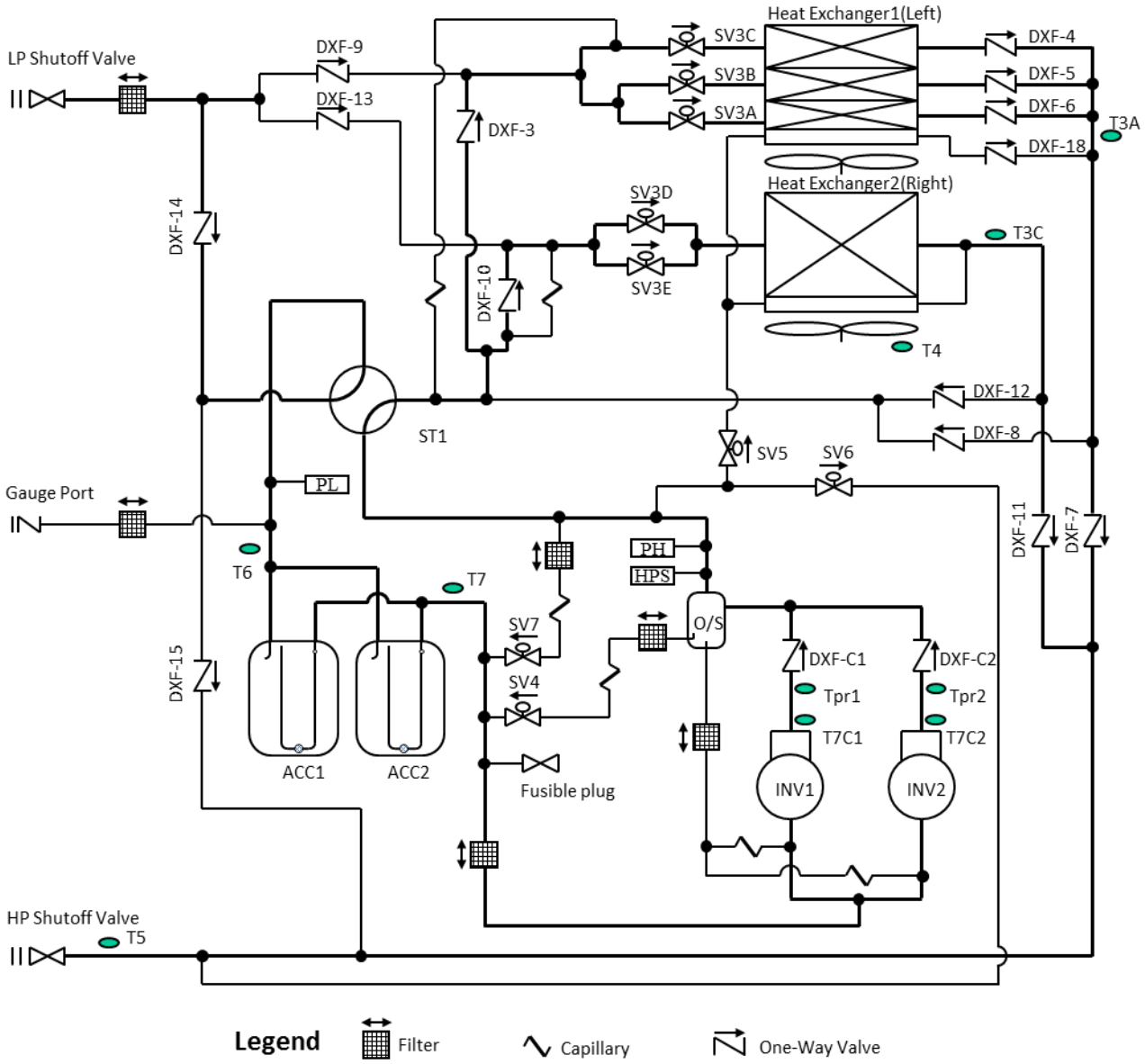


Figure 8 - 38VMA144RDL, 168, 196, 216, 240RDS models

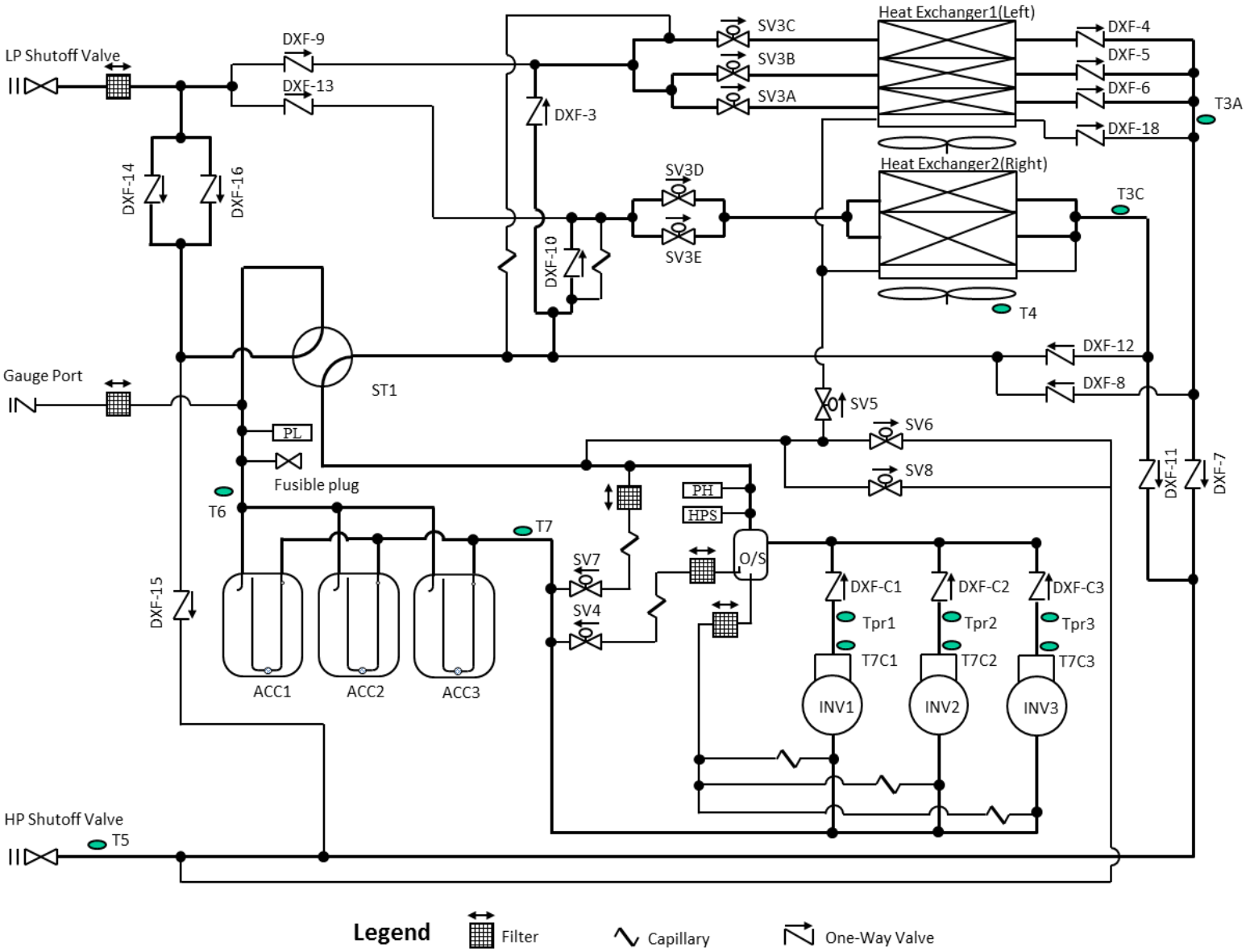


Figure 9 - 38VMA240RDL, 264, 288, 312, 336RDS models

7. Wiring Diagrams

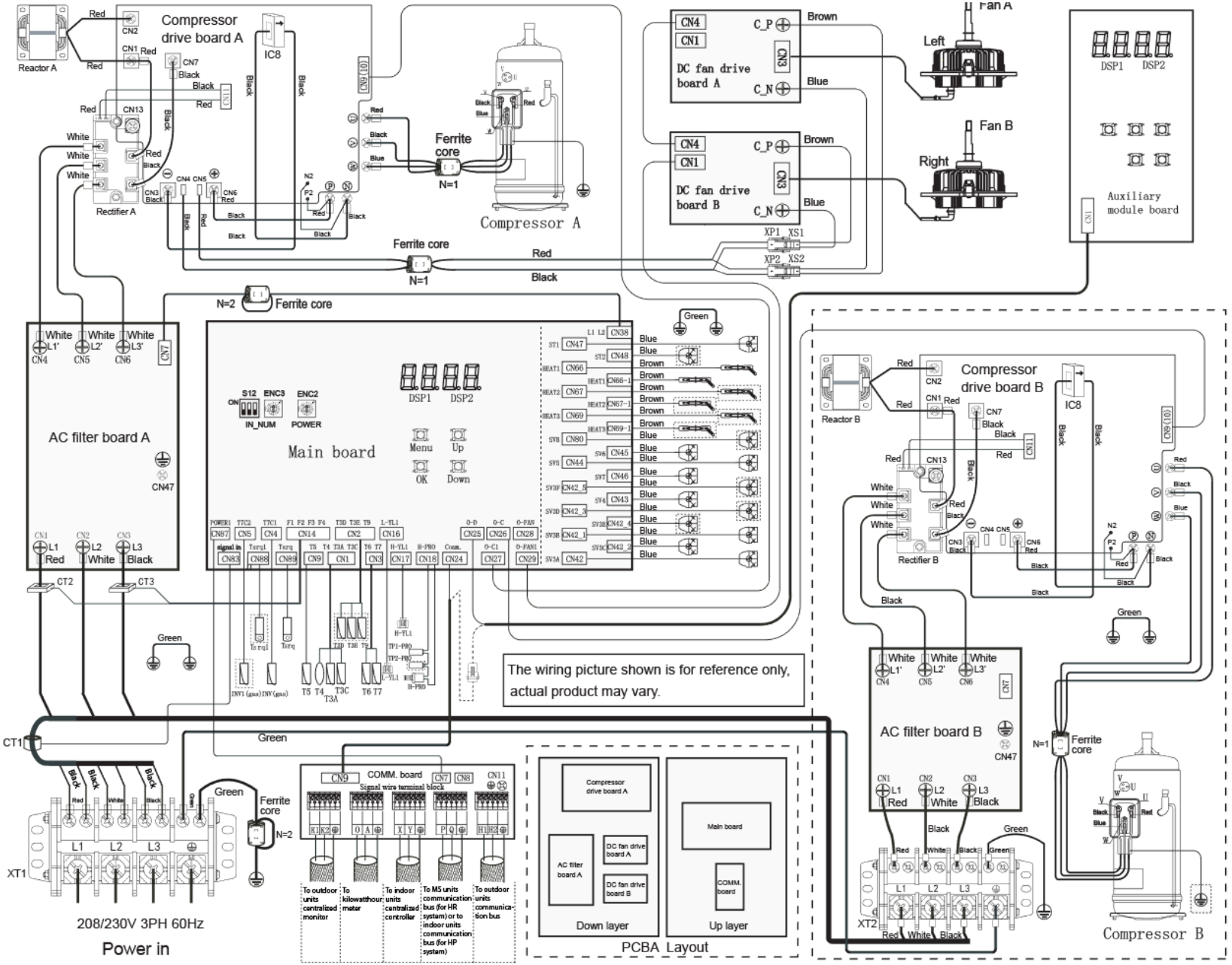


Figure 10 - 38VMA072, 096, 120RDS5-1, 38VMA144RDL5-1, 38VMA168, 192, 216, 240RDS5-1

Table 22 - Legend

Code	Name
XT1-XT2	Terminal Block
XS1-XS2	Plug
XP1-XP2	Jack
H-PRO	High Pressure ON/OFF Switch
H-YL1	High Pressure Sensor
L -YL1	Low Pressure Sensor
TP1-PRO TP2-PRO	Discharge Temperature ON/OFF Switch
T3A, T3C, T3D, T3E, T5, T6, T7, T9	Condenser or Evaporator Temperature Sensor
T4	Outdoor Ambient Temperature Sensor
INV (Gas) INV1 (Gas)	Discharge Temperature Sensor
CT1~3, IC8	Current Sensor
ST1, ST2	4-Way Valve
SV1~SV7	Solenoid Valve
HEAT (1-3)	Crankcase Heater
Tsrq, Tsrq1	Heat Sink Temperature

Table 23 – DSP1 and DSP2 Display Content

0E1	Phase Loss Error
0E2	Comm. Error with MDC and Indoor Unit
0E4	T3 or T4 Temperature Sensor Error
0E5	Voltage Protection
0E6	Heat Sink Temperature Sensor Error
0E7	Discharge Temperature Sensor Error
x0H0	Comm. Error Between IR314 and Main Chip
0H1	Comm. Error Between MB9BF506N
x0P6	Inverter Module Protection
x0H4	3 Times of P6 Protection in 60 Minutes
0P2	Low Pressure Protection
0H5	3 Times of P2 Protection in 60 Minutes
0P4	Discharge Temperature Protection
0H6	3 Times of P4 Protection in 60 Minutes
0H7	Quantity of Indoor Units do not Match
0H8	High Pressure Sensor Error
0P9	DC Fan Protection
0H9	3 Times of P9 Protection in 60 Minutes
0Hb	Low Pressure Sensor Error
0P1	High Pressure Protection or Discharge Temperature or Ground Fault Problem
x0P3	Compressor Current Protection
0P5	High Condenser Temperature Protection
0PL	Inverter Module Temperature Protection
0C7	3 Times of PL Protection in 100 Minutes
x0F1	PTC Error
0F3	T5 Temperature Sensor Error
0F4	T6 Temperature Sensor Error
0F5	T7 Temperature Sensor Error
0F7	Liquid Compressor Error
0F8	MS Error
dF	Defrosting
d0	Oil Return

NOTES:

1. X represents a system:
   1 = A system
   2 = B system
2. Component in dashed line is optional

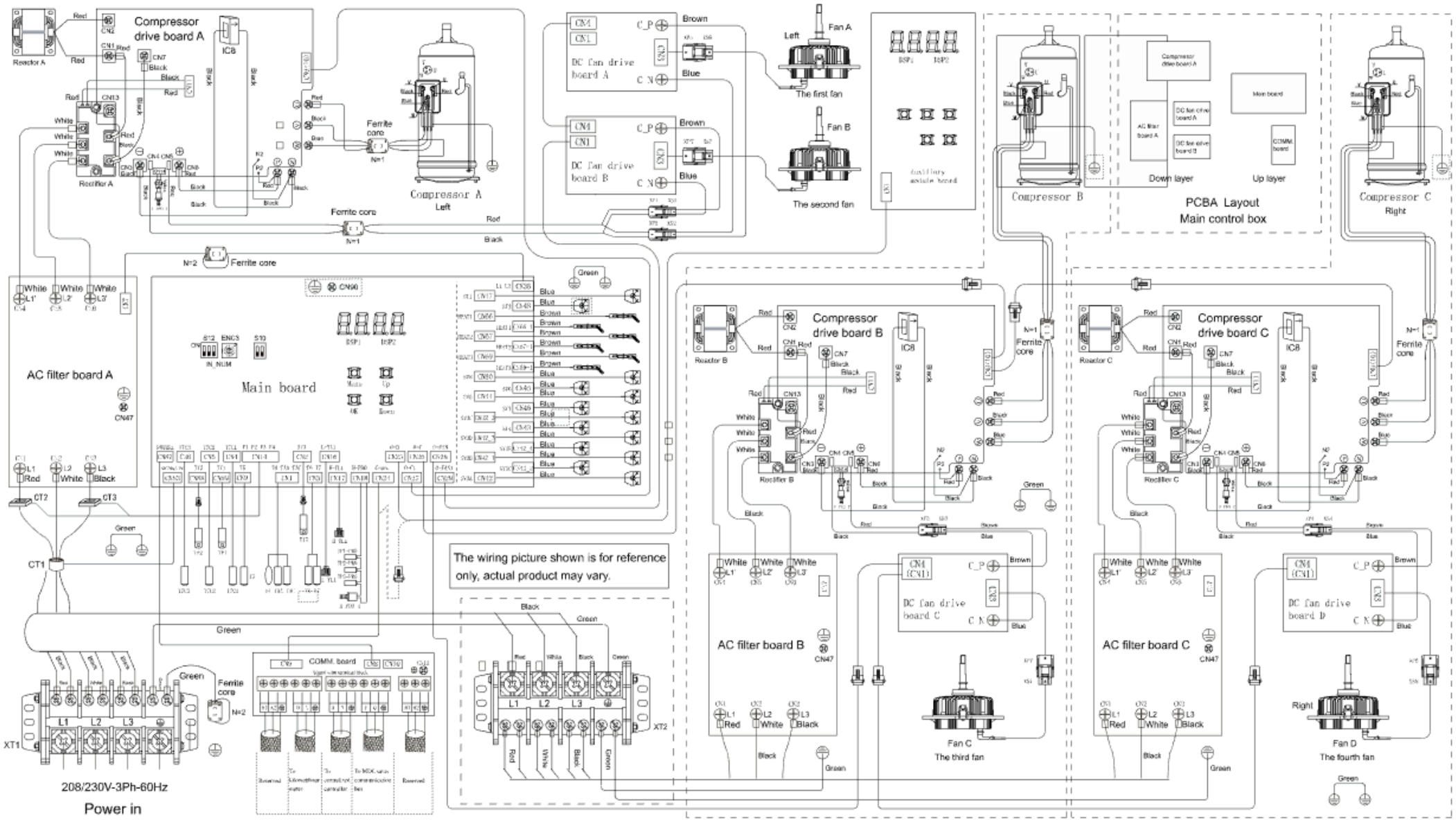


Figure 11 - 38VMA240RDL5-1, 38VMA264, 288, 312, 336RDS5-1

Table 24 - Legend

Code	Name
XT1-XT2	Terminal Block
XS1-XS2	Plug
XP1-XP2	Jack
H-PRO	High Pressure ON/OFF Switch
H-YL1	High Pressure Sensor
L -YL1	Low Pressure Sensor
TP1-PRO TP2-PRO	Discharge Temperature ON/OFF Switch
T3A, T3C, T3D, T3E, T5, T6, T7, T9	Condenser or Evaporator Temperature Sensor
T4	Outdoor Ambient Temperature Sensor
INV (Gas) INV1 (Gas)	Discharge Temperature Sensor
CT1~3, IC17	Current Sensor
ST1, ST2	4-Way Valve
SV1~SV7	Solenoid Valve
HEAT (1-3)	Crankcase Heater
Tsrq, Tsrq1	Heat Sink Temperature

Table 25 – DSP1 and DSP2 Display Content

0E1	Phase Loss Error
0E2	Comm. Error with MDC and Indoor Unit
0E4	T3 or T4 Temperature Sensor Error
0E5	Voltage Protection
0E6	Heat Sink Temperature Sensor Error
0E7	Discharge Temperature Sensor Error
x0H0	Comm. Error Between IR314 and Main Chip
0H1	Comm. Error Between MB9BF506N
x0P6	Inverter Module Protection
x0H4	3 Times of P6 Protection in 60 Minutes
0P2	Low Pressure Protection
0H5	3 Times of P2 Protection in 60 Minutes
0P4	Discharge Temperature Protection
0H6	3 Times of P4 Protection in 60 Minutes
0H7	Quantity of Indoor Units do not Match
0H8	High Pressure Sensor Error
0P9	DC Fan Protection
0H9	3 Times of P9 Protection in 60 Minutes
0Hb	Low Pressure Sensor Error
0P1	High Pressure Protection or Discharge Temperature or Ground Fault Problem
x0P3	Compressor Current Protection
0P5	High Condenser Temperature Protection
0PL	Inverter Module Temperature Protection
0C7	3 Times of PL Protection in 100 Minutes
x0F1	PTC Error
0F3	T5 Temperature Sensor Error
0F4	T6 Temperature Sensor Error
0F5	T7 Temperature Sensor Error
0F7	Liquid Compressor Error
0F8	MS Error
dF	Defrosting
d0	Oil Return

NOTES:

1. X represents a system:
   1 = A system
   2 = B system
2. Component in dashed line is optional

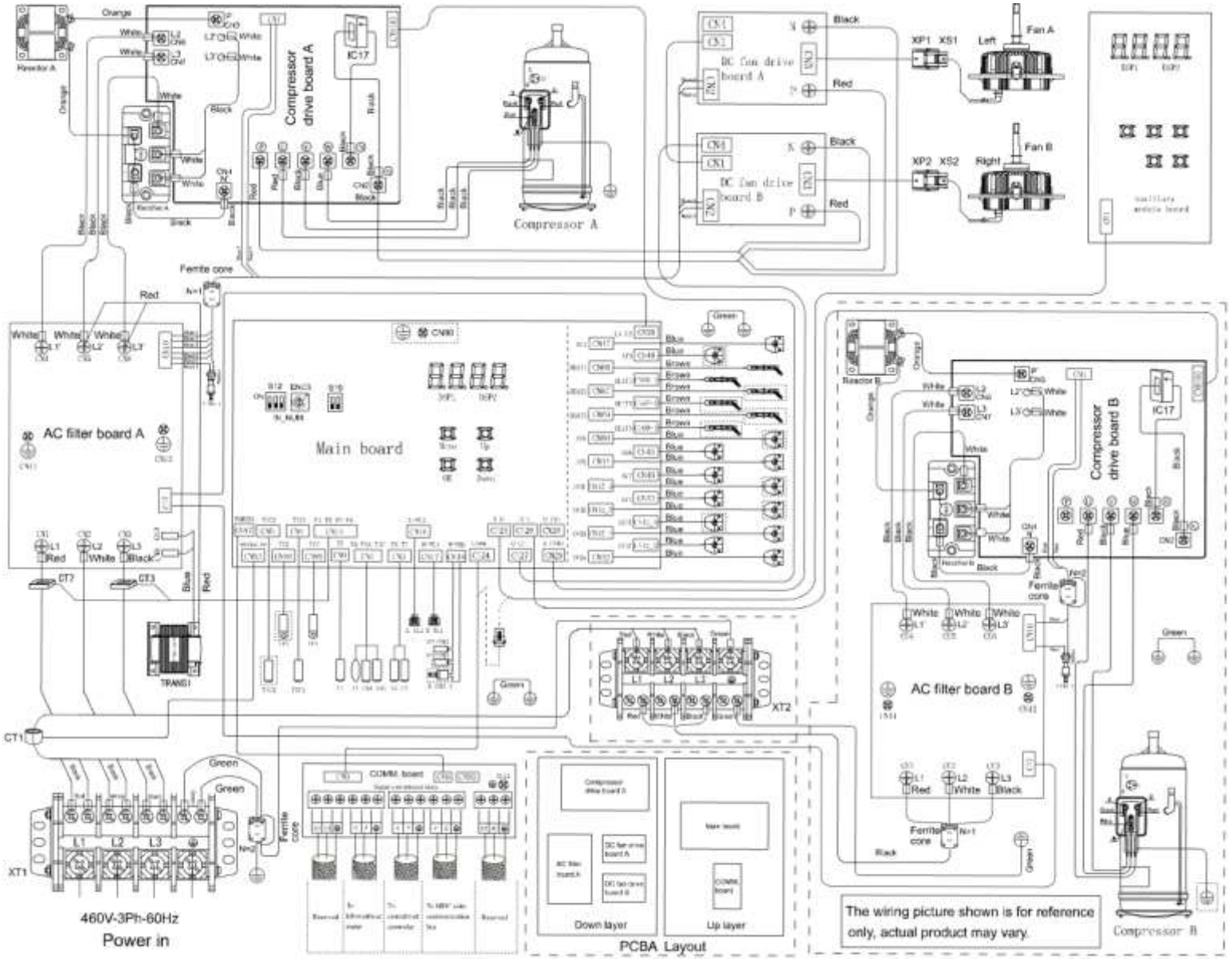


Figure 12 - 38VMA072, 096, 120RDS6-1, 38VMA144RDL6-1, 38VMA168, 192, 216, 240RDS6-1

Table 26 - Legend

Code	Name
XT1-XT2	Terminal Block
XS1-XS2	Plug
XP1-XP2	Jack
H-PRO	High Pressure ON/OFF Switch
H-YL1	High Pressure Sensor
L -YL1	Low Pressure Sensor
TP1-PRO TP2-PRO	Discharge Temperature ON/OFF Switch
T3A, T3C, T3D, T3E, T5, T6, T7, T9	Condenser or Evaporator Temperature Sensor
T4	Outdoor Ambient Temperature Sensor
INV (Gas) INV1 (Gas)	Discharge Temperature Sensor
CT1~3, IC17	Current Sensor
ST1, ST2	4-Way Valve
SV1~SV7	Solenoid Valve
HEAT (1-3)	Crankcase Heater
Tsrq, Tsrq1	Heat Sink Temperature
TRANS1	Power Transformer

Table 27 – DSP1 and DSP2 Display Content

0E1	Phase Loss Error
0E2	Comm. Error with MDC and Indoor Unit
0E4	T3 or T4 Temperature Sensor Error
0E5	Voltage Protection
0E6	Heat Sink Temperature Sensor Error
0E7	Discharge Temperature Sensor Error
x0H0	Comm. Error Between IR314 and Main Chip
0H1	Comm. Error Between MB9BF506N
x0P6	Inverter Module Protection
x0H4	3 Times of P6 Protection in 60 Minutes
0P2	Low Pressure Protection
0H5	3 Times of P2 Protection in 60 Minutes
0P4	Discharge Temperature Protection
0H6	3 Times of P4 Protection in 60 Minutes
0H7	Quantity of Indoor Units do not Match
0H8	High Pressure Sensor Error
0P9	DC Fan Protection
0H9	3 Times of P9 Protection in 60 Minutes
0Hb	Low Pressure Sensor Error
0P1	High Pressure Protection or Discharge Temperature or Ground Fault Problem
x0P3	Compressor Current Protection
0P5	High Condenser Temperature Protection
0PL	Inverter Module Temperature Protection
0C7	3 Times of PL Protection in 100 Minutes
x0F1	PTC Error
0F3	T5 Temperature Sensor Error
0F4	T6 Temperature Sensor Error
0F5	T7 Temperature Sensor Error
0F7	Liquid Compressor Error
0F8	MS Error
dF	Defrosting
d0	Oil Return

NOTES:

1. X represents a system:
   1 = A system
   2 = B system
2. Component in dashed line is optional

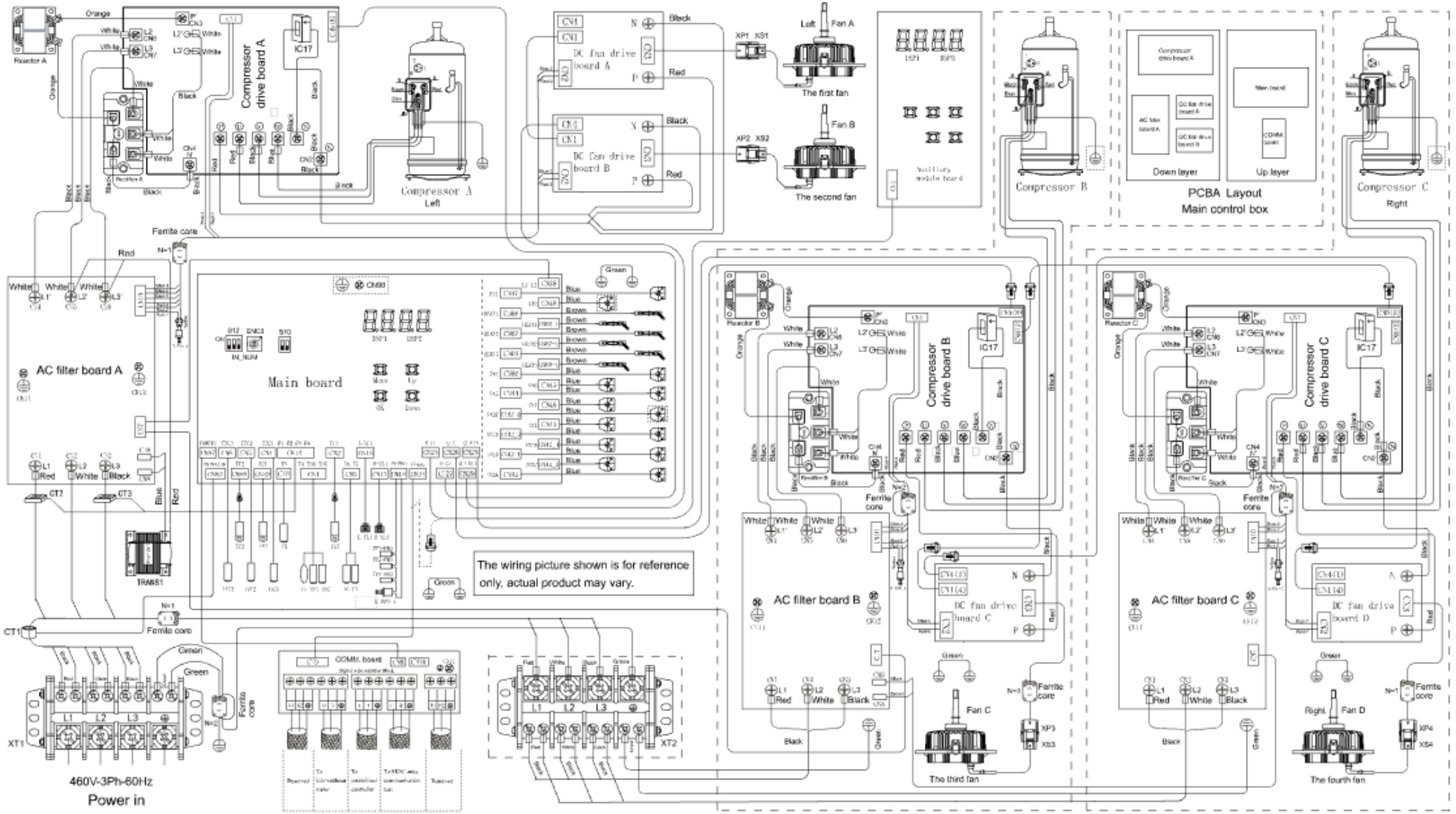


Figure 13 - 38VMA240RDL6-1, 38VMA264, 288, 312, 336RDS6-1

Table 28 - Legend

Code	Name
XT1-XT2	Terminal Block
XS1-XS2	Plug
XP1-XP2	Jack
H-PRO	High Pressure ON/OFF Switch
H-YL1	High Pressure Sensor
L -YL1	Low Pressure Sensor
TP1-PRO TP2-PRO	Discharge Temperature ON/OFF Switch
T3A, T3C, T3D, T3E, T5, T6, T7, T9	Condenser or Evaporator Temperature Sensor
T4	Outdoor Ambient Temperature Sensor
INV (Gas) INV1 (Gas)	Discharge Temperature Sensor
CT1~3, IC17	Current Sensor
ST1, ST2	4-Way Valve
SV1~SV7	Solenoid Valve
HEAT (1-3)	Crankcase Heater
Tsrq, Tsrq1	Heat Sink Temperature
TRANS1	Power Transformer

Table 29 – DSP1 and DSP2 Display Content

0E1	Phase Loss Error
0E2	Comm. Error with MDC and Indoor Unit
0E4	T3 or T4 Temperature Sensor Error
0E5	Voltage Protection
0E6	Heat Sink Temperature Sensor Error
0E7	Discharge Temperature Sensor Error
x0H0	Comm. Error Between IR314 and Main Chip
0H1	Comm. Error Between MB9BF506N
x0P6	Inverter Module Protection
x0H4	3 Times of P6 Protection in 60 Minutes
0P2	Low Pressure Protection
0H5	3 Times of P2 Protection in 60 Minutes
0P4	Discharge Temperature Protection
0H6	3 Times of P4 Protection in 60 Minutes
0H7	Quantity of Indoor Units do not Match
0H8	High Pressure Sensor Error
0P9	DC Fan Protection
0H9	3 Times of P9 Protection in 60 Minutes
0Hb	Low Pressure Sensor Error
0P1	High Pressure Protection or Discharge Temperature or Ground Fault Problem
x0P3	Compressor Current Protection
0P5	High Condenser Temperature Protection
0PL	Inverter Module Temperature Protection
0C7	3 Times of PL Protection in 100 Minutes
x0F1	PTC Error
0F3	T5 Temperature Sensor Error
0F4	T6 Temperature Sensor Error
0F5	T7 Temperature Sensor Error
0F7	Liquid Compressor Error
0F8	MS Error
dF	Defrosting
d0	Oil Return

NOTES:

1. X represents a system:
   1 = A system
   2 = B system
2. Component in dashed line is optional

8. Field Wiring

a. General Cautions

1. Choose the correct AWG according to MCA values based on UL-1995. Follow technical standards for electrical equipment and wiring regulations.
2. When proceeding with the wiring and connections outside, avoid anything that could damage the power line and transmission cable, such as exposing to sunlight and rain.
3. Never squeeze bundled cables, and make sure cables do not touch non-insulated pipes or sharp edges. Be sure there are no external pressures applied to the terminal connections.
4. Be sure there is wiring clearance for the electrical box on the outdoor units, MDC, and indoor units. These boxes are often removed at the time of service work.
5. Provide designated grounding work to the outdoor unit.
6. Never connect the main power source (208/230V, 460V) to the terminal block of the communication line, or the electrical parts will burn.
7. Use shielding 2-core twisted pair cable for the communication line. If communication lines of different systems are wired with the same multiple core cable, it will cause errors.
8. Wiring for communication shall be apart from power source wiring by two inches or more to avoid electric noise from the power source wiring. Do not insert the communication line and power source wire in the same conduit.

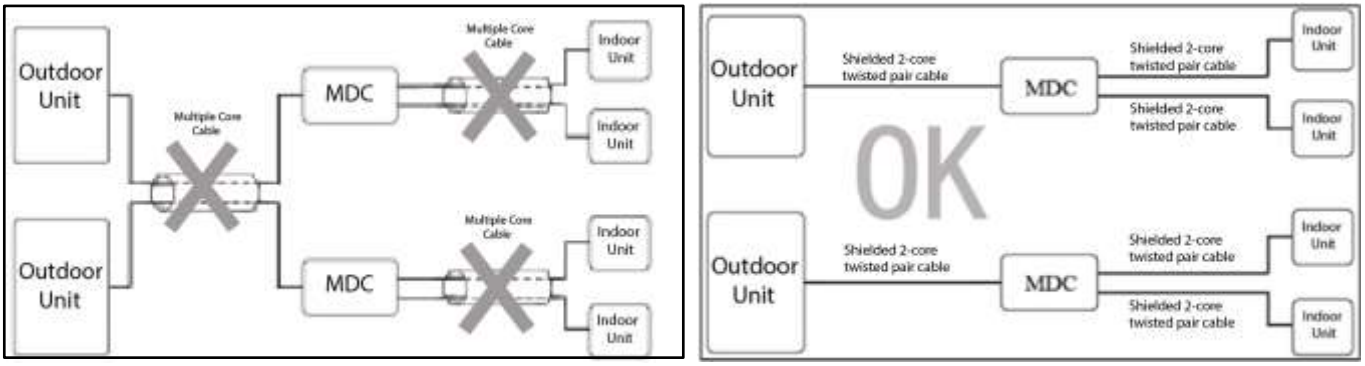


Figure 14 - Connection of shielding 2-core twisted pair cables

b. Power Supply Example

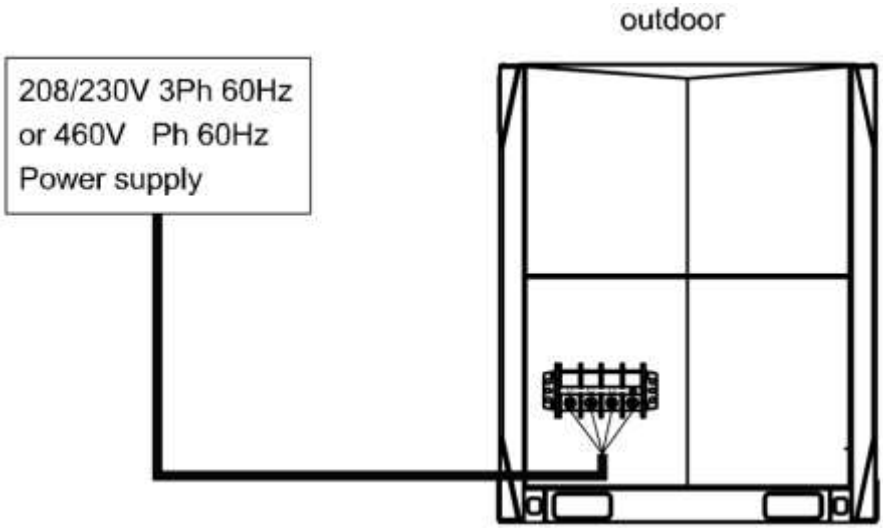


Figure 15 - Main Power Wiring for Outdoor Unit

c. Power Supply

Table 30 - Electrical Characteristics of outdoor units

Outdoor units (208/230-3-60)						Compressor
Model	Volts	Voltage range	Hz	MCA(A)	Recommended Fuse Size (A)	SC(A)
38VMA072RDS5-1	208/230V	187 to 253V	60	43	50	12
38VMA096RDS5-1				45	50	12
38VMA120RDS5-1				46	50	12
38VMA144RDL5-1				70	80	12
38VMA168RDS5-1				70	80	12
38VMA192RDS5-1				71	80	12
38VMA216RDS5-1				81	100	12
38VMA240RDS5-1				81	100	12
38VMA240RDL5-1				101	110	12
38VMA264RDS5-1				104	110	12
38VMA288RDS5-1				104	110	12
38VMA312RDS5-1				106	110	12
38VMA336RDS5-1				106	110	12
Outdoor units (460-3-60)						
38VMA072RDS6-1	460V	414 to 506V	60	20	30	7
38VMA096RDS6-1				22	30	7
38VMA120RDS6-1				22	30	7
38VMA144RDL6-1				35	40	7
38VMA168RDS6-1				35	40	7
38VMA192RDS6-1				35	40	7
38VMA216RDS6-1				38	40	7
38VMA240RDS6-1				38	40	7
38VMA240RDL6-1				52	60	7
38VMA264RDS6-1				54	60	7
38VMA288RDS6-1				54	60	7
38VMA312RDS6-1				55	60	7
38VMA336RDS6-1				55	60	7

MCA : Min. Circuit Amps
SC : Starting Current

Table 31 - Electrical Characteristics of MDC units

Main MDC units (208/230-1-60)				
Model	Volts	Voltage range	Hz	MCA(A)
40VMD006M--3	208/230V	187 to 253V	60	0.73
40VMD008M--3				0.89
40VMD010M--3				1.05
40VMD016M--3				1.54
40VMD016ML-3				1.54
Sub MDC units (208/230-1-60)				
40VMD006S--3	208/230V	187 to 253V	60	0.69
40VMD008S--3				0.85
40VMD010S--3				1.01
40VMD016S--3				1.49

Table 32 - Thickness of wire for main power supply

Model	Recommended setting					
	Minimum wire thickness (mm^2[AWG])		Switch(A)		Breaker for wiring(A)	Breaker for current leakage
	Main cable	Ground	Capacity	Fuse		
38VMA072RDS5-1	13.3[6]	13.3[6]	50	50	50	50A100mA 0.1sec. or less
38VMA096RDS5-1	13.3[6]	13.3[6]	50	50	50	50A100mA 0.1sec. or less
38VMA120RDS5-1	13.3[6]	13.3[6]	50	50	50	50A100mA 0.1sec. or less
38VMA144RDL5-1	21.2[4]	21.2[4]	80	80	80	80A100mA 0.1sec. or less
38VMA168RDS5-1	21.2[4]	21.2[4]	80	80	80	80A100mA 0.1sec. or less
38VMA192RDS5-1	33.6[2]	33.6[2]	80	80	80	80A100mA 0.1sec. or less
38VMA216RDS5-1	33.6[2]	33.6[2]	90	90	90	90A100mA 0.1sec. or less
38VMA240RDS5-1	33.6[2]	33.6[2]	90	90	90	90A100mA 0.1sec. or less
38VMA240RDL5-1	53.5[1/0]	53.5[1/0]	110	110	110	110A100mA 0.1sec. or less
38VMA264RDS5-1	53.5[1/0]	53.5[1/0]	110	110	110	110A100mA 0.1sec. or less
38VMA288RDS5-1	53.5[1/0]	53.5[1/0]	110	110	110	110A100mA 0.1sec. or less
38VMA312RDS5-1	53.5[1/0]	53.5[1/0]	110	110	110	110A100mA 0.1sec. or less
38VMA336RDS5-1	53.5[1/0]	53.5[1/0]	110	110	110	110A100mA 0.1sec. or less
38VMA072RDS6-1	5.3[10]	5.3[10]	30	30	30	30A100mA 0.1sec. or less
38VMA096RDS6-1	5.3[10]	5.3[10]	30	30	30	30A100mA 0.1sec. or less
38VMA120RDS6-1	5.3[10]	5.3[10]	30	30	30	30A100mA 0.1sec. or less
38VMA144RDL6-1	8.4[8]	8.4[8]	40	40	40	40A100mA 0.1sec. or less
38VMA168RDS6-1	8.4[8]	8.4[8]	40	40	40	40A100mA 0.1sec. or less
38VMA192RDS6-1	8.4[8]	8.4[8]	40	40	40	40A100mA 0.1sec. or less
38VMA216RDS6-1	8.4[8]	8.4[8]	40	40	40	40A100mA 0.1sec. or less
38VMA240RDS6-1	8.4[8]	8.4[8]	40	40	40	40A100mA 0.1sec. or less
38VMA240RDL6-1	13.3[6]	13.3[6]	60	60	60	60A100mA 0.1sec. or less
38VMA264RDS6-1	13.3[6]	13.3[6]	60	60	60	60A100mA 0.1sec. or less
38VMA288RDS6-1	13.3[6]	13.3[6]	60	60	60	60A100mA 0.1sec. or less
38VMA312RDS6-1	13.3[6]	13.3[6]	60	60	60	60A100mA 0.1sec. or less
38VMA336RDS6-1	13.3[6]	13.3[6]	60	60	60	60A100mA 0.1sec. or less

1. Specific wiring requirements should comply with local codes.
2. Use copper wires only.
3. Use dedicated power supply for each outdoor unit.
4. Be sure the outdoor unit is grounded properly.
5. The wire size is the minimum value for metal conduit wiring. If the voltage drops, use a wire that is one gage higher in diameter. Make sure the power-supply voltage does not drop more than 10%.
6. Power must be supplied to all indoor units and MDC in the same system.

⚠WARNING

Be sure to use specified wires for connections and ensure that no external force is impacting the terminal connections. If connections are not fixed firmly, heating or fire may result.
Be sure to use the appropriate type of overcurrent protection switch.

⚠CAUTION

A breaker for current leakage must be attached to the power supply. If no earth leakage breaker is installed, it may cause an electric shock.
Do not use anything other than a breaker and fuse with the correct capacity. Using a fuse or wire that is too large may cause malfunction or fire.

d. Controls Wiring

Use 2-Core stranded shielded twisted pair communication wire. Wiring length limitations must be observed to avoid any communication interference.

Max. length to Outdoor	L1+L2,L5	≤3937ft [1,200m]	AWG 16 or 18
Max. total length to Indoor units	L3, L3+L4	≤3937ft [1,200m]	AWG 16 or 18
Max. length from controller to indoor units	L6+L7+ L8+ L9, L10+L11	≤820ft [250m]	AWG 18 or 20

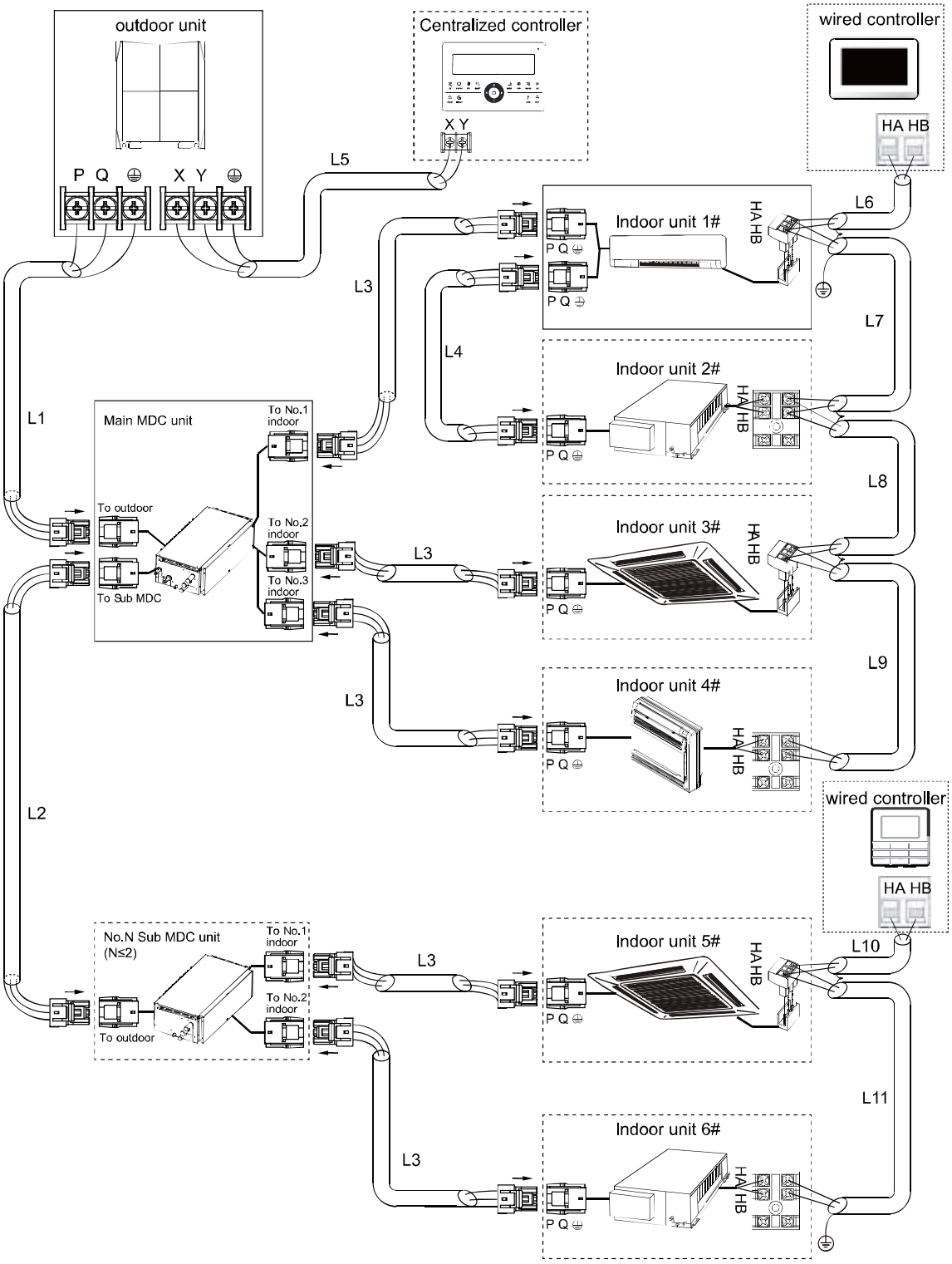


Figure 16 – Controls Wiring

9. Sound Pressure Levels

These values, measured in anechoic chamber, are normally higher as a result of actual ambient conditions.

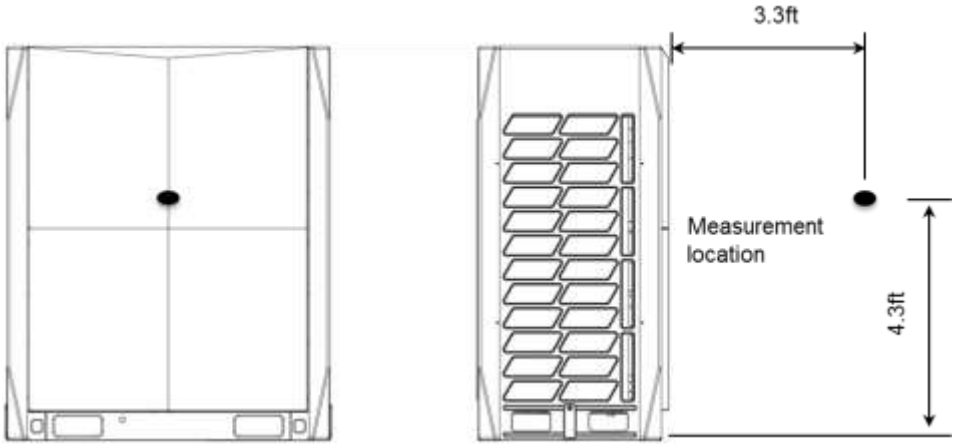


Figure 17 - 38VMA072, 096, 120RDS Models

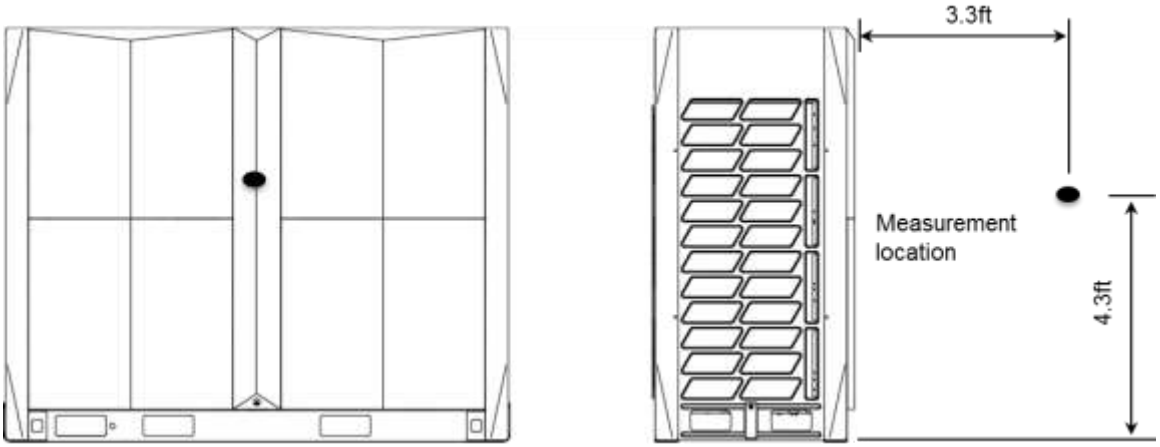


Figure 18 - 38VMA144RDL, 38VMA168, 192, 216, 240RDS Models

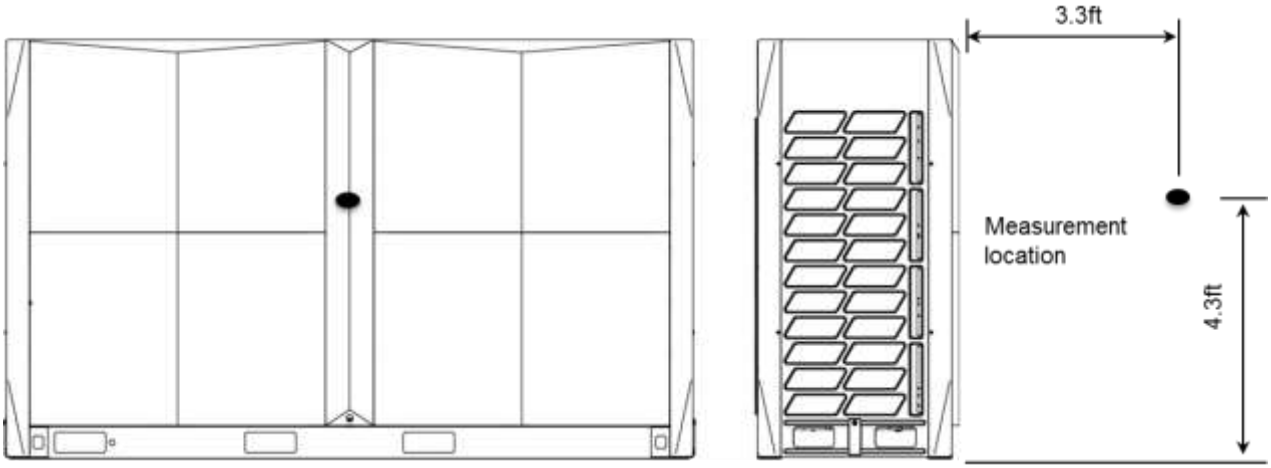


Figure 19 - 38VMA240RDL, 38VMA264, 288, 312, 336RDS Models

10. NC Curves

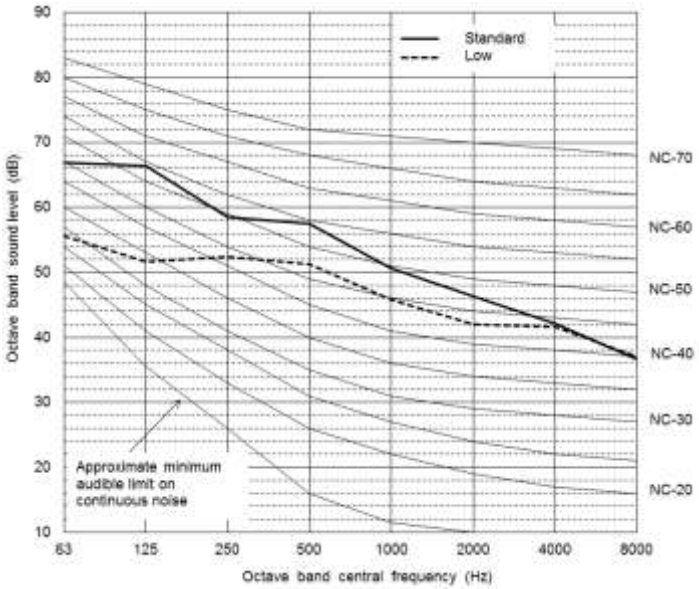


Figure 20 - 38VMA072RDS5-1

Table 33 - 38VMA072RDS5-1

38VMA072RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	66.9	66.3	58.5	57.5	50.7	46.3	42.1	36.7	58.8
Low noise mode	60Hz	55.6	51.7	52.4	51.3	45.8	42.0	41.6	37.1	52.4

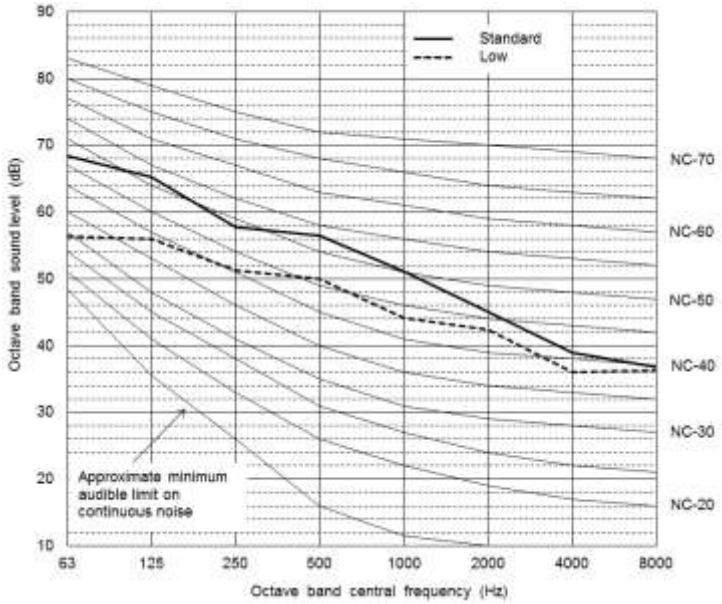


Figure 21 - 38VMA072RDS6-1

Table 34 - 38VMA072RDS6-1

38VMA072RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	68.5	65.2	57.8	56.4	51.1	45.0	39.0	36.8	57.7
Low noise mode	60Hz	56.3	56.0	51.3	50.0	44.2	42.3	36.0	36.3	51.5

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

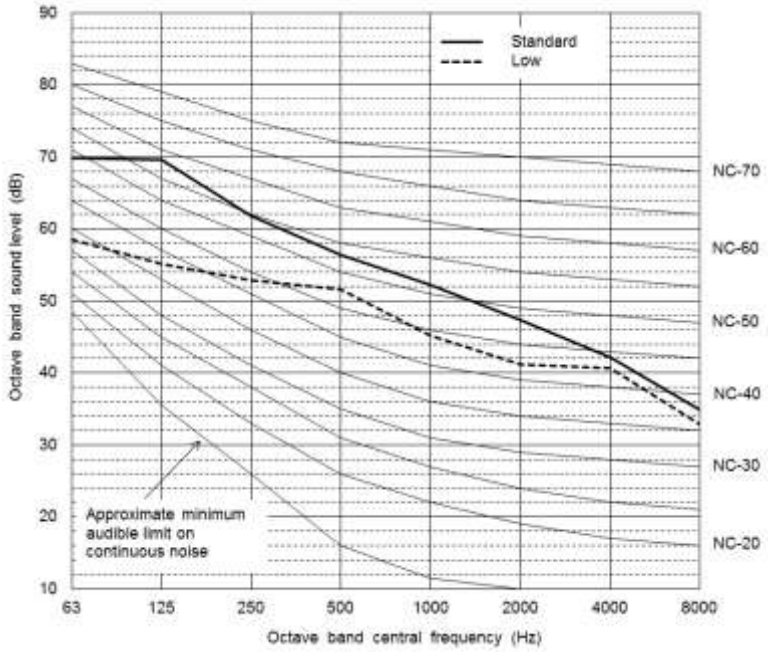


Figure 22 - 38VMA096RDS5-1

Table 35 - 38VMA096RDS5-1

38VMA096RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	69.8	69.6	61.8	56.4	52.2	47.4	42.2	34.9	59.6
Low noise mode	60Hz	58.6	55.1	52.9	51.6	45.2	41.2	40.7	32.8	52.1

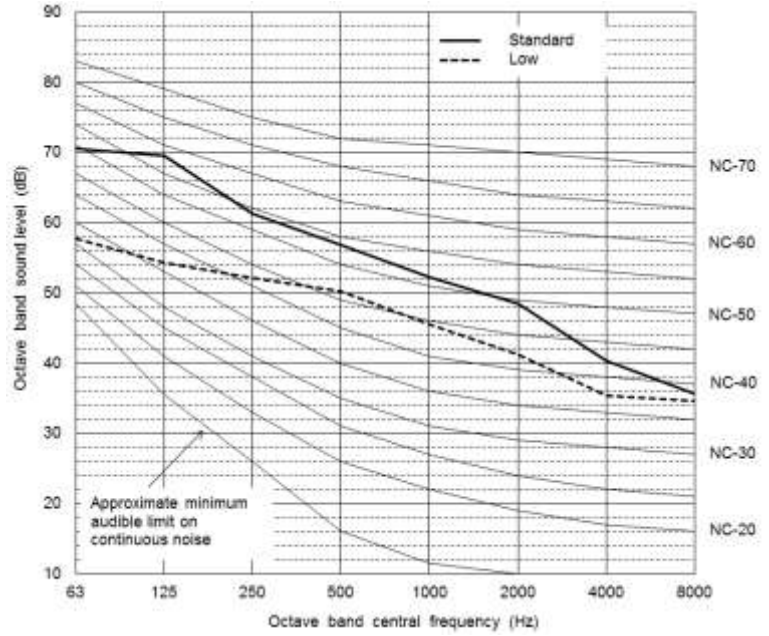


Figure 23 - 38VMA096RDS6-1

Table 36 - 38VMA096RDS6-1

38VMA096RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	70.6	69.5	61.3	56.8	52.2	48.5	40.3	35.6	59.6
Low noise mode	60Hz	57.7	54.3	52.1	50.2	45.6	41.2	35.3	34.6	51.7

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

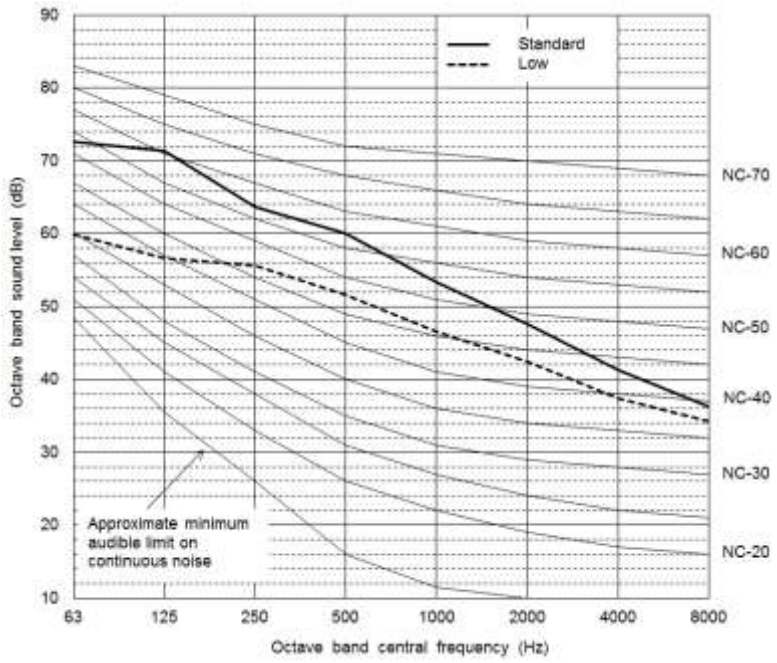


Figure 24 - 38VMA120RDS5-1

Table 37 - 38VM120RDS5-1

38VM120RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	72.6	71.4	63.6	60.0	53.4	47.6	41.3	36.2	60.7
Low noise mode	60Hz	60.0	56.6	55.6	51.6	46.5	42.4	37.3	34.2	53.8

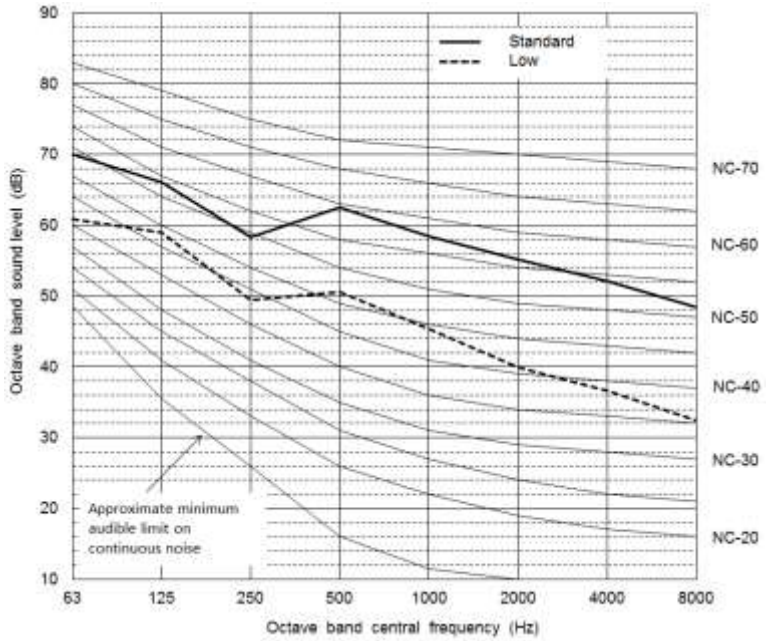


Figure 25 - 38VMA120RDS6-1

Table 38 - 38VM120RDS6-1

38VM120RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	70.0	66.1	58.4	62.5	58.4	55.1	52.1	48.4	62.4
Low noise mode	60Hz	60.9	59.0	49.4	50.6	45.4	39.9	36.6	32.4	50.1

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

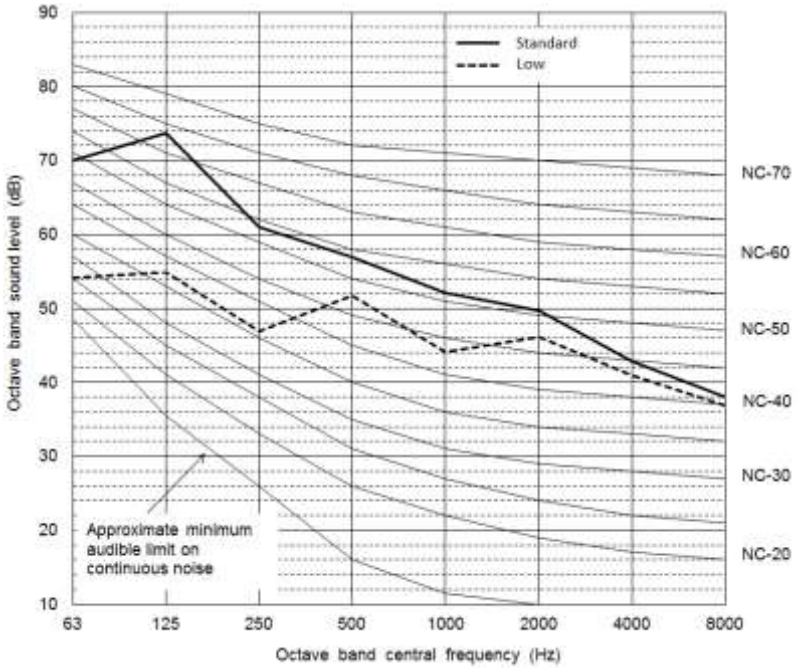


Figure 26 - 38VMA144RDL5-1

Table 39 - 38VMA144RDL5-1

38VMA144RDL5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	70.0	73.6	61.0	57.0	52.1	49.7	42.8	38.0	60.7
Low noise mode	60Hz	54.2	54.9	46.9	51.7	44.0	46.2	40.9	36.9	52.9

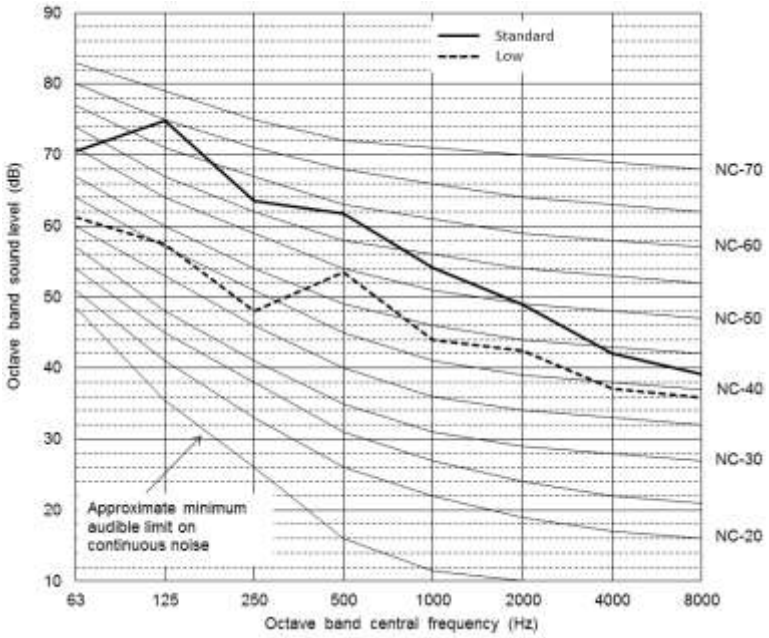


Figure 27 - 38VMA144RDL6-1

Table 40 - 38VMA144RDL6-1

38VMA144RDL6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	70.5	74.8	63.6	61.7	54.1	49.0	42.0	39.1	62.6
Low noise mode	60Hz	61.2	57.4	48.0	53.4	44.0	42.4	37.1	35.8	52.8

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

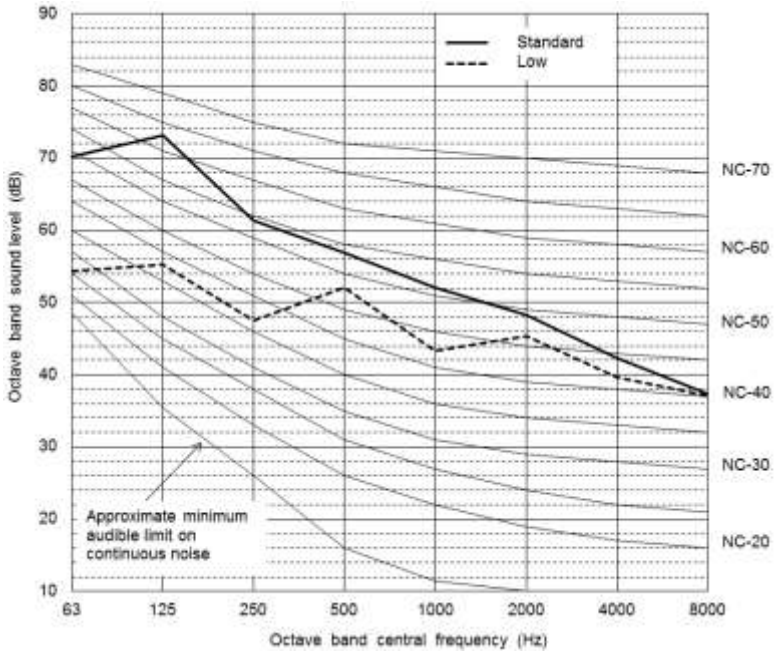


Figure 28 - 38VMA168RDS5-1

Table 41 - 38VMA168RDS5-1

38VMA168RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	70.3	73.2	61.3	56.9	52.0	48.2	42.3	37.4	60.9
Low noise mode	60Hz	54.4	55.3	47.6	52.1	43.3	45.4	39.7	37.2	52.7

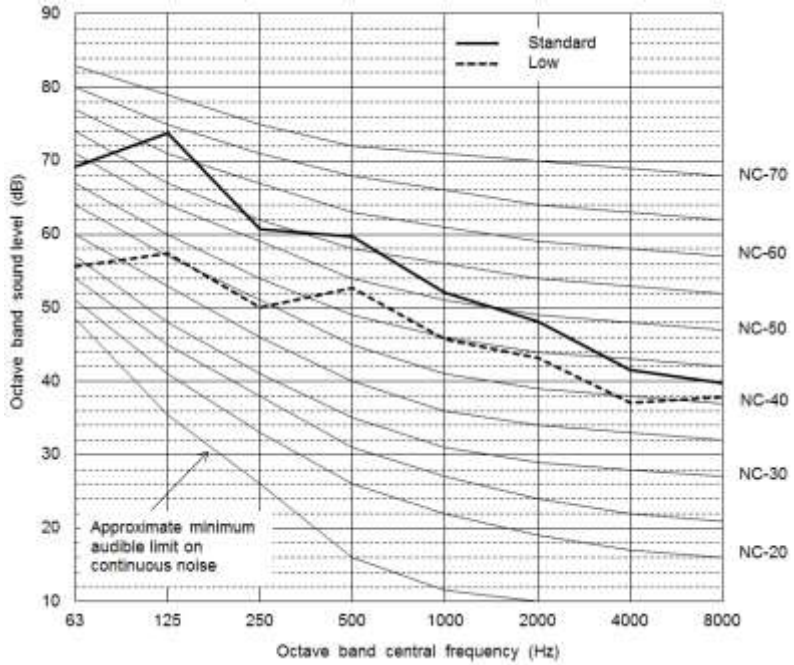


Figure 29 - 38VMA168RDS6-1

Table 42 - 38VMA168RDS6-1

38VMA168RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	69.3	73.7	60.7	59.7	52.1	48.1	41.5	39.7	62.6
Low noise mode	60Hz	55.7	57.4	50.0	52.7	45.7	43.2	37.1	37.9	52.8

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

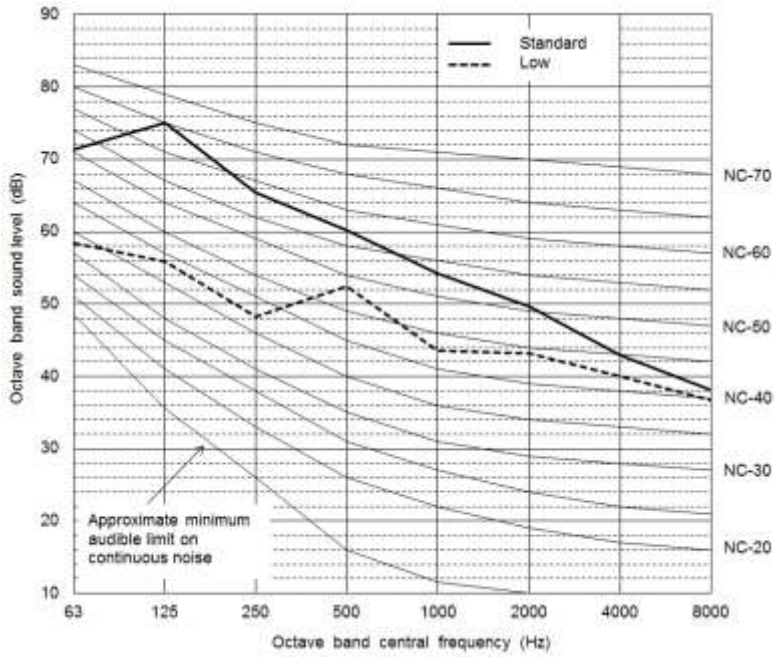


Figure 30 - 38VMA192RDS5-1

Table 43 - 38VMA196RDS5-1

38VMA196RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	71.4	75.1	65.4	60.2	54.2	49.6	43.0	38.1	63.0
Low noise mode	60Hz	58.5	55.9	48.2	52.5	43.6	43.2	40.0	36.7	52.6

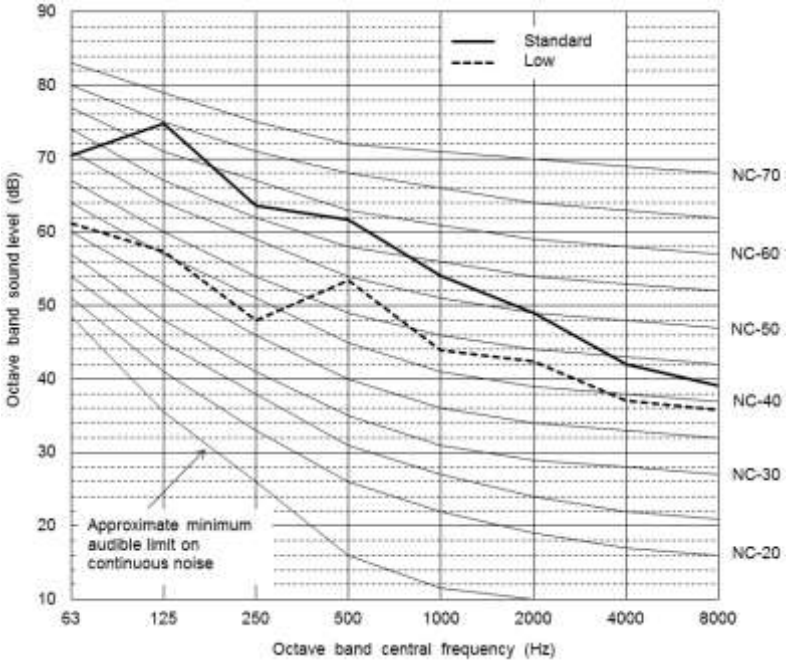


Figure 31 - 38VMA192RDS6-1

Table 44 - 38VMA196RD65-1

38VMA196RD65-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	70.5	74.8	63.6	61.7	54.1	49.0	42.0	39.1	63.0
Low noise mode	60Hz	61.2	57.4	48.0	53.4	44.0	42.4	37.1	35.8	52.7

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

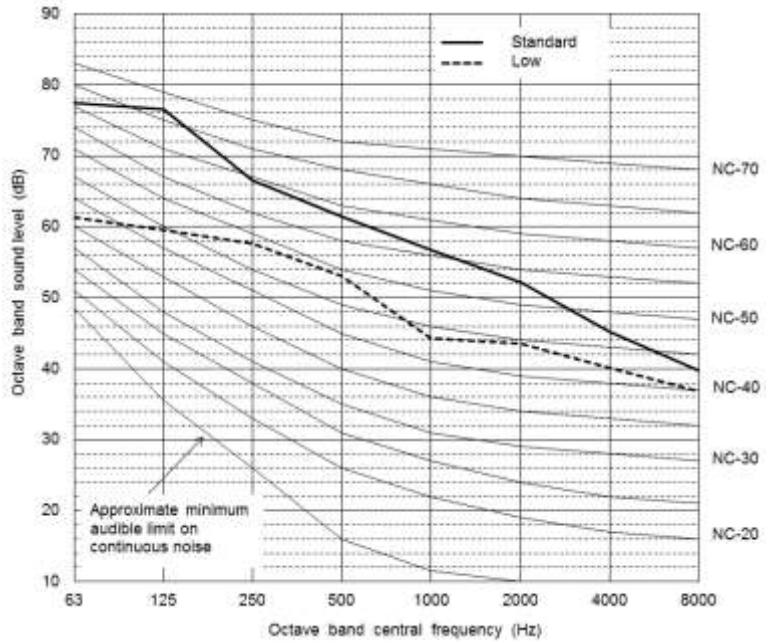


Figure 32 - 38VMA216RDS5-1

Table 45 - 38VMA216RDS5-1

38VMA216RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	77.4	76.6	66.5	61.4	56.7	52.2	45.1	39.7	65.0
Low noise mode	60Hz	61.3	59.5	57.6	53.1	44.3	43.5	40.1	36.8	54.1

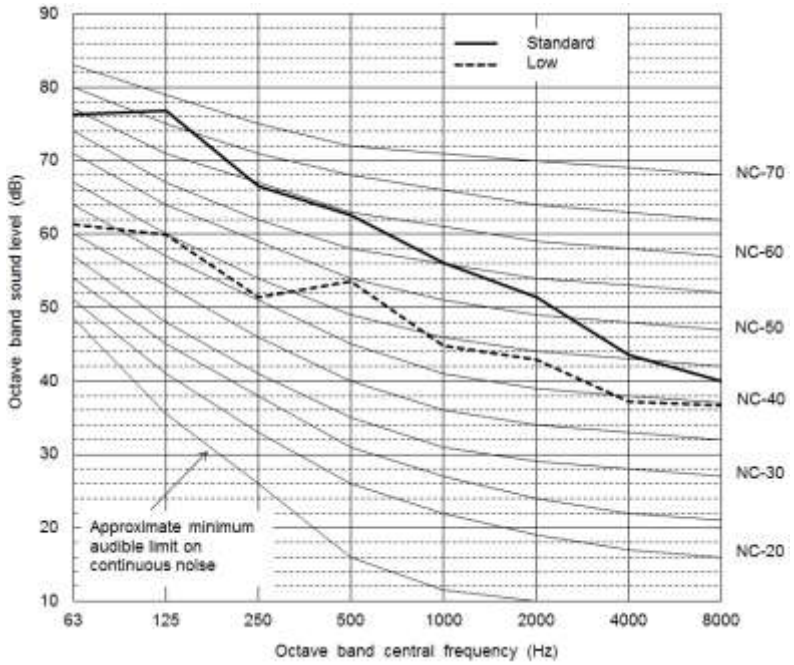


Figure 33 - 38VMA216RDS6-1

Table 46 - 38VMA216RDS6-1

38VMA216RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	76.3	76.8	66.5	62.5	56.1	51.4	43.5	39.9	65.2
Low noise mode	60Hz	61.3	60.0	51.4	53.5	44.8	42.9	37.2	36.7	53.2

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

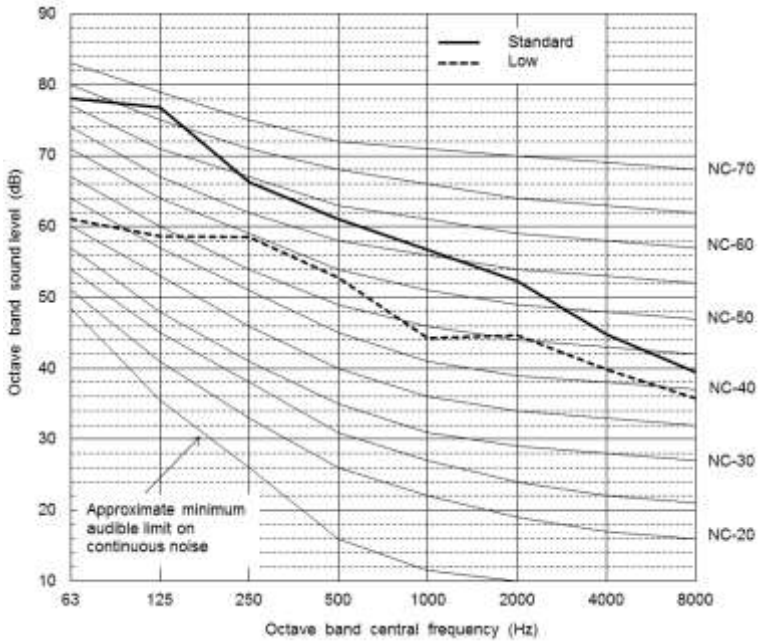


Figure 34 - 38VMA240RDS5-1

Table 47 - 38VM240RDS5-1

38VM240RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	78.1	76.8	66.3	61.1	56.7	52.3	44.8	39.5	65.0
Low noise mode	60Hz	61.1	58.6	58.5	52.8	44.3	44.7	39.8	35.8	54.2

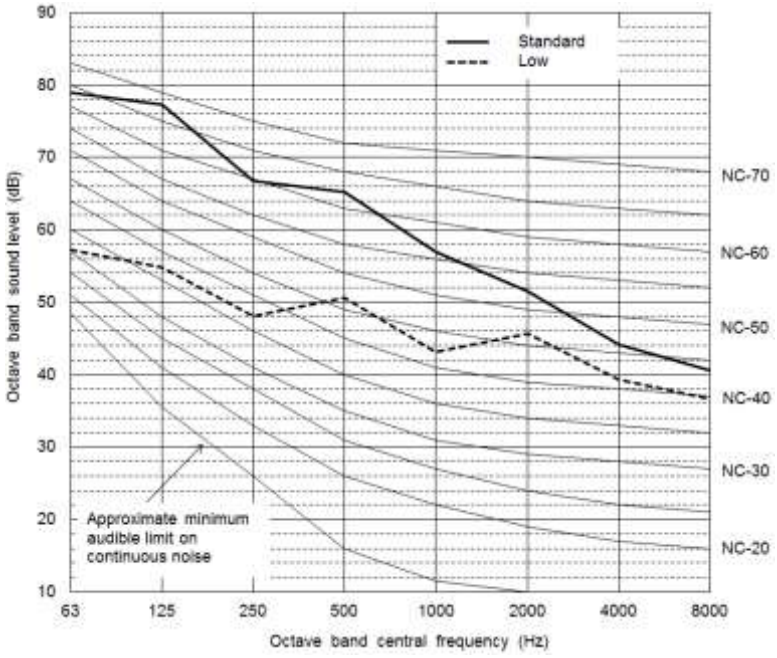


Figure 35 - 38VMA240RDS6-1

Table 48 - 38VM240RDS6-1

38VM240RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	79.0	77.3	66.7	65.2	56.9	51.5	44.2	40.6	66.2
Low noise mode	60Hz	57.3	54.8	48.1	50.6	43.1	45.7	39.3	36.6	51.8

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

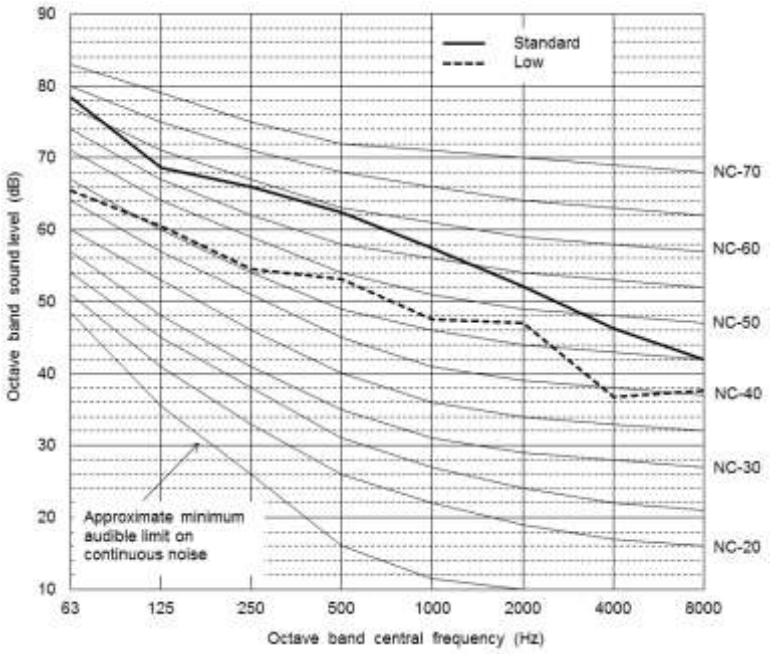


Figure 36 - 38VMA240RDL5-1

Table 49 - 38VM240RDL5-1

38VM240RDL5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	78.4	68.6	65.9	62.4	57.5	52.1	46.2	41.9	63.9
Low noise mode	60Hz	65.5	60.5	54.5	53.1	47.5	47.1	36.7	37.6	54.7

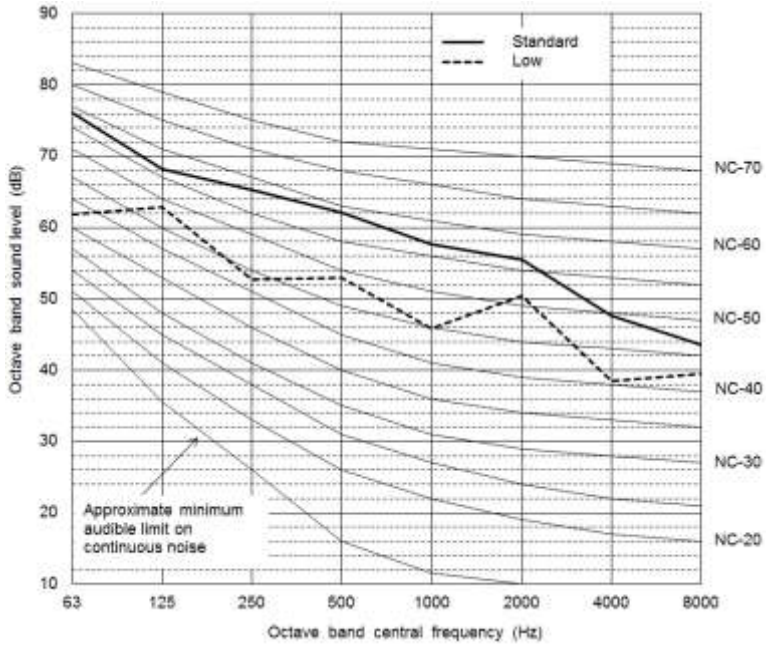


Figure 37 - 38VMA240RDL6-1

Table 50 - 38VMA240RDL6-1

38VM240RDL6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	76.1	68.3	65.2	62.1	57.6	55.5	47.6	43.6	64.0
Low noise mode	60Hz	61.8	62.8	52.7	53.0	45.8	50.5	38.5	39.5	55.7

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

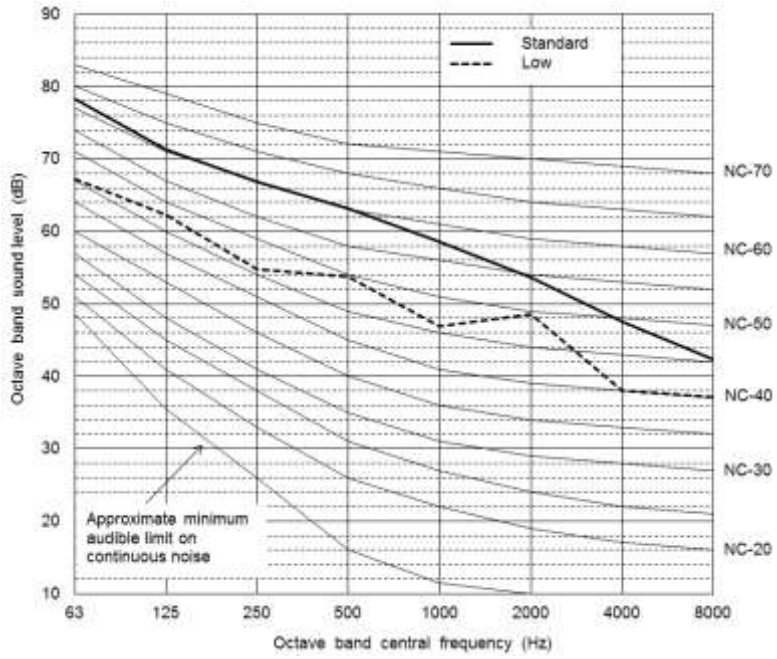


Figure 38 - 38VMA264RDS5-1

Table 51 - 38VM264RDS5-1

38VM264RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	78.3	71.3	66.8	63.2	58.6	53.6	47.5	42.4	64.8
Low noise mode	60Hz	67.2	62.3	54.8	53.8	46.9	48.6	38.0	37.2	55.5

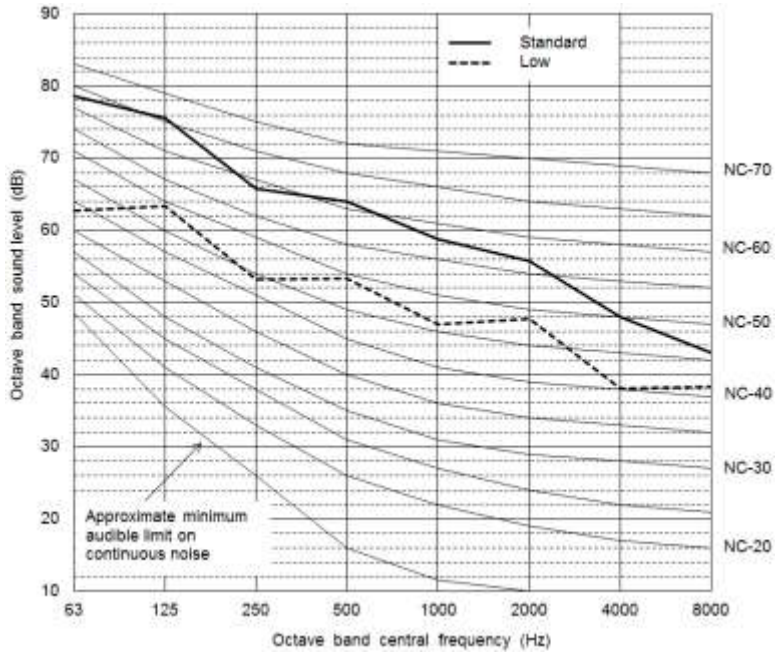


Figure 39 - 38VMA264RDL6-1

Table 52 - 38VM264RDS6-1

38VM264RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	78.6	75.6	65.8	64.0	58.8	55.7	48.1	43.0	65.8
Low noise mode	60Hz	62.7	63.3	53.2	53.3	47.0	47.7	38.1	38.3	55.2

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

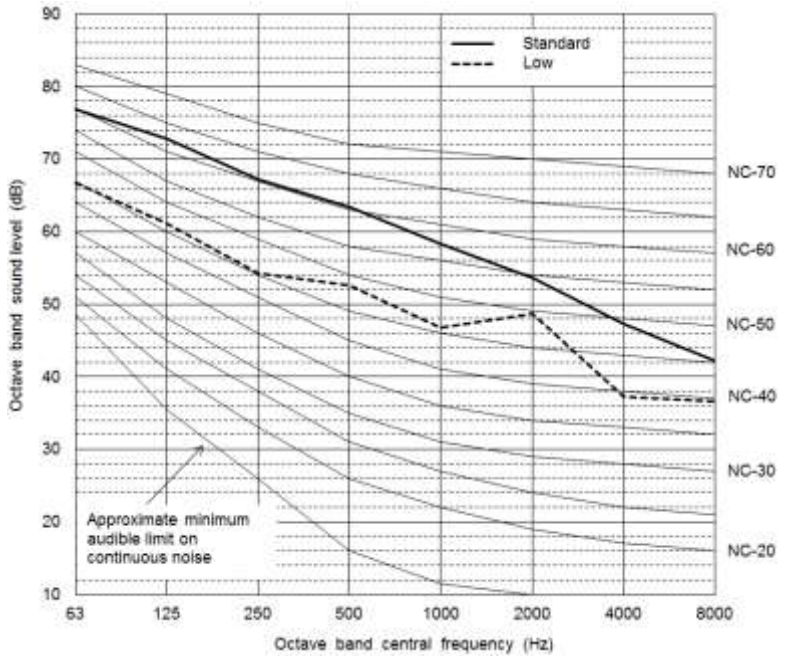


Figure 40 - 38VMA288RDS5-1

Table 53 - 38VMA288RDS5-1

38VM288RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	76.9	72.9	67.2	63.4	58.3	53.6	47.2	42.2	64.8
Low noise mode	60Hz	66.7	61.2	54.3	52.7	46.7	48.7	37.2	36.7	54.9

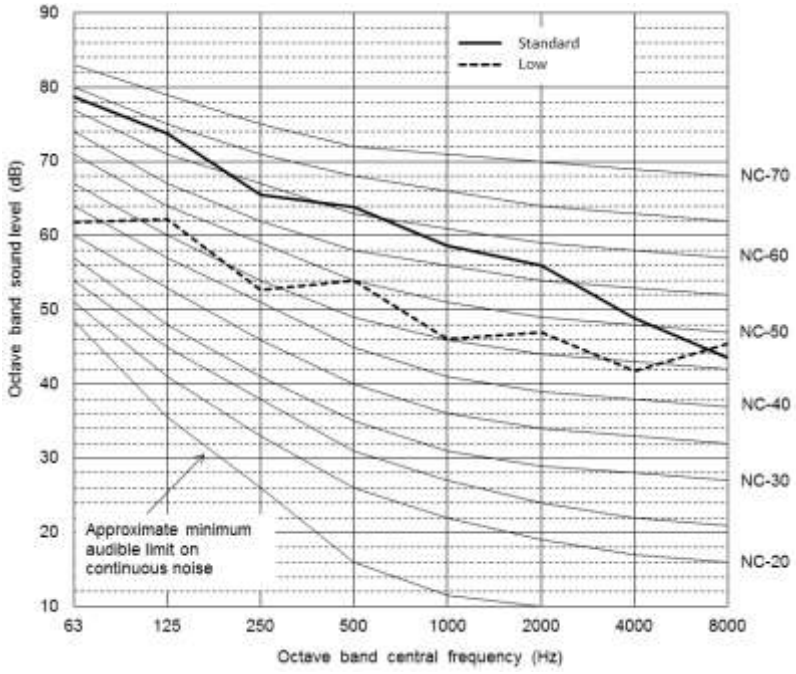


Figure 41 - 38VMA288RDL6-1

Table 54 - 38VM288RDS6-1

38VM288RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	78.7	73.7	65.5	63.9	58.7	56.0	48.9	43.5	65.8
Low noise mode	60Hz	61.9	62.3	52.7	54.0	46.1	47.0	41.7	45.4	55.2

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

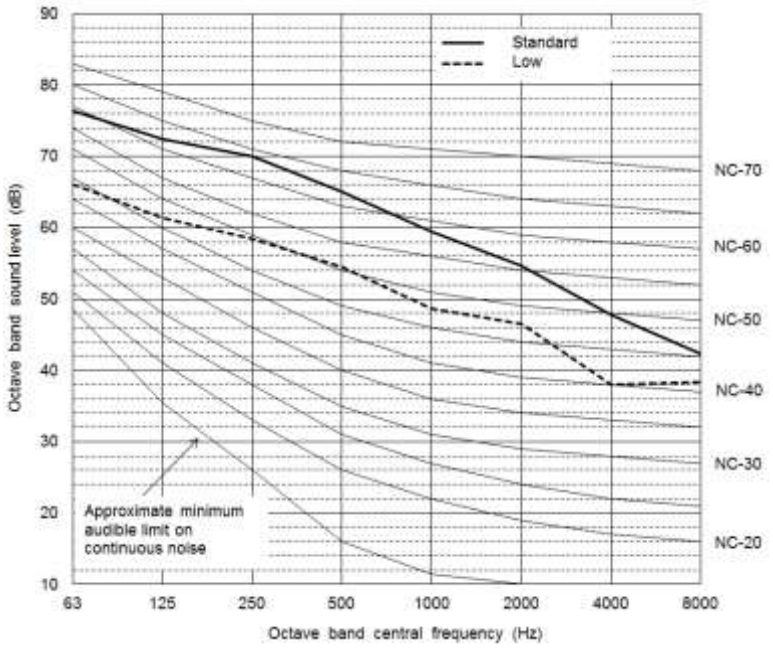


Figure 42 - 38VMA312RDS5-1

Table 55 - 38VM312RDS5-1

38VM312RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	76.4	72.4	70.0	65.1	59.4	54.7	47.8	42.3	66.4
Low noise mode	60Hz	66.0	61.4	58.4	54.4	48.6	46.5	38.0	38.4	56.0

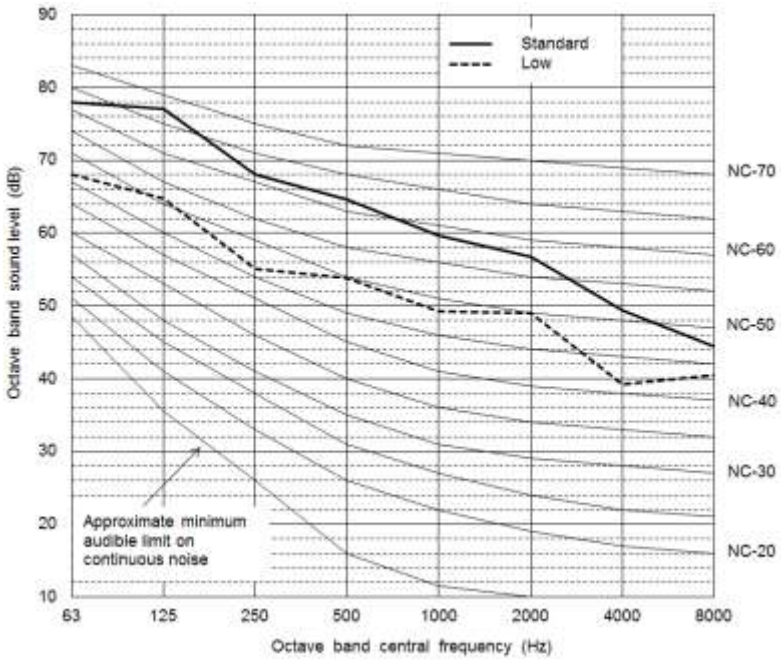


Figure 43 - 38VMA312RDL6-1

Table 56 - 38VM312RDS6-1

38VM312RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	78.0	77.1	68.1	64.6	59.7	56.7	49.4	44.4	66.7
Low noise mode	60Hz	68.0	64.7	55.1	53.8	49.2	49.0	39.2	40.5	56.5

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

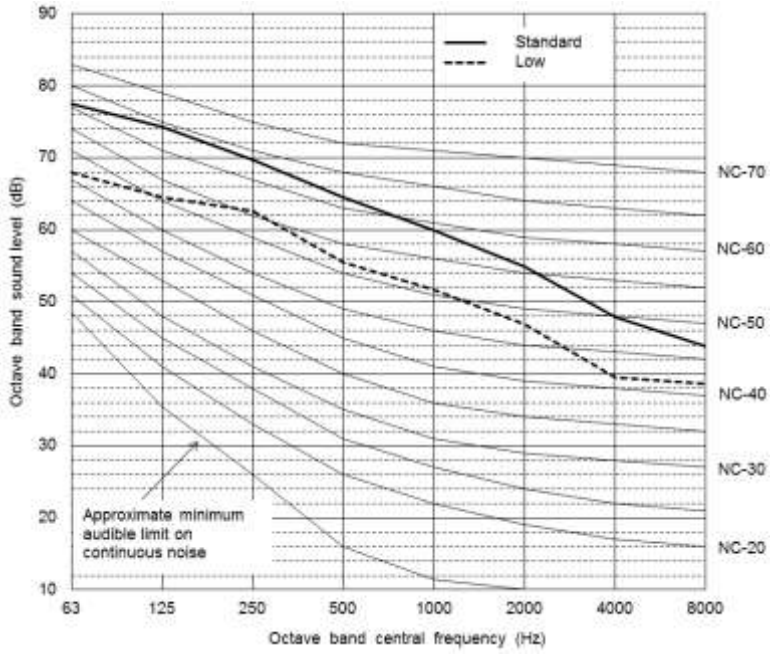


Figure 44 - 38VMA336RDS5-1

Table 57 - 38VMA336RDS5-1

38VM336RDS5-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	77.5	74.3	69.7	64.6	59.9	54.9	47.9	43.8	66.4
Low noise mode	60Hz	67.9	64.5	62.6	55.5	51.7	46.8	39.5	38.7	58.4

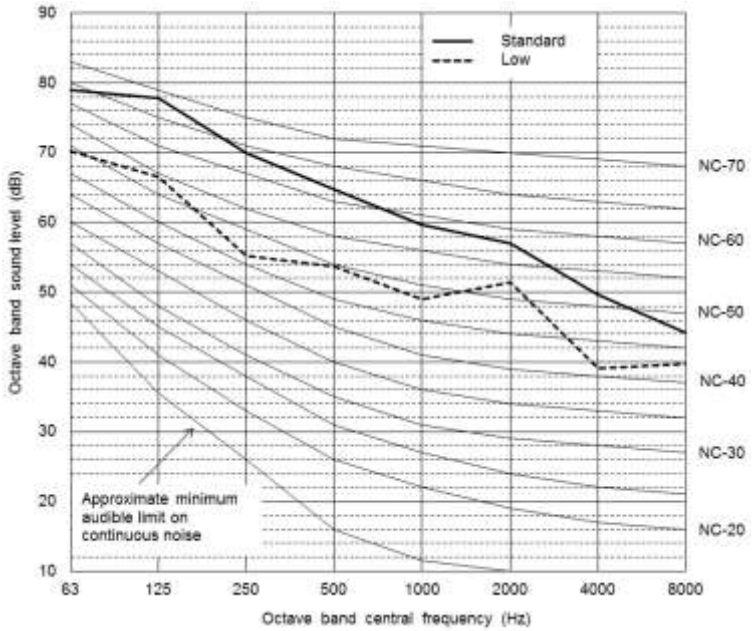


Figure 45 - 38VMA336RDL6-1

Table 58 - 38VMA336RDL6-1

38VM336RDS6-1		63	125	250	500	1000	2000	4000	8000	dB(A)
Standard	60Hz	79.0	77.9	69.9	64.7	59.6	57.0	49.6	44.1	67.2
Low noise mode	60Hz	70.2	66.5	55.2	53.7	49.0	51.4	39.1	39.8	57.5

NOTE: When silent mode is set, the unit's capacity is limited. The unit will automatically exit silent mode if high pressure exceeds 522 psi. The unit will automatically return to silent mode once high side pressure falls below 479 psi.

II. Refrigerant Piping Design

NOTE: For calculation purposes, assume equivalent pipe length of the branching pipe header to be 1.6 ft. (0.5m).

1. Piping Scheme

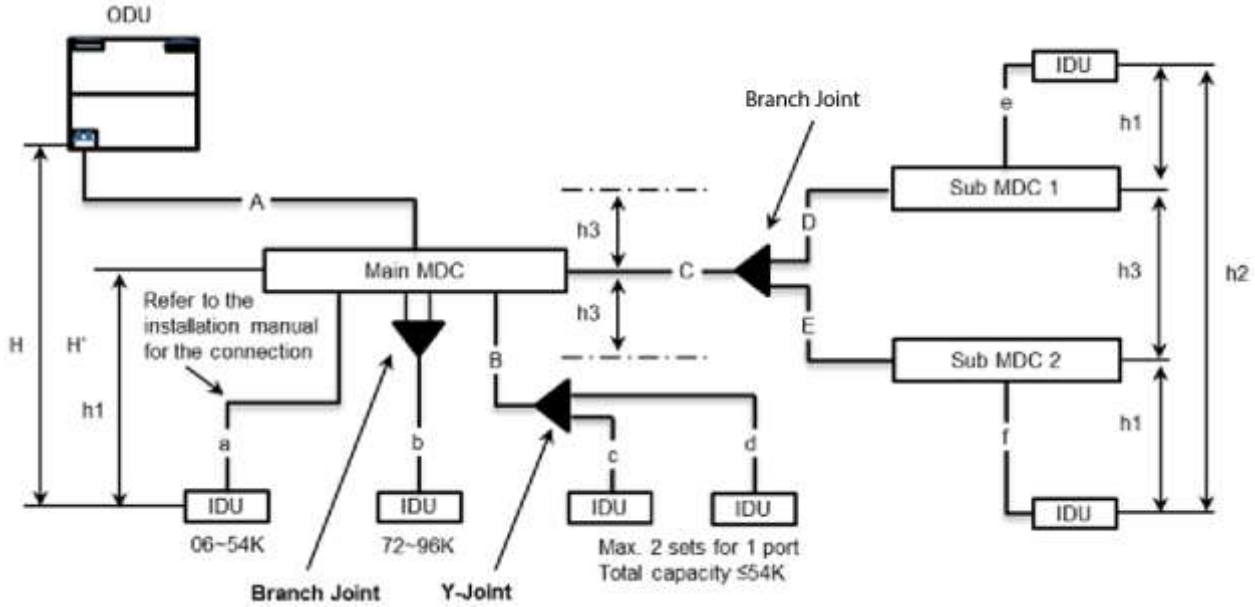


Figure 46 - Piping Length and Drop Height

Table 59 - Permitted Pipe Lengths and Drop Heights

Description			Allowable Value (ft)	Pipes
Piping Length	Total Extension of Pipe (Liquid Pipe)	Actual Length	≤ 3280	A + B + C + D + E + a + b + c + d + e + f
	Farthest Piping Length	Equivalent Length	≤ 623	A + C + D + e or A + C + E + f
		Actual Length	≤ 541	
	Distance Between Outdoor Unit & Main MDC	Actual Length	≤ 360	A
	Distance Between MDC & Indoor Unit		≤ 131	B + d, C + D + e, C + E + f
Piping Height Difference	Height between Outdoor Unit and Indoor Unit	Outdoor Unit Above	≤ 164	H
		Outdoor Unit Below	≤ 131	H1
	Height Between MDC & Indoor Unit		≤ 49*	h1
	Distance Between Indoor Units		≤ 98**	h2
	Distance Between MDCs		≤ 49*	h3

*The maximum piping length allowable for indoor unit capacity 72K or more is 32 ft.
**The maximum piping length allowable for indoor unit capacity 72K or more is 64 ft.

Table 60 - Main Pipe Selection

Outdoor unit capacity (kBTU/h)	High pressure side (in.)	Low pressure side
72	5/8	3/4
96	3/4	7/8
120	3/4	1-1/8
144	7/8	1-1/8
168	7/8	1-1/8
192	7/8	1-1/8
216	1-1/8	1-1/8
240	1-1/8	1-3/8
264	1-1/8	1-3/8
288	1-1/8	1-3/8
312	1-1/8	1-5/8
336	1-1/8	1-5/8

Table 61 - Grouped Indoor Unit Pipe Selection

Total down-stream IDU capacity	Liquid pipe	Gas pipe
54K or less	3/8"	5/8"

Table 62 - Selection of Pipes Between MDCs (C,D,E)

Total capacity of downstream indoor units (kBtu/h)	High pressure side (in.)	Low pressure side (in.)	Liquid side (in.)
≤ 72	5/8	3/4	3/8
73~108	3/4	7/8	3/8
109~126	3/4	1-1/8	1/2
127~144	7/8	1-1/8	1/2
145~168	7/8	1-1/8	5/8

Table 63 - Indoor Unit Pipe Selection (a, b, c, d, e, f)

Indoor unit capacity (kBtu/h)	Liquid size (in.)	Gas side (in.)
07, 09, 12, 15	1/4	1/2
18, 24, 30, 36, 48, 54	3/8	5/8
72	3/8	3/4
96	3/8	7/8

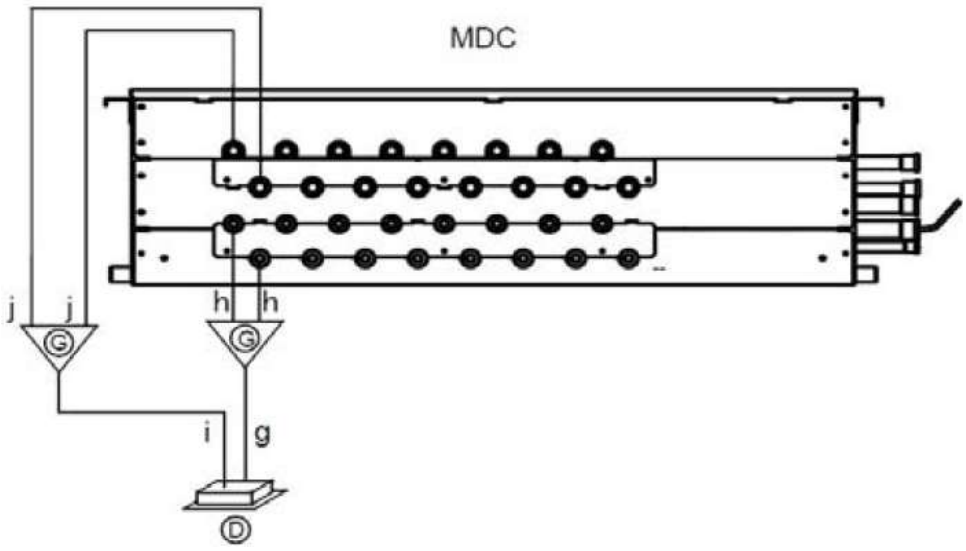


Figure 47 - Merge the two ports

Table 64 - Twinned Port Indoor Unit Pipe Selection (g,h,i,j)

Indoor unit capacity	Y-joint model	Liquid side (in.)		Gas side (in.)	
		g	h	i	j
72	40VM900043	3/8	3/8	5/8	5/8
96		3/8	3/8	7/8	5/8

Table 65 - Y-joint selection

Total capacity downstream indoor units (kBtu/h)	Y-joint model	High pressure side (in.)	Low pressure side (in.)	Low pressure side (in.)
≤ 72	40VM900041	5/8	3/4	3/8
73~108		3/4	7/8	3/8
109~126	40VM900042	3/4	1-1/8	1/2
127~144		7/8	1-1/8	1/2
145~168		7/8	1-1/8	5/8

See "**Error! Reference source not found.**" for Y branch details.

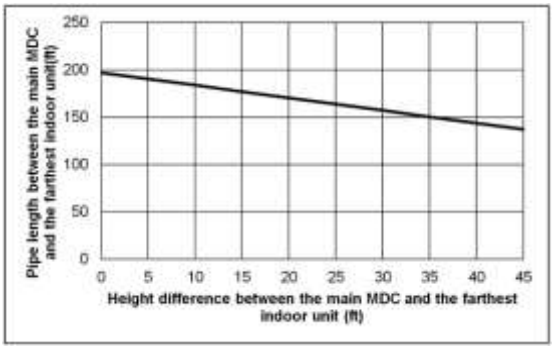


Figure 48 - Piping length and height between indoor unit and MDC

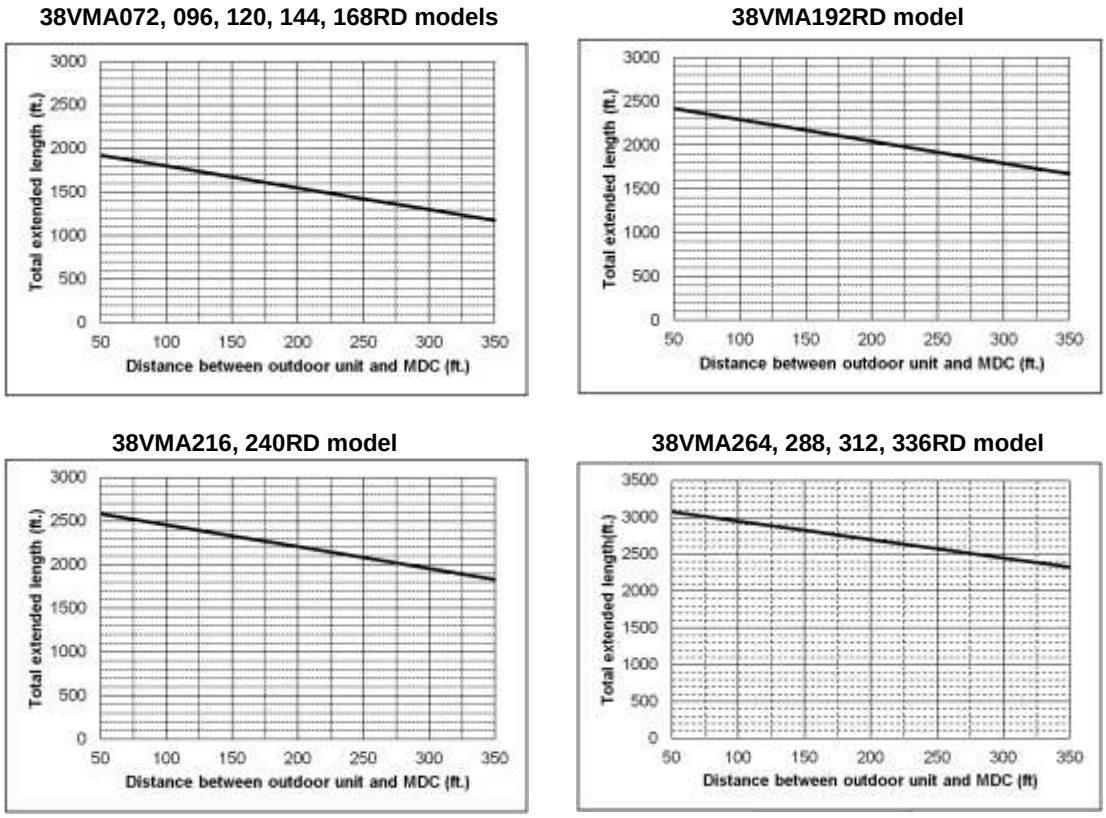


Figure 49 - Total piping length restrictions

2. Equipment Selection

a. Selection Flow Chart

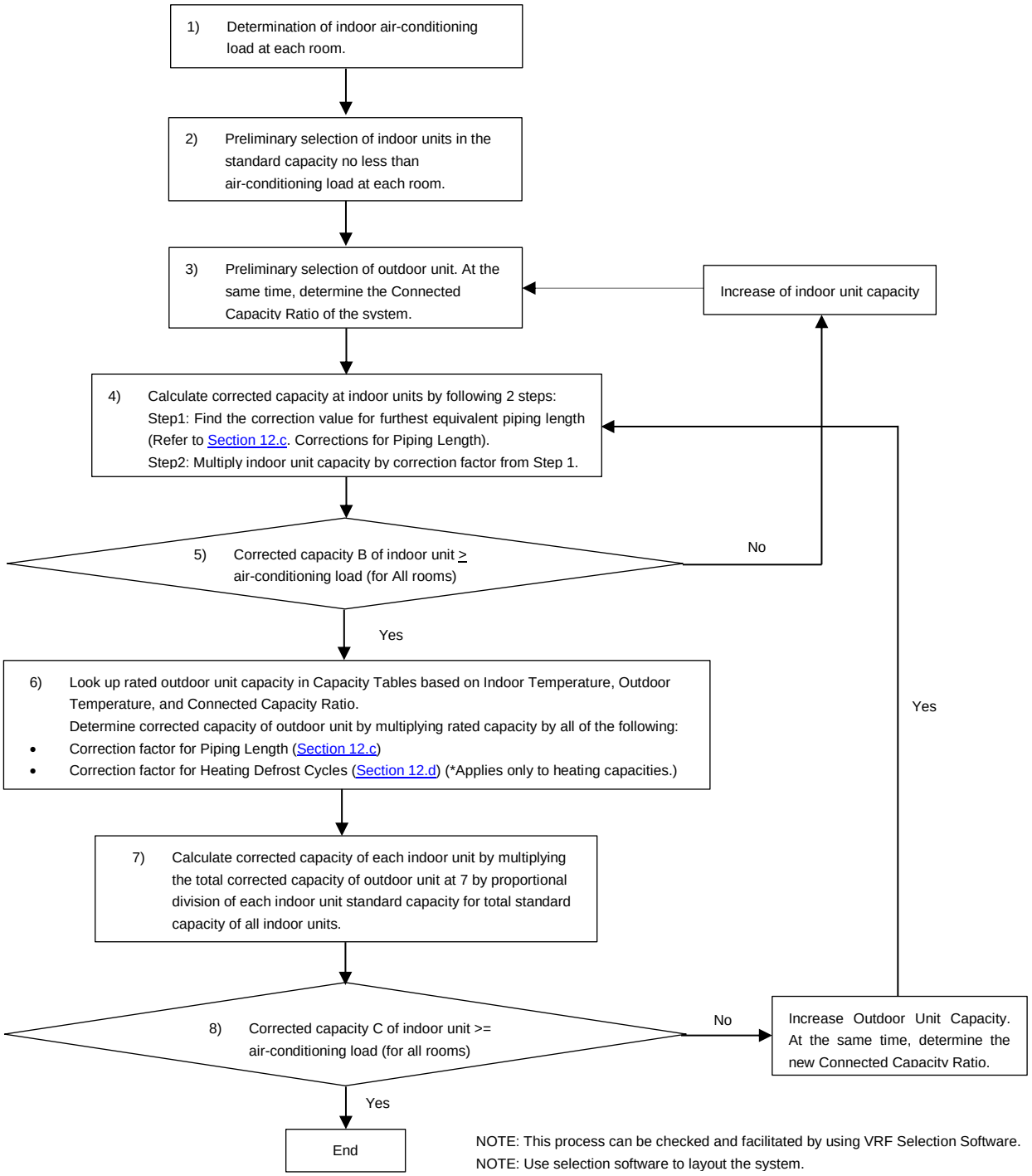


Figure 50 - Selection Flow Chart

b. Connected Capacity Ratio

Table 66 - Indoor Unit Combination Total Capacity Index

Outdoor Unit Ton (kBtu/h)	Indoor Unit Combination Ratio (kBtu/h)								
	135%	120%	110%	100%	90%	80%	70%	60%	50%
6 (72)	97.2	86.4	79.2	72.0	64.8	57.6	50.4	43.2	36.0
8 (96)	129.6	115.2	105.6	96.0	86.4	76.8	67.2	57.6	48.0
10 (120)	162.0	144.0	132.0	120.0	108.0	96.0	84.0	72.0	60.0
12 (144)	194.4	172.8	158.4	144.0	129.6	115.2	100.8	86.4	72.0
14 (168)	226.8	201.6	184.8	168.0	151.2	134.4	117.6	100.8	84.0
16 (192)	259.2	230.4	211.2	192.0	172.8	153.6	134.4	115.2	96.0
18 (216)	291.6	259.2	237.6	216.0	194.4	172.8	151.2	129.6	108.0
20 (240)	324.0	288.0	264.0	240.0	216.0	192.0	168.0	144.0	120.0
22 (264)	356.4	316.8	290.4	264.0	237.6	211.2	184.8	158.4	132.0
24 (288)	388.8	345.6	316.8	288.0	259.2	230.4	201.6	172.8	144.0
26 (312)	421.2	374.4	343.2	312.0	280.8	.6	218.4	187.2	156.0
28 (336)	453.6	403.2	369.6	336.0	302.4	268.8	235.2	201.6	168.0

Table 67 - Indoor Unit Capacity Index

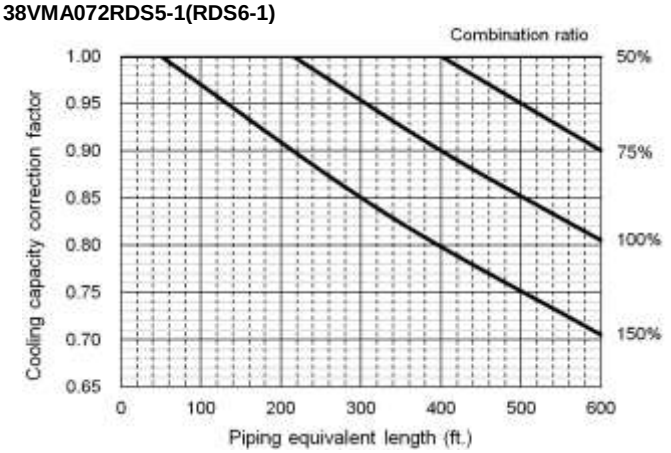
Unit Size	Model 007	Model 009	Model 012	Model 015	Model 018	Model 024
Capacity Index (kBtu/h)	7	9	12	15	18	24
Unit Size	Model 030	Model 036	Model 048	Model 054	Model 072	Model 096
Capacity Index (kBtu/h)	30	36	48	54	72	96

3. Correction of Refrigerant Piping Length

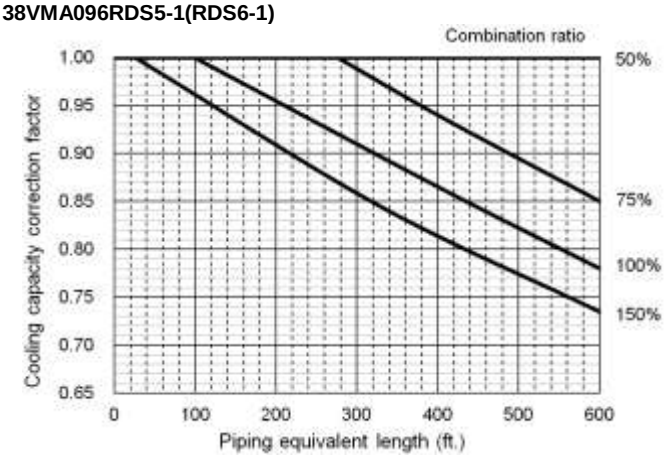
38VMA***RD system can extend the piping flexibly within its limitation to suit the actual situation. However, it will cause a decrease in cooling/heating capacity due to pressure loss because of the longer piping length. Use the following correction factor to calculate the capacity (approximately).

Table 68 - Cooling capacity correction

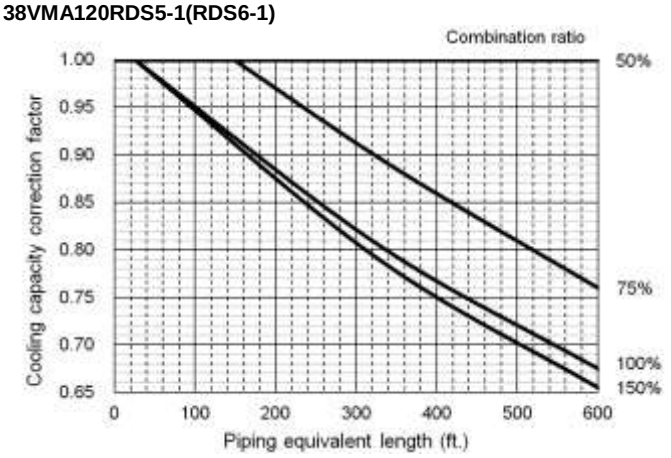
38VMA072RDS5-1(RDS6-1)



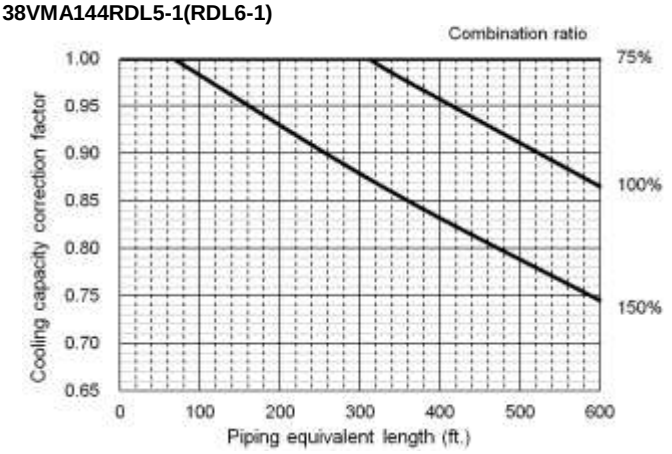
38VMA096RDS5-1(RDS6-1)



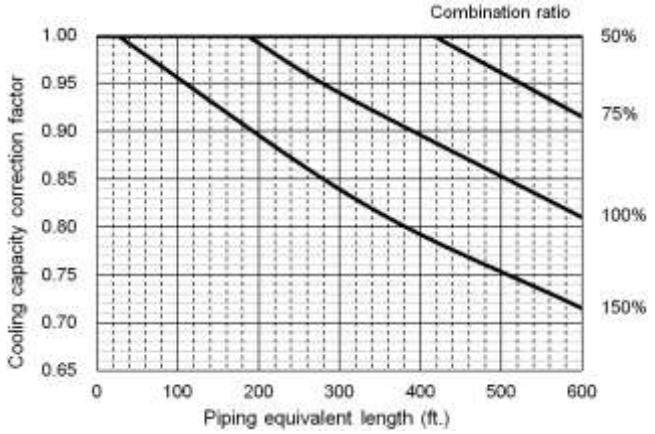
38VMA120RDS5-1(RDS6-1)



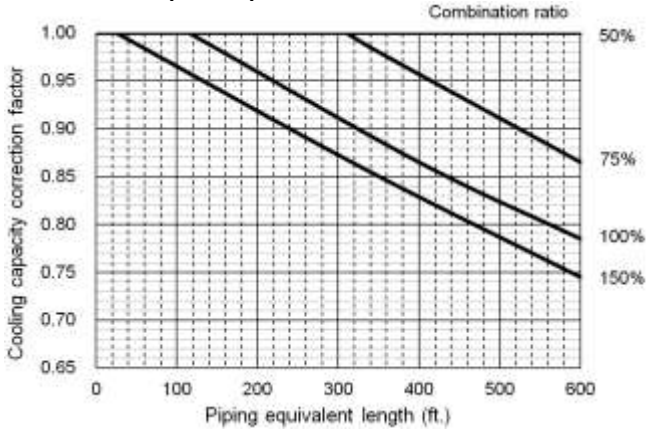
38VMA144RDL5-1(RDL6-1)



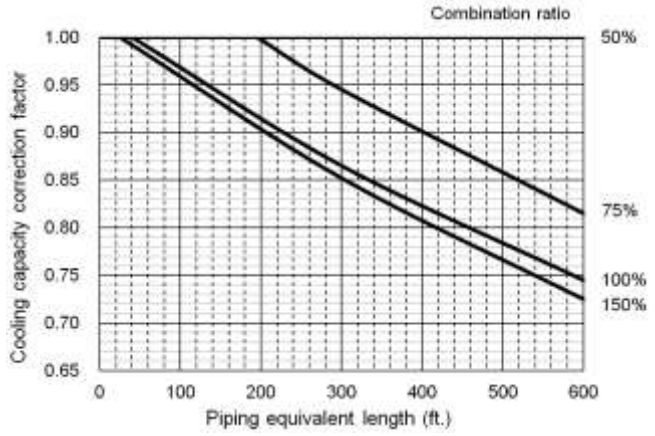
38VMA168RDS5-1(RDS6-1)



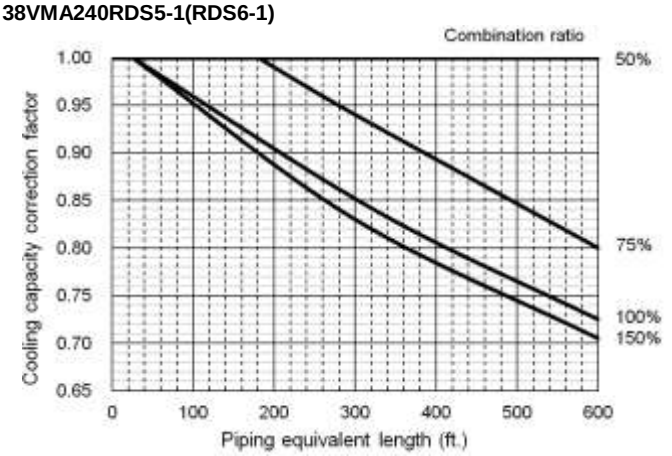
38VMA192RDS5-1(RDS6-1)



38VMA216RDS5-1(RDS6-1)



38VMA240RDS5-1(RDS6-1)



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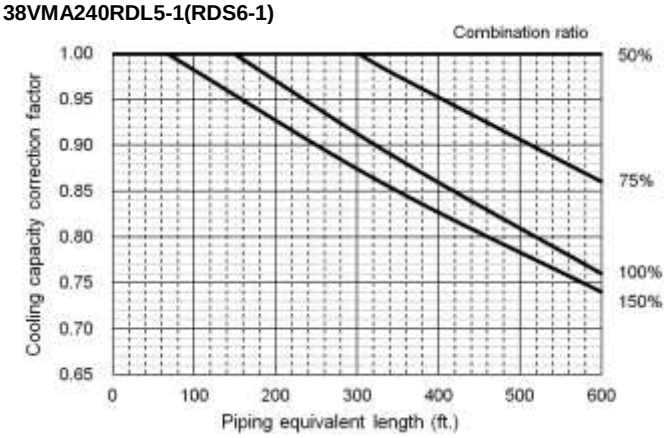

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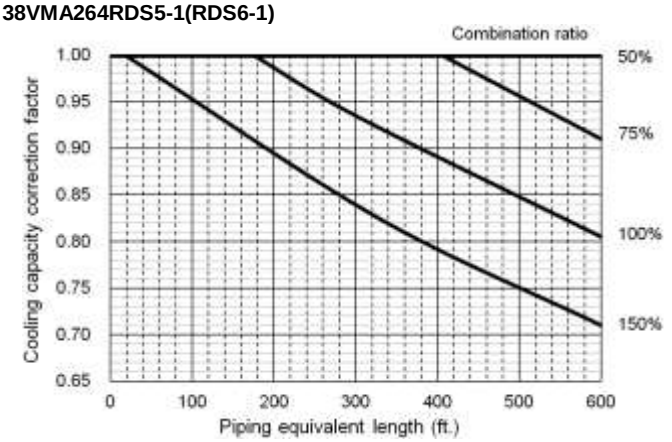
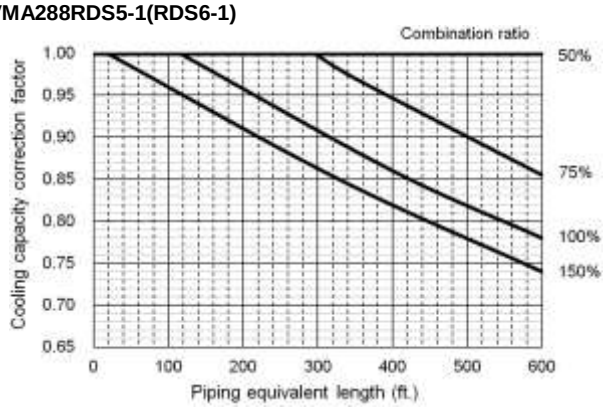
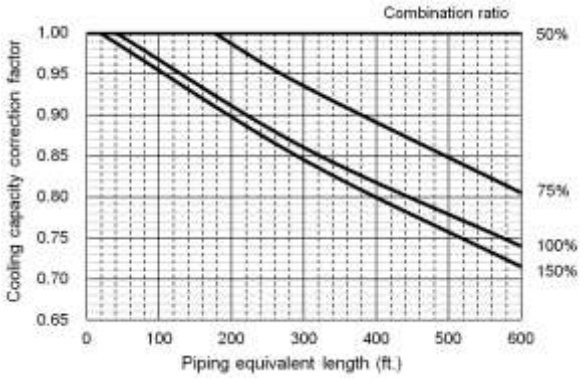


38VMA288RDS5-1(RDS6-1)



38VMA312RDS5-1(RDS6-1)



38VMA336RDS5-1(RDS6-1)

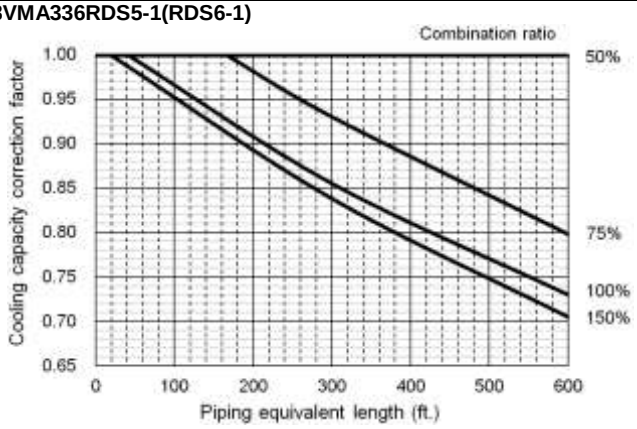
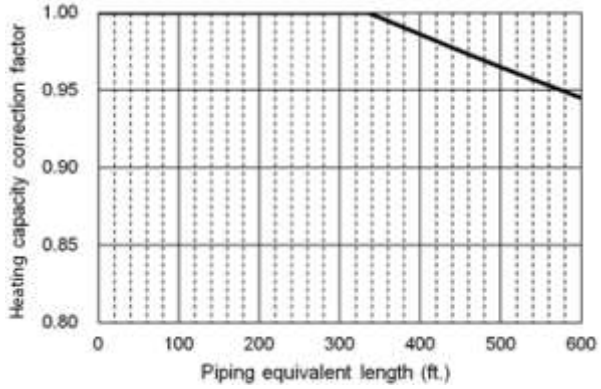
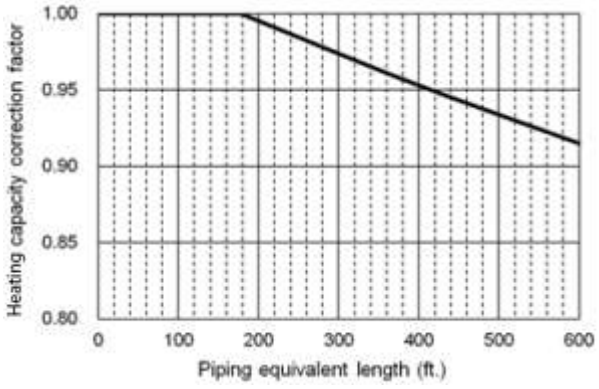


Table 69 - Heating capacity correction

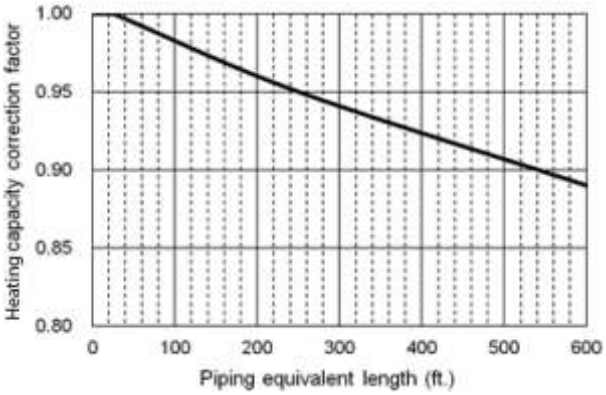
38VMA072RDS5-1(RDS6-1)



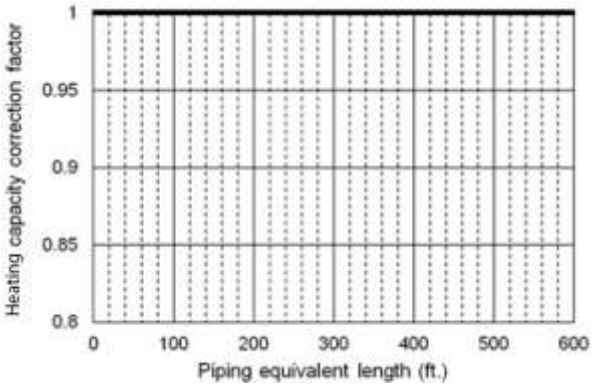
38VMA096RDS5-1(RDS6-1)



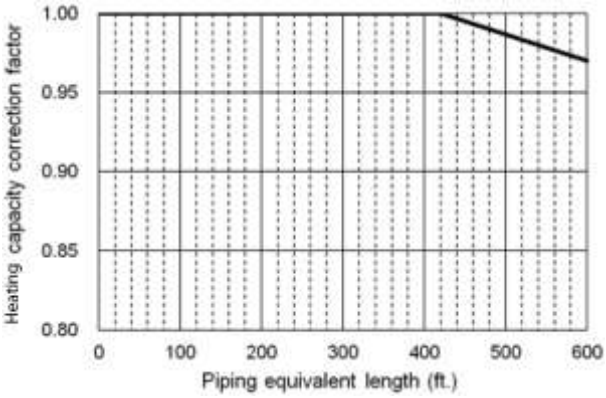
38VMA120RDS5-1(RDS6-1)



38VMA144RDL5-1(RDL6-1)



38VMA168RDS5-1(RDS6-1)



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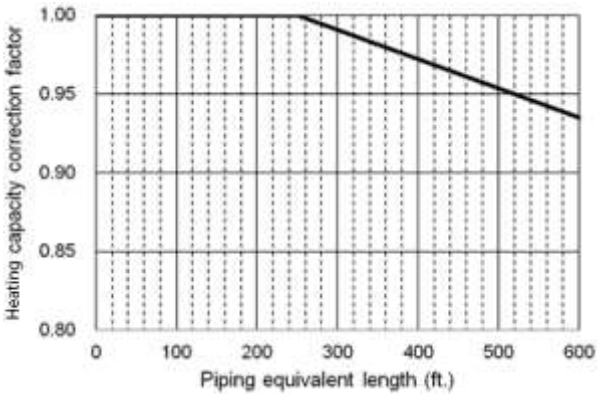
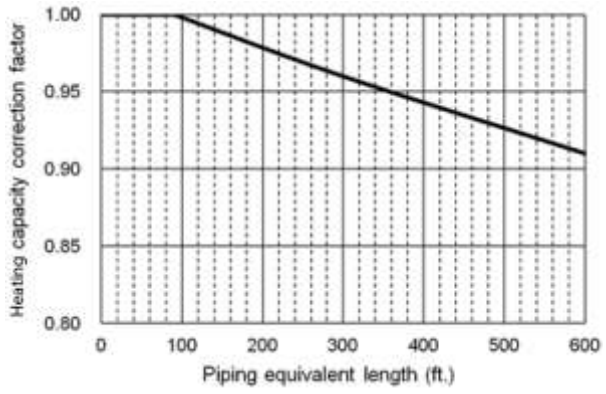
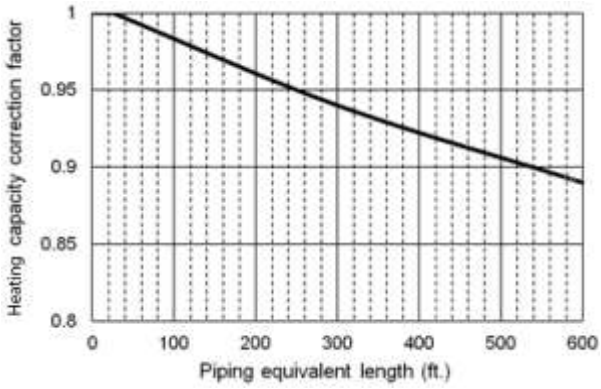


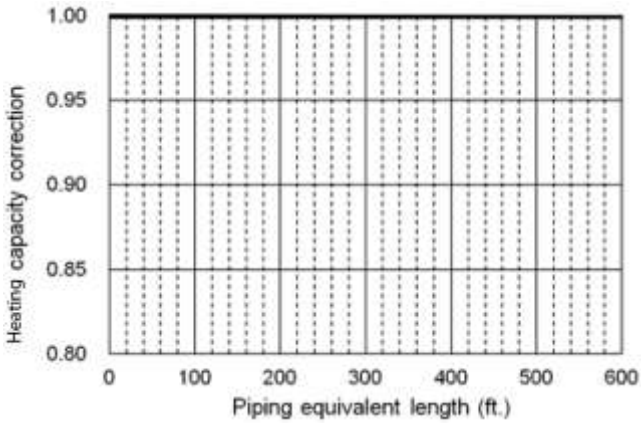
38VMA216RDS5-1(RDS6-1)



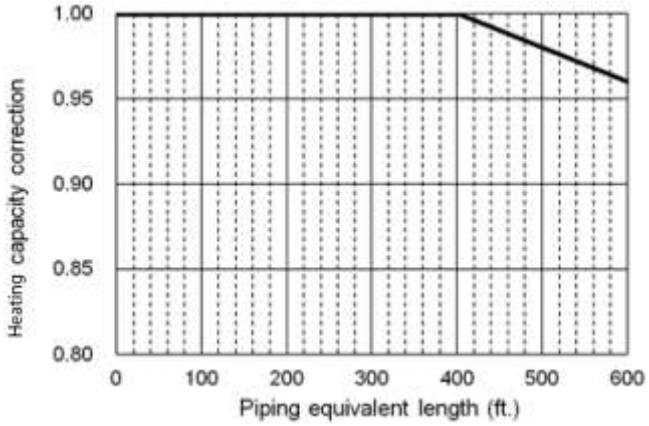
38VMA240RDS5-1(RDS6-1)



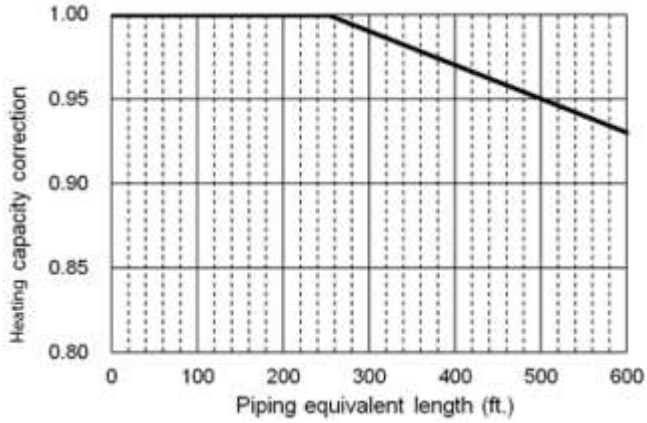
38VMA240RDL5-1(RDS6-1)



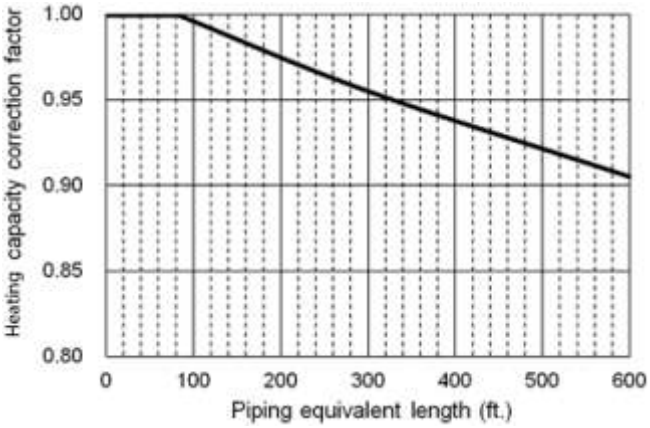
38VMA264RDS5-1(RDS6-1)



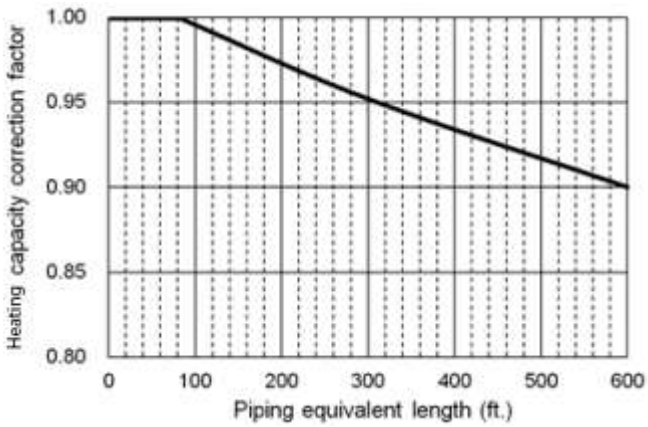
38VMA288RDS5-1(RDS6-1)



38VMA312RDL5-1(RDL6-1)



38VMA336RDS5-1(RDS6-1)



a. How to Get the Equivalent Piping Length

Bends cause pressure loss when refrigerant is transported, so make sure there are as few bends in the system as possible. Piping length needs to include the actual length and the equivalent length where the bends are counted.

38VMA072~336RDS(L)5-1
38VMA072~336RDS(L)6-1

Equivalent length = (Actual piping length to the farthest indoor unit) + (1.64 x number of bends on the piping) [ft.]

b. Correction Factor for Frosting and Defrosting

In low temperature heating operation, the outdoor heat exchanger may be covered with frost causing the heating capacity to decrease. However, the system automatically carries out defrost action, and the average heating capacity can be calculated by multiplying the correction factor shown below.

Table 70 - Correction Factor - Frosting/Defrosting

Outdoor inlet air temp. °CWB	6	4	2	1	0	-2	-4	-6	-8	-10	-20
Outdoor inlet air temp. °FWB	43	39	36	34	32	28	25	21	18	14	-4
38VMA072RDS5-1 (RDS6-1)	1	0.98	0.87	0.86	0.85	0.89	0.92	0.94	0.95	0.95	0.95
38VMA096RDS5-1 (RDS6-1)	1	0.95	0.86	0.84	0.84	0.88	0.91	0.93	0.95	0.95	0.95
38VMA120RDS5-1 (RDS6-1)	1	0.92	0.84	0.82	0.83	0.86	0.9	0.9	0.92	0.95	0.95
38VMA144RDL5-1 (RDL6-1)	1	0.98	0.92	0.88	0.9	0.91	0.92	0.94	0.95	0.95	0.95
38VMA168RDS5-1 (RDS6-1)	1	0.98	0.9	0.88	0.9	0.91	0.92	0.94	0.95	0.95	0.95
38VMA192RDS5-1 (RDS6-1)	1	0.98	0.89	0.86	0.88	0.9	0.91	0.93	0.94	0.95	0.95
38VMA216RDS5-1 (RDS6-1)	1	0.94	0.87	0.84	0.86	0.88	0.91	0.92	0.92	0.95	0.95
38VMA240RDS5-1 (RDS6-1)	1	0.92	0.84	0.82	0.84	0.85	0.88	0.89	0.9	0.95	0.95
38VMA240RDL5-1 (RDL6-1)	1	0.98	0.92	0.88	0.9	0.91	0.92	0.94	0.95	0.95	0.95
38VMA264RDS5-1 (RDS6-1)	1	0.98	0.9	0.88	0.9	0.91	0.92	0.94	0.95	0.95	0.95
38VMA288RDS5-1 (RDS6-1)	1	0.98	0.89	0.86	0.88	0.9	0.91	0.93	0.94	0.95	0.95
38VMA312RDS5-1 (RDS6-1)	1	0.94	0.87	0.84	0.86	0.88	0.91	0.92	0.92	0.95	0.95
38VMA336RDS5-1 (RDS6-1)	1	0.93	0.86	0.83	0.85	0.97	0.91	0.92	0.92	0.95	0.95

4. Refrigerant Charge Calculation

Calculate the amount of refrigerant (R-410A) to add using Table 71 to Table 75 and Figure 51.

Table 71 - Refrigerant to add per high pressure pipe

High pressure (mixed-phase) pipe diameter Ø (in.)	Refrigerant to be added per foot (lb/ft)
1 -1/8	0.254
7/8	0.141
3/4	0.094
5/8	0.061

Table 72 - Refrigerant to add per liquid pipe

Liquid pipe diameter Ø (in.)	Refrigerant to be added per foot (lb/ft)
5/8	0.114
1/2	0.074
3/8	0.038
1/4	0.015

Table 73 - Refrigerant to add for main MDC

Main MDC model name	Charge amount per unit (lbs)
40VMD006M	11.0
40VMD008M	11.0
40VMD010M	11.0
40VMD016M	11.0
40VMD016ML	15.4

Table 74 - Refrigerant to add for sub MDC

Main MDC model name	Charge amount per unit (lbs)
40VMD006S	2.2
40VMD008S	2.2
40VMD010S	4.4
40VMD016S	4.4

Table 75 - Refrigerant to add for connected capacity

Total Connected Capacity of Indoor Units	Charge Amount per Unit (lbs)
50%~100%	0
100%~120%	1.1
120%~130%	2.2
130%~	3.3

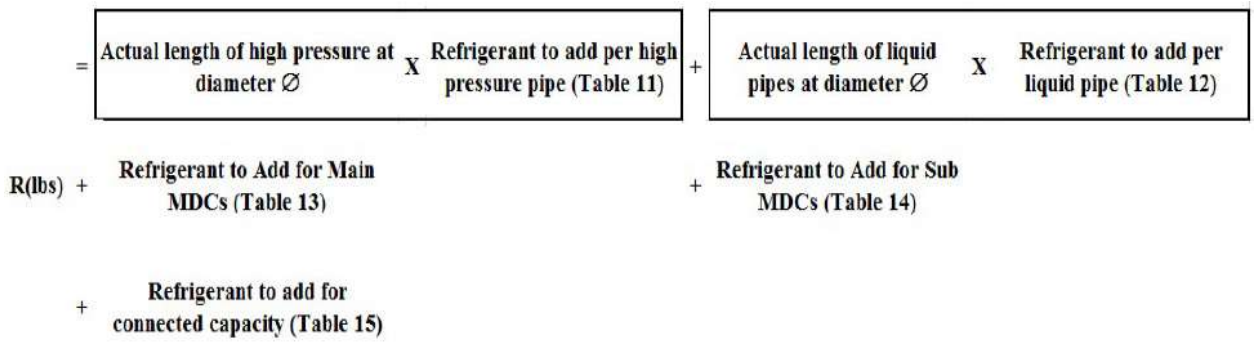


Figure 51 - Calculating the Amount of Refrigerant to Add

5. Maximum Refrigerant Charge

There is a limit to the amount of refrigerant that can be charged into a unit regardless of the amount yielded by the formula. Observe the maximum refrigerant charge in “Table 76 - Maximum Refrigerant Charge.”

Table 76 - Maximum Refrigerant Charge

Outdoor Unit Model Name	72	96	120	144	168	192	216	240	264	288	312	336
Max *1 Refrigerant Charge	57.32	61.73	66.14	121.25	121.25	143.30	165.34	165.34	165.34	165.34	165.34	165.34

* 1 maximum refrigerant charge: the amount of refrigerant to be added on site. All service valves on the outdoor units should remain fully closed. R-410A refrigerant should be added (in liquid state) at the liquid line service port on the unit.

a. Charging Process

1. If the total calculated amount of refrigerant can be added to the system, the charging process is finished.
2. If the total calculated amount of refrigerant cannot be added to the system; close the valve on the refrigerant bottle, and move the charging house from the liquid line service port to the suction line service port.
3. Open the suction and liquid service valves on the unit and start the system in cooling mode.
4. Slowly open the valve on the refrigerant bottle, and carefully release the liquid refrigerant into the suction service port.

The charging process is finished when the total calculated charge amount is added completely to the system.

b. Temperature Operation Limits

38VMA072~144HDS5-1 (6-1)

NOTES:

The following figures assume these operating conditions:

- Equivalent piping length = 295-1/4in. (7.5m)
- Level difference = 0

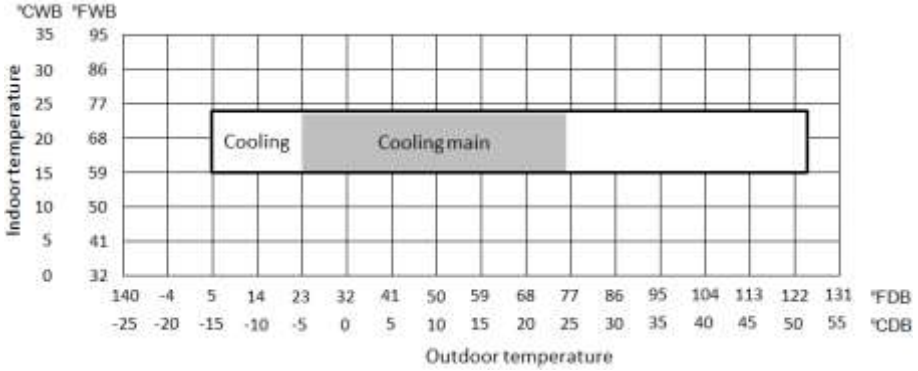


Figure 52 - Temperature Operation Limits – Cooling

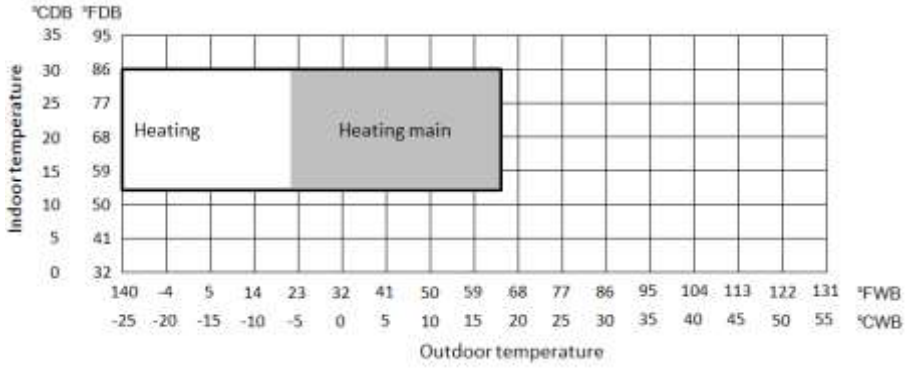


Figure 53 - Temperature Operation Limits – Heating

Table 77 - Operating Temperature Range

Mode	Outdoor Temperature	Indoor Temperature
Cooling	5~125°FDB (-15~51.7°CDB)	59~75°FWB (15~23.9°CWB)
Heating	-13~64°FWB (-25~17.8°CWB)	54~86°FDB (12.2~30°CDB)
Cooling Main	23~75°FDB (-5~23.9°CDB)	C: 59~75°FWB (15~23.9°CWB) H: 54~86°FDB (12~30°CDB)
Heating Main	21~64°FWB (-6.1~17.8°CWB)	

III. Capacity Tables

1. Cooling Capacity

Table 78 - 38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	51.2	1.5	65.6	2.1	76.5	2.6	87.3	3.1	98.1	3.7	105.3	4.1	116.1	4.7
	30	51.2	1.5	65.6	2.1	76.5	2.6	87.3	3.2	98.1	3.8	105.3	4.2	116.1	4.9
	40	51.2	1.6	65.6	2.2	76.5	2.7	87.3	3.3	98.1	3.9	105.3	4.3	116.1	5.0
	50	51.2	1.6	65.6	2.3	76.5	2.8	87.3	3.4	98.1	4.1	105.3	4.5	116.1	5.2
	54	51.2	1.7	65.6	2.3	76.5	2.9	87.3	3.5	98.1	4.1	105.3	4.6	116.1	5.3
	58	51.2	1.7	65.6	2.4	76.5	3.0	87.3	3.6	98.1	4.3	105.3	4.7	116.1	5.5
	62	51.2	1.8	65.6	2.5	76.5	3.1	87.3	3.7	98.1	4.4	105.3	4.9	116.1	5.7
	66	51.2	1.9	65.6	2.6	76.5	3.2	87.3	3.8	98.1	4.6	105.3	5.1	116.1	5.9
	70	51.2	1.9	65.6	2.7	76.5	3.3	87.3	4.0	98.1	4.8	105.3	5.3	116.1	6.1
	72	51.2	2.0	65.6	2.8	76.5	3.4	87.3	4.1	98.1	4.9	105.3	5.4	116.1	6.3
	75	51.2	2.1	65.6	2.9	76.5	3.5	87.3	4.3	98.1	5.1	105.3	5.6	116.1	6.5
	79	51.2	2.2	65.6	3.0	76.5	3.8	87.3	4.5	98.1	5.4	105.3	6.0	116.1	6.9
	83	51.2	2.3	65.6	3.2	76.5	4.0	87.3	4.8	98.1	5.7	105.3	6.4	116.1	7.4
	87	51.2	2.5	65.6	3.5	76.5	4.3	87.3	5.2	98.1	6.1	105.3	6.8	116.1	7.9
	91	51.2	2.7	65.6	3.7	76.5	4.6	87.3	5.6	98.1	6.6	105.3	7.3	116.1	8.5
	93	51.2	2.8	65.6	3.9	76.5	4.8	87.3	5.8	98.1	6.8	105.3	7.6	116.1	8.8
	95	51.2	2.9	65.6	4.0	76.5	5.0	87.3	6.0	98.1	7.1	105.3	7.9	116.1	9.2
	99	51.2	3.1	65.6	4.4	76.5	5.4	87.3	6.5	98.1	7.7	105.3	8.6	116.1	9.9
	103	51.2	3.4	65.6	4.7	76.5	5.8	87.3	7.1	98.1	8.4	105.3	9.3	116.1	10.8
	106	51.2	3.6	65.6	5.0	76.5	6.2	87.3	7.5	98.1	8.9	105.3	9.9	116.1	11.5
	110	51.2	3.9	65.6	5.5	76.5	6.8	87.3	8.2	98.1	9.7	105.3	10.8	116.1	12.5
	115	51.2	4.4	65.6	6.1	76.5	7.6	87.3	9.1	98.1	10.8	103.8	11.8	104.1	11.8
	118	51.2	4.7	65.6	6.5	76.5	8.1	87.3	9.8	93.0	10.7	93.2	10.7	93.5	10.8
	122	51.2	5.1	65.6	7.1	74.3	8.5	74.6	8.5	74.8	8.5	74.9	8.6	75.2	8.6
140	23	50.5	1.5	64.7	2.0	75.3	2.5	86.0	3.0	96.7	3.6	103.8	4.0	114.4	4.6
	30	50.5	1.5	64.7	2.1	75.3	2.6	86.0	3.1	96.7	3.7	103.8	4.1	114.4	4.8
	40	50.5	1.6	64.7	2.2	75.3	2.7	86.0	3.2	96.7	3.8	103.8	4.2	114.4	4.9
	50	50.5	1.6	64.7	2.2	75.3	2.8	86.0	3.3	96.7	4.0	103.8	4.4	114.4	5.1
	54	50.5	1.7	64.7	2.3	75.3	2.8	86.0	3.4	96.7	4.1	103.8	4.5	114.4	5.2
	58	50.5	1.7	64.7	2.4	75.3	2.9	86.0	3.5	96.7	4.2	103.8	4.6	114.4	5.4
	62	50.5	1.8	64.7	2.4	75.3	3.0	86.0	3.6	96.7	4.3	103.8	4.8	114.4	5.5
	66	50.5	1.8	64.7	2.5	75.3	3.1	86.0	3.8	96.7	4.5	103.8	5.0	114.4	5.7
	70	50.5	1.9	64.7	2.6	75.3	3.3	86.0	3.9	96.7	4.7	103.8	5.2	114.4	6.0
	72	50.5	1.9	64.7	2.7	75.3	3.3	86.0	4.0	96.7	4.8	103.8	5.3	114.4	6.2
	75	50.5	2.0	64.7	2.8	75.3	3.5	86.0	4.2	96.7	5.0	103.8	5.5	114.4	6.4
	79	50.5	2.1	64.7	3.0	75.3	3.7	86.0	4.4	96.7	5.3	103.8	5.8	114.4	6.8
	83	50.5	2.3	64.7	3.2	75.3	3.9	86.0	4.7	96.7	5.6	103.8	6.2	114.4	7.2
	87	50.5	2.4	64.7	3.4	75.3	4.2	86.0	5.1	96.7	6.0	103.8	6.7	114.4	7.7
	91	50.5	2.6	64.7	3.7	75.3	4.5	86.0	5.4	96.7	6.5	103.8	7.2	114.4	8.3
	93	50.5	2.7	64.7	3.8	75.3	4.7	86.0	5.7	96.7	6.7	103.8	7.4	114.4	8.6
	95	50.5	2.8	64.7	3.9	75.3	4.9	86.0	5.9	96.7	7.0	103.8	7.7	114.4	9.0
	99	50.5	3.1	64.7	4.3	75.3	5.3	86.0	6.4	96.7	7.5	103.8	8.4	114.4	9.7
	103	50.5	3.3	64.7	4.6	75.3	5.7	86.0	6.9	96.7	8.2	103.8	9.1	114.4	10.5
	106	50.5	3.5	64.7	4.9	75.3	6.1	86.0	7.4	96.7	8.7	103.8	9.7	114.4	11.2
	110	50.5	3.9	64.7	5.4	75.3	6.6	86.0	8.0	96.7	9.5	103.8	10.6	114.4	12.2
	115	50.5	4.3	64.7	6.0	75.3	7.4	86.0	8.9	96.7	10.6	101.8	11.4	102.1	11.5
	118	50.5	4.6	64.7	6.4	75.3	7.9	86.0	9.5	91.2	10.4	91.4	10.4	91.6	10.5
	122	50.5	5.0	64.7	7.0	72.9	8.2	73.1	8.3	73.3	8.3	73.4	8.3	73.7	8.4
130	23	49.7	1.4	63.7	2.0	74.2	2.5	84.7	3.0	95.2	3.5	102.2	3.9	112.8	4.5
	30	49.7	1.5	63.7	2.0	74.2	2.5	84.7	3.1	95.2	3.6	102.2	4.0	112.8	4.6
	40	49.7	1.5	63.7	2.1	74.2	2.6	84.7	3.1	95.2	3.7	102.2	4.1	112.8	4.8
	50	49.7	1.6	63.7	2.2	74.2	2.7	84.7	3.3	95.2	3.9	102.2	4.3	112.8	5.0
	54	49.7	1.6	63.7	2.2	74.2	2.8	84.7	3.3	95.2	4.0	102.2	4.4	112.8	5.1
	58	49.7	1.7	63.7	2.3	74.2	2.9	84.7	3.4	95.2	4.1	102.2	4.5	112.8	5.2
	62	49.7	1.7	63.7	2.4	74.2	2.9	84.7	3.6	95.2	4.2	102.2	4.7	112.8	5.4
	66	49.7	1.8	63.7	2.5	74.2	3.1	84.7	3.7	95.2	4.4	102.2	4.9	112.8	5.6
	70	49.7	1.9	63.7	2.6	74.2	3.2	84.7	3.9	95.2	4.6	102.2	5.1	112.8	5.9
	72	49.7	1.9	63.7	2.7	74.2	3.3	84.7	3.9	95.2	4.7	102.2	5.2	112.8	6.0
	75	49.7	2.0	63.7	2.8	74.2	3.4	84.7	4.1	95.2	4.9	102.2	5.4	112.8	6.3
	79	49.7	2.1	63.7	2.9	74.2	3.6	84.7	4.3	95.2	5.2	102.2	5.7	112.8	6.6
	83	49.7	2.2	63.7	3.1	74.2	3.8	84.7	4.6	95.2	5.5	102.2	6.1	112.8	7.1
	87	49.7	2.4	63.7	3.3	74.2	4.1	84.7	5.0	95.2	5.9	102.2	6.5	112.8	7.5
	91	49.7	2.6	63.7	3.6	74.2	4.4	84.7	5.3	95.2	6.3	102.2	7.0	112.8	8.1
	93	49.7	2.7	63.7	3.7	74.2	4.6	84.7	5.5	95.2	6.6	102.2	7.3	112.8	8.4
	95	49.7	2.8	63.7	3.9	74.2	4.8	84.7	5.7	95.2	6.8	102.2	7.6	112.8	8.8
	99	49.7	3.0	63.7	4.2	74.2	5.2	84.7	6.2	95.2	7.4	102.2	8.2	112.8	9.5
	103	49.7	3.3	63.7	4.5	74.2	5.6	84.7	6.8	95.2	8.0	102.2	8.9	112.8	10.3
	106	49.7	3.5	63.7	4.8	74.2	6.0	84.7	7.2	95.2	8.5	102.2	9.5	112.8	11.0
	110	49.7	3.8	63.7	5.3	74.2	6.5	84.7	7.8	95.2	9.3	102.2	10.3	112.6	11.9
	115	49.7	4.2	63.7	5.9	74.2	7.3	84.7	8.8	95.2	10.4	99.7	11.1	100.0	11.1
	118	49.7	4.5	63.7	6.3	74.2	7.7	84.7	9.3	89.3	10.1	89.5	10.1	89.8	10.2
	122	49.7	4.9	63.7	6.9	71.4	8.0	71.6	8.0	71.8	8.1	72.0	8.1	72.2	8.1

Tc: Total Capacity PI: Power Input

Table 79 - 38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	49.0	1.4	62.8	2.0	73.1	2.4	83.5	2.9	93.8	3.4	100.7	3.8	111.1	4.4
	30	49.0	1.4	62.8	2.0	73.1	2.5	83.5	3.0	93.8	3.5	100.7	3.9	111.1	4.5
	40	49.0	1.5	62.8	2.1	73.1	2.6	83.5	3.1	93.8	3.6	100.7	4.0	111.1	4.7
	50	49.0	1.6	62.8	2.2	73.1	2.7	83.5	3.2	93.8	3.8	100.7	4.2	111.1	4.9
	54	49.0	1.6	62.8	2.2	73.1	2.7	83.5	3.3	93.8	3.9	100.7	4.3	111.1	5.0
	58	49.0	1.6	62.8	2.3	73.1	2.8	83.5	3.4	93.8	4.0	100.7	4.4	111.1	5.1
	62	49.0	1.7	62.8	2.3	73.1	2.9	83.5	3.5	93.8	4.1	100.7	4.6	111.1	5.3
	66	49.0	1.7	62.8	2.4	73.1	3.0	83.5	3.6	93.8	4.3	100.7	4.7	111.1	5.5
	70	49.0	1.8	62.8	2.5	73.1	3.1	83.5	3.8	93.8	4.5	100.7	5.0	111.1	5.7
	72	49.0	1.9	62.8	2.6	73.1	3.2	83.5	3.9	93.8	4.6	100.7	5.1	111.1	5.9
	75	49.0	1.9	62.8	2.7	73.1	3.3	83.5	4.0	93.8	4.8	100.7	5.3	111.1	6.1
	79	49.0	2.1	62.8	2.9	73.1	3.5	83.5	4.3	93.8	5.0	100.7	5.6	111.1	6.5
	83	49.0	2.2	62.8	3.0	73.1	3.8	83.5	4.5	93.8	5.4	100.7	6.0	111.1	6.9
	87	49.0	2.3	62.8	3.3	73.1	4.0	83.5	4.8	93.8	5.7	100.7	6.4	111.1	7.4
	91	49.0	2.5	62.8	3.5	73.1	4.3	83.5	5.2	93.8	6.2	100.7	6.9	111.1	7.9
	93	49.0	2.6	62.8	3.6	73.1	4.5	83.5	5.4	93.8	6.4	100.7	7.1	111.1	8.2
	95	49.0	2.7	62.8	3.8	73.1	4.7	83.5	5.6	93.8	6.7	100.7	7.4	111.1	8.6
	99	49.0	3.0	62.8	4.1	73.1	5.1	83.5	6.1	93.8	7.2	100.7	8.0	111.1	9.3
	103	49.0	3.2	62.8	4.4	73.1	5.5	83.5	6.6	93.8	7.8	100.7	8.7	111.1	10.1
	106	49.0	3.4	62.8	4.7	73.1	5.8	83.5	7.0	93.8	8.3	100.7	9.3	111.1	10.7
	110	49.0	3.7	62.8	5.2	73.1	6.4	83.5	7.7	93.8	9.1	100.7	10.1	110.3	11.6
	115	49.0	4.1	62.8	5.8	73.1	7.1	83.5	8.6	93.8	10.1	97.6	10.8	97.9	10.8
	118	49.0	4.4	62.8	6.1	73.1	7.6	83.5	9.1	87.5	9.8	87.6	9.8	87.9	9.9
	122	49.0	4.8	62.8	6.7	69.9	7.8	70.1	7.8	70.3	7.8	70.5	7.9	70.7	7.9
110	23	46.5	1.3	59.6	1.8	69.4	2.2	79.2	2.7	89.0	3.2	95.6	3.5	105.4	4.1
	30	46.5	1.4	59.6	1.9	69.4	2.3	79.2	2.8	89.0	3.3	95.6	3.6	105.4	4.2
	40	46.5	1.4	59.6	1.9	69.4	2.4	79.2	2.9	89.0	3.4	95.6	3.7	105.4	4.3
	50	46.5	1.5	59.6	2.0	69.4	2.5	79.2	3.0	89.0	3.5	95.6	3.9	105.4	4.5
	54	46.5	1.5	59.6	2.1	69.4	2.5	79.2	3.0	89.0	3.6	95.6	4.0	105.4	4.6
	58	46.5	1.5	59.6	2.1	69.4	2.6	79.2	3.1	89.0	3.7	95.6	4.1	105.4	4.7
	62	46.5	1.6	59.6	2.2	69.4	2.7	79.2	3.2	89.0	3.8	95.6	4.2	105.4	4.9
	66	46.5	1.6	59.6	2.3	69.4	2.8	79.2	3.3	89.0	4.0	95.6	4.4	105.4	5.1
	70	46.5	1.7	59.6	2.4	69.4	2.9	79.2	3.5	89.0	4.1	95.6	4.6	105.4	5.3
	72	46.5	1.7	59.6	2.4	69.4	3.0	79.2	3.6	89.0	4.2	95.6	4.7	105.4	5.4
	75	46.5	1.8	59.6	2.5	69.4	3.1	79.2	3.7	89.0	4.4	95.6	4.9	105.4	5.7
	79	46.5	1.9	59.6	2.7	69.4	3.3	79.2	3.9	89.0	4.7	95.6	5.2	105.4	6.0
	83	46.5	2.1	59.6	2.8	69.4	3.5	79.2	4.2	89.0	5.0	95.6	5.5	105.4	6.4
	87	46.5	2.2	59.6	3.0	69.4	3.7	79.2	4.5	89.0	5.3	95.6	5.9	105.4	6.8
	91	46.5	2.4	59.6	3.3	69.4	4.0	79.2	4.8	89.0	5.7	95.6	6.3	105.4	7.3
	93	46.5	2.5	59.6	3.4	69.4	4.2	79.2	5.0	89.0	5.9	95.6	6.6	105.4	7.6
	95	46.5	2.5	59.6	3.5	69.4	4.3	79.2	5.2	89.0	6.2	95.6	6.8	105.4	7.9
	99	46.5	2.8	59.6	3.8	69.4	4.7	79.2	5.7	89.0	6.7	95.6	7.4	105.4	8.6
	103	46.5	3.0	59.6	4.1	69.4	5.1	79.2	6.1	89.0	7.3	95.6	8.1	105.4	9.3
	106	46.5	3.2	59.6	4.4	69.4	5.4	79.2	6.5	89.0	7.7	95.6	8.6	105.4	9.9
	110	46.5	3.5	59.6	4.8	69.4	5.9	79.2	7.1	89.0	8.4	95.6	9.3	105.4	10.8
	115	46.5	3.9	59.6	5.4	69.4	6.6	79.2	7.9	89.0	9.4	95.6	10.4	95.9	10.5
	118	46.5	4.1	59.6	5.7	69.4	7.1	79.2	8.5	85.6	9.5	85.8	9.5	86.0	9.6
	122	46.5	4.5	59.6	6.3	68.4	7.6	68.6	7.6	68.8	7.6	69.0	7.6	69.2	7.7
100	23	42.2	1.2	54.1	1.6	63.1	2.0	72.0	2.4	80.9	2.8	86.9	3.1	95.8	3.6
	30	42.2	1.2	54.1	1.6	63.1	2.0	72.0	2.4	80.9	2.9	86.9	3.2	95.8	3.6
	40	42.2	1.2	54.1	1.7	63.1	2.1	72.0	2.5	80.9	2.9	86.9	3.3	95.8	3.8
	50	42.2	1.3	54.1	1.8	63.1	2.2	72.0	2.6	80.9	3.1	86.9	3.4	95.8	3.9
	54	42.2	1.3	54.1	1.8	63.1	2.2	72.0	2.7	80.9	3.1	86.9	3.5	95.8	4.0
	58	42.2	1.4	54.1	1.9	63.1	2.3	72.0	2.7	80.9	3.2	86.9	3.6	95.8	4.1
	62	42.2	1.4	54.1	1.9	63.1	2.4	72.0	2.8	80.9	3.3	86.9	3.7	95.8	4.2
	66	42.2	1.4	54.1	2.0	63.1	2.4	72.0	2.9	80.9	3.5	86.9	3.8	95.8	4.4
	70	42.2	1.5	54.1	2.1	63.1	2.6	72.0	3.1	80.9	3.6	86.9	4.0	95.8	4.6
	72	42.2	1.6	54.1	2.1	63.1	2.6	72.0	3.1	80.9	3.7	86.9	4.1	95.8	4.7
	75	42.2	1.6	54.1	2.2	63.1	2.7	72.0	3.3	80.9	3.8	86.9	4.3	95.8	4.9
	79	42.2	1.7	54.1	2.3	63.1	2.9	72.0	3.5	80.9	4.1	86.9	4.5	95.8	5.2
	83	42.2	1.8	54.1	2.5	63.1	3.1	72.0	3.7	80.9	4.3	86.9	4.8	95.8	5.5
	87	42.2	1.9	54.1	2.7	63.1	3.3	72.0	3.9	80.9	4.6	86.9	5.1	95.8	5.9
	91	42.2	2.1	54.1	2.9	63.1	3.5	72.0	4.2	80.9	5.0	86.9	5.5	95.8	6.4
	93	42.2	2.2	54.1	3.0	63.1	3.7	72.0	4.4	80.9	5.2	86.9	5.7	95.8	6.6
	95	42.2	2.3	54.1	3.1	63.1	3.8	72.0	4.6	80.9	5.4	86.9	6.0	95.8	6.9
	99	42.2	2.4	54.1	3.4	63.1	4.1	72.0	4.9	80.9	5.8	86.9	6.5	95.8	7.4
	103	42.2	2.7	54.1	3.7	63.1	4.5	72.0	5.4	80.9	6.3	86.9	7.0	95.8	8.1
	106	42.2	2.8	54.1	3.9	63.1	4.8	72.0	5.7	80.9	6.7	86.9	7.5	95.8	8.6
	110	42.2	3.1	54.1	4.2	63.1	5.2	72.0	6.2	80.9	7.3	86.9	8.1	95.8	9.4
	115	42.2	3.4	54.1	4.7	63.1	5.8	72.0	7.0	80.9	8.2	86.9	9.1	93.8	10.1
	118	42.2	3.7	54.1	5.0	63.1	6.2	72.0	7.4	80.9	8.8	83.9	9.2	84.2	9.3
	122	42.2	4.0	54.1	5.5	63.1	6.8	67.1	7.4	67.3	7.4	67.5	7.4	67.7	7.4

Tc: Total Capacity PI: Power Input

Table 80 - 38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	38.0	1.0	48.7	1.4	56.8	1.7	64.8	2.0	72.8	2.4	78.2	2.6	86.2	3.0
	30	38.0	1.1	48.7	1.4	56.8	1.8	64.8	2.1	72.8	2.5	78.2	2.7	86.2	3.1
	40	38.0	1.1	48.7	1.5	56.8	1.8	64.8	2.2	72.8	2.5	78.2	2.8	86.2	3.2
	50	38.0	1.1	48.7	1.5	56.8	1.9	64.8	2.3	72.8	2.6	78.2	2.9	86.2	3.4
	54	38.0	1.2	48.7	1.6	56.8	1.9	64.8	2.3	72.8	2.7	78.2	3.0	86.2	3.4
	58	38.0	1.2	48.7	1.6	56.8	2.0	64.8	2.4	72.8	2.8	78.2	3.1	86.2	3.5
	62	38.0	1.2	48.7	1.7	56.8	2.0	64.8	2.4	72.8	2.9	78.2	3.2	86.2	3.6
	66	38.0	1.3	48.7	1.7	56.8	2.1	64.8	2.5	72.8	3.0	78.2	3.3	86.2	3.8
	70	38.0	1.3	48.7	1.8	56.8	2.2	64.8	2.6	72.8	3.1	78.2	3.4	86.2	4.0
	72	38.0	1.4	48.7	1.9	56.8	2.3	64.8	2.7	72.8	3.2	78.2	3.5	86.2	4.0
	75	38.0	1.4	48.7	1.9	56.8	2.4	64.8	2.8	72.8	3.3	78.2	3.7	86.2	4.2
	79	38.0	1.5	48.7	2.0	56.8	2.5	64.8	3.0	72.8	3.5	78.2	3.9	86.2	4.5
	83	38.0	1.6	48.7	2.2	56.8	2.7	64.8	3.2	72.8	3.7	78.2	4.1	86.2	4.7
	87	38.0	1.7	48.7	2.3	56.8	2.8	64.8	3.4	72.8	4.0	78.2	4.4	86.2	5.1
	91	38.0	1.8	48.7	2.5	56.8	3.1	64.8	3.7	72.8	4.3	78.2	4.7	86.2	5.5
	93	38.0	1.9	48.7	2.6	56.8	3.2	64.8	3.8	72.8	4.5	78.2	4.9	86.2	5.7
	95	38.0	2.0	48.7	2.7	56.8	3.3	64.8	4.0	72.8	4.6	78.2	5.1	86.2	5.9
	99	38.0	2.1	48.7	2.9	56.8	3.6	64.8	4.3	72.8	5.0	78.2	5.6	86.2	6.4
	103	38.0	2.3	48.7	3.2	56.8	3.9	64.8	4.6	72.8	5.5	78.2	6.0	86.2	6.9
	106	38.0	2.5	48.7	3.4	56.8	4.1	64.8	4.9	72.8	5.8	78.2	6.4	86.2	7.4
	110	38.0	2.7	48.7	3.7	56.8	4.5	64.8	5.4	72.8	6.3	78.2	7.0	86.2	8.0
	115	38.0	3.0	48.7	4.1	56.8	5.0	64.8	6.0	72.8	7.1	78.2	7.8	86.2	9.0
	118	38.0	3.2	48.7	4.4	56.8	5.4	64.8	6.4	72.8	7.5	78.2	8.3	82.3	9.0
	122	38.0	3.5	48.7	4.8	56.8	5.9	64.8	7.0	65.9	7.2	66.0	7.2	66.2	7.2
80	23	33.8	0.9	43.3	1.2	50.5	1.5	57.6	1.7	64.7	2.0	69.5	2.2	76.6	2.6
	30	33.8	0.9	43.3	1.2	50.5	1.5	57.6	1.8	64.7	2.1	69.5	2.3	76.6	2.6
	40	33.8	0.9	43.3	1.3	50.5	1.6	57.6	1.8	64.7	2.2	69.5	2.4	76.6	2.7
	50	33.8	1.0	43.3	1.3	50.5	1.6	57.6	1.9	64.7	2.2	69.5	2.5	76.6	2.8
	54	33.8	1.0	43.3	1.4	50.5	1.7	57.6	2.0	64.7	2.3	69.5	2.5	76.6	2.9
	58	33.8	1.0	43.3	1.4	50.5	1.7	57.6	2.0	64.7	2.4	69.5	2.6	76.6	3.0
	62	33.8	1.1	43.3	1.4	50.5	1.7	57.6	2.1	64.7	2.4	69.5	2.7	76.6	3.1
	66	33.8	1.1	43.3	1.5	50.5	1.8	57.6	2.2	64.7	2.5	69.5	2.8	76.6	3.2
	70	33.8	1.2	43.3	1.6	50.5	1.9	57.6	2.3	64.7	2.6	69.5	2.9	76.6	3.3
	72	33.8	1.2	43.3	1.6	50.5	1.9	57.6	2.3	64.7	2.7	69.5	3.0	76.6	3.4
	75	33.8	1.2	43.3	1.7	50.5	2.0	57.6	2.4	64.7	2.8	69.5	3.1	76.6	3.6
	79	33.8	1.3	43.3	1.8	50.5	2.1	57.6	2.5	64.7	3.0	69.5	3.3	76.6	3.8
	83	33.8	1.4	43.3	1.9	50.5	2.3	57.6	2.7	64.7	3.2	69.5	3.5	76.6	4.0
	87	33.8	1.5	43.3	2.0	50.5	2.4	57.6	2.9	64.7	3.4	69.5	3.7	76.6	4.3
	91	33.8	1.6	43.3	2.2	50.5	2.6	57.6	3.1	64.7	3.7	69.5	4.0	76.6	4.6
	93	33.8	1.7	43.3	2.2	50.5	2.7	57.6	3.2	64.7	3.8	69.5	4.2	76.6	4.8
	95	33.8	1.7	43.3	2.3	50.5	2.8	57.6	3.4	64.7	3.9	69.5	4.3	76.6	5.0
	99	33.8	1.9	43.3	2.5	50.5	3.1	57.6	3.7	64.7	4.3	69.5	4.7	76.6	5.4
	103	33.8	2.0	43.3	2.7	50.5	3.3	57.6	4.0	64.7	4.6	69.5	5.1	76.6	5.9
	106	33.8	2.2	43.3	2.9	50.5	3.5	57.6	4.2	64.7	4.9	69.5	5.4	76.6	6.2
	110	33.8	2.3	43.3	3.2	50.5	3.9	57.6	4.6	64.7	5.4	69.5	5.9	76.6	6.8
	115	33.8	2.6	43.3	3.5	50.5	4.3	57.6	5.1	64.7	6.0	69.5	6.6	76.6	7.6
	118	33.8	2.8	43.3	3.8	50.5	4.6	57.6	5.5	64.7	6.4	69.5	7.1	76.6	8.1
	122	33.8	3.1	43.3	4.1	50.5	5.0	57.6	6.0	64.4	6.9	64.5	7.0	64.7	7.0
70	23	29.6	0.8	37.9	1.0	44.2	1.2	50.4	1.5	56.6	1.7	60.8	1.9	67.1	2.1
	30	29.6	0.8	37.9	1.0	44.2	1.3	50.4	1.5	56.6	1.7	60.8	1.9	67.1	2.2
	40	29.6	0.8	37.9	1.1	44.2	1.3	50.4	1.5	56.6	1.8	60.8	2.0	67.1	2.3
	50	29.6	0.8	37.9	1.1	44.2	1.4	50.4	1.6	56.6	1.9	60.8	2.1	67.1	2.4
	54	29.6	0.9	37.9	1.2	44.2	1.4	50.4	1.6	56.6	1.9	60.8	2.1	67.1	2.4
	58	29.6	0.9	37.9	1.2	44.2	1.4	50.4	1.7	56.6	2.0	60.8	2.2	67.1	2.5
	62	29.6	0.9	37.9	1.2	44.2	1.5	50.4	1.7	56.6	2.0	60.8	2.2	67.1	2.6
	66	29.6	0.9	37.9	1.3	44.2	1.5	50.4	1.8	56.6	2.1	60.8	2.3	67.1	2.7
	70	29.6	1.0	37.9	1.3	44.2	1.6	50.4	1.9	56.6	2.2	60.8	2.4	67.1	2.8
	72	29.6	1.0	37.9	1.4	44.2	1.6	50.4	1.9	56.6	2.3	60.8	2.5	67.1	2.8
	75	29.6	1.0	37.9	1.4	44.2	1.7	50.4	2.0	56.6	2.4	60.8	2.6	67.1	3.0
	79	29.6	1.1	37.9	1.5	44.2	1.8	50.4	2.1	56.6	2.5	60.8	2.7	67.1	3.1
	83	29.6	1.2	37.9	1.6	44.2	1.9	50.4	2.3	56.6	2.7	60.8	2.9	67.1	3.3
	87	29.6	1.3	37.9	1.7	44.2	2.1	50.4	2.4	56.6	2.8	60.8	3.1	67.1	3.6
	91	29.6	1.4	37.9	1.8	44.2	2.2	50.4	2.6	56.6	3.1	60.8	3.4	67.1	3.8
	93	29.6	1.4	37.9	1.9	44.2	2.3	50.4	2.7	56.6	3.2	60.8	3.5	67.1	4.0
	95	29.6	1.5	37.9	2.0	44.2	2.4	50.4	2.8	56.6	3.3	60.8	3.6	67.1	4.1
	99	29.6	1.6	37.9	2.1	44.2	2.6	50.4	3.1	56.6	3.6	60.8	3.9	67.1	4.5
	103	29.6	1.7	37.9	2.3	44.2	2.8	50.4	3.3	56.6	3.9	60.8	4.3	67.1	4.9
	106	29.6	1.8	37.9	2.5	44.2	3.0	50.4	3.5	56.6	4.1	60.8	4.5	67.1	5.2
	110	29.6	2.0	37.9	2.7	44.2	3.3	50.4	3.9	56.6	4.5	60.8	4.9	67.1	5.7
	115	29.6	2.2	37.9	3.0	44.2	3.6	50.4	4.3	56.6	5.0	60.8	5.5	67.1	6.3
	118	29.6	2.4	37.9	3.2	44.2	3.9	50.4	4.6	56.6	5.4	60.8	5.9	67.1	6.7
	122	29.6	2.6	37.9	3.5	44.2	4.2	50.4	5.0	56.6	5.9	60.8	6.4	63.2	6.8

Tc: Total Capacity PI: Power Input

Table 81 - 38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	25.3	0.6	32.5	0.8	37.8	1.0	43.2	1.2	48.6	1.4	52.1	1.5	57.5	1.7
	30	25.3	0.7	32.5	0.9	37.8	1.0	43.2	1.2	48.6	1.4	52.1	1.6	57.5	1.8
	40	25.3	0.7	32.5	0.9	37.8	1.1	43.2	1.3	48.6	1.5	52.1	1.6	57.5	1.8
	50	25.3	0.7	32.5	0.9	37.8	1.1	43.2	1.3	48.6	1.5	52.1	1.7	57.5	1.9
	54	25.3	0.7	32.5	1.0	37.8	1.1	43.2	1.4	48.6	1.6	52.1	1.7	57.5	2.0
	58	25.3	0.7	32.5	1.0	37.8	1.2	43.2	1.4	48.6	1.6	52.1	1.8	57.5	2.0
	62	25.3	0.8	32.5	1.0	37.8	1.2	43.2	1.4	48.6	1.7	52.1	1.8	57.5	2.1
	66	25.3	0.8	32.5	1.1	37.8	1.3	43.2	1.5	48.6	1.7	52.1	1.9	57.5	2.2
	70	25.3	0.8	32.5	1.1	37.8	1.3	43.2	1.6	48.6	1.8	52.1	2.0	57.5	2.3
	72	25.3	0.8	32.5	1.1	37.8	1.4	43.2	1.6	48.6	1.9	52.1	2.0	57.5	2.3
	75	25.3	0.9	32.5	1.2	37.8	1.4	43.2	1.7	48.6	1.9	52.1	2.1	57.5	2.4
	79	25.3	0.9	32.5	1.2	37.8	1.5	43.2	1.8	48.6	2.0	52.1	2.2	57.5	2.5
	83	25.3	1.0	32.5	1.3	37.8	1.6	43.2	1.9	48.6	2.2	52.1	2.4	57.5	2.7
	87	25.3	1.1	32.5	1.4	37.8	1.7	43.2	2.0	48.6	2.3	52.1	2.5	57.5	2.9
	91	25.3	1.1	32.5	1.5	37.8	1.8	43.2	2.2	48.6	2.5	52.1	2.7	57.5	3.1
	93	25.3	1.2	32.5	1.6	37.8	1.9	43.2	2.2	48.6	2.6	52.1	2.8	57.5	3.2
	95	25.3	1.2	32.5	1.6	37.8	2.0	43.2	2.3	48.6	2.7	52.1	3.0	57.5	3.4
	99	25.3	1.3	32.5	1.8	37.8	2.1	43.2	2.5	48.6	2.9	52.1	3.2	57.5	3.6
	103	25.3	1.4	32.5	1.9	37.8	2.3	43.2	2.7	48.6	3.2	52.1	3.5	57.5	4.0
	106	25.3	1.5	32.5	2.1	37.8	2.5	43.2	2.9	48.6	3.4	52.1	3.7	57.5	4.2
	110	25.3	1.7	32.5	2.2	37.8	2.7	43.2	3.2	48.6	3.7	52.1	4.0	57.5	4.6
	115	25.3	1.9	32.5	2.5	37.8	3.0	43.2	3.5	48.6	4.1	52.1	4.5	57.5	5.1
	118	25.3	2.0	32.5	2.7	37.8	3.2	43.2	3.8	48.6	4.4	52.1	4.8	57.5	5.5
	122	25.3	2.2	32.5	2.9	37.8	3.5	43.2	4.1	48.6	4.8	52.1	5.2	57.5	6.0
50	23	21.1	0.5	27.1	0.7	31.5	0.8	36.0	1.0	40.5	1.1	43.4	1.2	47.9	1.4
	30	21.1	0.5	27.1	0.7	31.5	0.8	36.0	1.0	40.5	1.1	43.4	1.2	47.9	1.4
	40	21.1	0.6	27.1	0.7	31.5	0.9	36.0	1.0	40.5	1.2	43.4	1.3	47.9	1.4
	50	21.1	0.6	27.1	0.8	31.5	0.9	36.0	1.1	40.5	1.2	43.4	1.3	47.9	1.5
	54	21.1	0.6	27.1	0.8	31.5	0.9	36.0	1.1	40.5	1.2	43.4	1.4	47.9	1.5
	58	21.1	0.6	27.1	0.8	31.5	0.9	36.0	1.1	40.5	1.3	43.4	1.4	47.9	1.6
	62	21.1	0.6	27.1	0.8	31.5	1.0	36.0	1.1	40.5	1.3	43.4	1.4	47.9	1.6
	66	21.1	0.6	27.1	0.9	31.5	1.0	36.0	1.2	40.5	1.4	43.4	1.5	47.9	1.7
	70	21.1	0.7	27.1	0.9	31.5	1.1	36.0	1.2	40.5	1.4	43.4	1.6	47.9	1.8
	72	21.1	0.7	27.1	0.9	31.5	1.1	36.0	1.3	40.5	1.5	43.4	1.6	47.9	1.8
	75	21.1	0.7	27.1	0.9	31.5	1.1	36.0	1.3	40.5	1.5	43.4	1.7	47.9	1.9
	79	21.1	0.8	27.1	1.0	31.5	1.2	36.0	1.4	40.5	1.6	43.4	1.8	47.9	2.0
	83	21.1	0.8	27.1	1.1	31.5	1.3	36.0	1.5	40.5	1.7	43.4	1.9	47.9	2.1
	87	21.1	0.9	27.1	1.1	31.5	1.4	36.0	1.6	40.5	1.8	43.4	2.0	47.9	2.3
	91	21.1	0.9	27.1	1.2	31.5	1.5	36.0	1.7	40.5	2.0	43.4	2.2	47.9	2.5
	93	21.1	1.0	27.1	1.3	31.5	1.5	36.0	1.8	40.5	2.1	43.4	2.2	47.9	2.5
	95	21.1	1.0	27.1	1.3	31.5	1.6	36.0	1.9	40.5	2.1	43.4	2.3	47.9	2.6
	99	21.1	1.1	27.1	1.4	31.5	1.7	36.0	2.0	40.5	2.3	43.4	2.5	47.9	2.9
	103	21.1	1.2	27.1	1.6	31.5	1.9	36.0	2.2	40.5	2.5	43.4	2.8	47.9	3.1
	106	21.1	1.3	27.1	1.7	31.5	2.0	36.0	2.3	40.5	2.7	43.4	2.9	47.9	3.3
	110	21.1	1.4	27.1	1.8	31.5	2.2	36.0	2.5	40.5	2.9	43.4	3.2	47.9	3.6
	115	21.1	1.5	27.1	2.0	31.5	2.4	36.0	2.8	40.5	3.3	43.4	3.6	47.9	4.0
	118	21.1	1.6	27.1	2.2	31.5	2.6	36.0	3.0	40.5	3.5	43.4	3.8	47.9	4.3
	122	21.1	1.8	27.1	2.4	31.5	2.8	36.0	3.3	40.5	3.8	43.4	4.2	47.9	4.7

Tc: Total Capacity PI: Power Input

Table 82 - 38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	69.9	2.1	89.6	3.0	104.4	3.7	119.1	4.4	133.9	5.3	143.7	5.9	158.5	6.8
	30	69.9	2.2	89.6	3.1	104.4	3.8	119.1	4.6	133.9	5.4	143.7	6.0	158.5	7.0
	40	69.9	2.3	89.6	3.1	104.4	3.9	119.1	4.7	133.9	5.6	143.7	6.2	158.5	7.2
	50	69.9	2.4	89.6	3.3	104.4	4.1	119.1	4.9	133.9	5.8	143.7	6.5	158.5	7.5
	54	69.9	2.4	89.6	3.4	104.4	4.1	119.1	5.0	133.9	5.9	143.7	6.6	158.5	7.7
	58	69.9	2.5	89.6	3.4	104.4	4.3	119.1	5.1	133.9	6.1	143.7	6.8	157.5	7.8
	62	69.9	2.5	89.6	3.6	104.4	4.4	119.1	5.3	133.9	6.3	143.7	7.0	154.9	7.8
	66	69.9	2.6	89.6	3.7	104.4	4.6	119.1	5.5	133.9	6.5	143.7	7.3	152.3	7.9
	70	69.9	2.8	89.6	3.9	104.4	4.8	119.1	5.8	133.9	6.8	143.7	7.6	149.8	8.1
	72	69.9	2.8	89.6	3.9	104.4	4.9	119.1	5.9	133.9	7.0	143.7	7.8	148.6	8.2
	75	69.9	2.9	89.6	4.1	104.4	5.1	119.1	6.1	133.9	7.3	143.7	8.1	146.8	8.4
	79	69.9	3.1	89.6	4.3	104.4	5.4	119.1	6.5	133.9	7.7	143.7	8.6	144.7	8.7
	83	69.9	3.3	89.6	4.6	104.4	5.7	119.1	6.9	133.9	8.2	142.2	9.0	142.6	9.0
	87	69.9	3.6	89.6	5.0	104.4	6.1	119.1	7.4	133.9	8.8	140.2	9.4	140.6	9.5
	91	69.9	3.8	89.6	5.3	104.4	6.6	119.1	8.0	133.9	9.5	138.1	9.9	138.5	9.9
	93	69.9	4.0	89.6	5.5	104.4	6.8	119.1	8.3	133.9	9.8	136.9	10.1	137.3	10.2
	95	69.9	4.1	89.6	5.8	104.4	7.1	119.1	8.6	133.9	10.2	135.6	10.4	136.0	10.4
	99	69.9	4.5	89.6	6.2	104.4	7.7	119.1	9.3	132.2	10.8	132.5	10.9	132.9	10.9
	103	69.9	4.8	89.6	6.8	104.4	8.4	119.1	10.1	128.1	11.2	128.3	11.3	128.7	11.3
	106	69.9	5.2	89.6	7.2	104.4	8.9	119.1	10.8	124.0	11.4	124.2	11.4	124.6	11.5
	110	69.9	5.6	89.6	7.8	104.4	9.7	116.3	11.3	116.7	11.4	116.9	11.4	117.3	11.5
	115	69.9	6.3	89.6	8.8	103.0	10.6	103.3	10.7	103.6	10.7	103.8	10.7	104.1	10.8
	118	69.9	6.7	89.6	9.3	92.5	9.8	92.7	9.8	93.0	9.8	93.2	9.9	93.5	9.9
	122	69.9	7.3	74.1	7.9	74.3	7.9	74.6	8.0	74.8	8.0	74.9	8.0	75.2	8.1
140	23	68.6	2.1	87.9	2.9	102.4	3.6	116.8	4.3	131.3	5.1	141.0	5.7	155.5	6.6
	30	68.6	2.1	87.9	3.0	102.4	3.7	116.8	4.4	131.3	5.3	141.0	5.8	155.5	6.8
	40	68.6	2.2	87.9	3.1	102.4	3.8	116.8	4.6	131.3	5.4	141.0	6.0	155.5	7.0
	50	68.6	2.3	87.9	3.2	102.4	3.9	116.8	4.8	131.3	5.7	141.0	6.3	155.5	7.3
	54	68.6	2.3	87.9	3.3	102.4	4.0	116.8	4.9	131.3	5.8	141.0	6.4	155.5	7.4
	58	68.6	2.4	87.9	3.4	102.4	4.1	116.8	5.0	131.3	5.9	141.0	6.6	154.4	7.6
	62	68.6	2.5	87.9	3.5	102.4	4.3	116.8	5.2	131.3	6.1	141.0	6.8	151.8	7.6
	66	68.6	2.6	87.9	3.6	102.4	4.4	116.8	5.4	131.3	6.4	141.0	7.1	149.3	7.7
	70	68.6	2.7	87.9	3.8	102.4	4.6	116.8	5.6	131.3	6.6	141.0	7.4	146.8	7.8
	72	68.6	2.8	87.9	3.8	102.4	4.8	116.8	5.7	131.3	6.8	141.0	7.6	145.6	7.9
	75	68.6	2.9	87.9	4.0	102.4	4.9	116.8	6.0	131.3	7.1	141.0	7.9	143.9	8.1
	79	68.6	3.0	87.9	4.2	102.4	5.2	116.8	6.3	131.3	7.5	141.0	8.3	141.8	8.4
	83	68.6	3.2	87.9	4.5	102.4	5.6	116.8	6.7	131.3	8.0	139.4	8.7	139.8	8.8
	87	68.6	3.5	87.9	4.8	102.4	6.0	116.8	7.2	131.3	8.5	137.4	9.1	137.8	9.2
	91	68.6	3.7	87.9	5.2	102.4	6.4	116.8	7.7	131.3	9.2	135.3	9.6	135.7	9.6
	93	68.6	3.9	87.9	5.4	102.4	6.7	116.8	8.0	131.3	9.5	134.2	9.8	134.6	9.9
	95	68.6	4.0	87.9	5.6	102.4	6.9	116.8	8.4	131.3	9.9	132.9	10.1	133.3	10.1
	99	68.6	4.4	87.9	6.1	102.4	7.5	116.8	9.1	129.6	10.5	129.9	10.6	130.3	10.6
	103	68.6	4.7	87.9	6.6	102.4	8.1	116.8	9.8	125.5	10.9	125.8	10.9	126.2	11.0
	106	68.6	5.0	87.9	7.0	102.4	8.7	116.8	10.5	121.5	11.1	121.8	11.1	122.1	11.2
	110	68.6	5.5	87.9	7.6	102.4	9.4	114.0	11.0	114.4	11.1	114.6	11.1	114.9	11.1
	115	68.6	6.1	87.9	8.5	100.9	10.3	101.2	10.4	101.6	10.4	101.8	10.4	102.1	10.5
	118	68.6	6.5	87.9	9.1	90.6	9.5	90.9	9.5	91.2	9.6	91.4	9.6	91.6	9.6
	122	68.6	7.1	72.6	7.7	72.9	7.7	73.1	7.8	73.3	7.8	73.4	7.8	73.7	7.8
130	23	67.2	2.0	86.2	2.8	100.4	3.5	114.5	4.2	128.8	5.0	138.2	5.5	152.4	6.4
	30	67.2	2.1	86.2	2.9	100.4	3.6	114.5	4.3	128.8	5.1	138.2	5.7	152.4	6.6
	40	67.2	2.1	86.2	3.0	100.4	3.7	114.5	4.4	128.8	5.3	138.2	5.9	152.4	6.8
	50	67.2	2.2	86.2	3.1	100.4	3.8	114.5	4.6	128.8	5.5	138.2	6.1	152.4	7.1
	54	67.2	2.3	86.2	3.2	100.4	3.9	114.5	4.7	128.8	5.6	138.2	6.2	152.4	7.2
	58	67.2	2.3	86.2	3.3	100.4	4.0	114.5	4.9	128.8	5.8	138.2	6.4	151.3	7.3
	62	67.2	2.4	86.2	3.4	100.4	4.2	114.5	5.0	128.8	5.9	138.2	6.6	148.7	7.4
	66	67.2	2.5	86.2	3.5	100.4	4.3	114.5	5.2	128.8	6.2	138.2	6.9	146.2	7.5
	70	67.2	2.6	86.2	3.7	100.4	4.5	114.5	5.4	128.8	6.5	138.2	7.2	143.8	7.6
	72	67.2	2.7	86.2	3.7	100.4	4.6	114.5	5.6	128.8	6.6	138.2	7.3	142.7	7.7
	75	67.2	2.8	86.2	3.9	100.4	4.8	114.5	5.8	128.8	6.9	138.2	7.6	141.0	7.9
	79	67.2	3.0	86.2	4.1	100.4	5.1	114.5	6.1	128.8	7.3	138.2	8.1	138.9	8.1
	83	67.2	3.2	86.2	4.4	100.4	5.4	114.5	6.5	128.8	7.8	136.5	8.5	137.0	8.5
	87	67.2	3.4	86.2	4.7	100.4	5.8	114.5	7.0	128.8	8.3	134.6	8.9	135.0	8.9
	91	67.2	3.6	86.2	5.0	100.4	6.2	114.5	7.5	128.8	8.9	132.6	9.3	133.0	9.4
	93	67.2	3.8	86.2	5.2	100.4	6.5	114.5	7.8	128.8	9.3	131.5	9.6	131.9	9.6
	95	67.2	3.9	86.2	5.5	100.4	6.7	114.5	8.1	128.8	9.6	130.2	9.8	130.6	9.8
	99	67.2	4.2	86.2	5.9	100.4	7.3	114.5	8.8	127.0	10.2	127.2	10.2	127.6	10.3
	103	67.2	4.6	86.2	6.4	100.4	7.9	114.5	9.6	123.0	10.6	123.2	10.6	123.6	10.7
	106	67.2	4.9	86.2	6.8	100.4	8.4	114.5	10.2	119.0	10.8	119.3	10.8	119.6	10.8
	110	67.2	5.3	86.2	7.4	100.4	9.2	111.7	10.7	112.0	10.7	112.3	10.8	112.6	10.8
	115	67.2	6.0	86.2	8.3	98.9	10.0	99.2	10.1	99.5	10.1	99.7	10.2	100.0	10.2
	118	67.2	6.4	86.2	8.9	88.8	9.2	89.0	9.3	89.3	9.3	89.5	9.3	89.8	9.4
	122	67.2	7.0	71.2	7.5	71.4	7.5	71.6	7.6	71.8	7.6	72.0	7.6	72.2	7.6

Tc: Total Capacity PI: Power Input

Table 83 - 38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	65.9	2.0	84.4	2.7	98.4	3.4	112.3	4.1	126.2	4.8	135.5	5.4	149.4	6.2
	30	65.9	2.0	84.4	2.8	98.4	3.5	112.3	4.2	126.2	5.0	135.5	5.5	149.4	6.4
	40	65.9	2.1	84.4	2.9	98.4	3.6	112.3	4.3	126.2	5.1	135.5	5.7	149.4	6.6
	50	65.9	2.2	84.4	3.0	98.4	3.7	112.3	4.5	126.2	5.3	135.5	5.9	149.4	6.8
	54	65.9	2.2	84.4	3.1	98.4	3.8	112.3	4.6	126.2	5.4	135.5	6.0	149.4	7.0
	58	65.9	2.3	84.4	3.2	98.4	3.9	112.3	4.7	126.2	5.6	135.5	6.2	148.1	7.1
	62	65.9	2.4	84.4	3.3	98.4	4.0	112.3	4.9	126.2	5.8	135.5	6.4	145.6	7.1
	66	65.9	2.4	84.4	3.4	98.4	4.2	112.3	5.1	126.2	6.0	135.5	6.7	143.2	7.2
	70	65.9	2.6	84.4	3.6	98.4	4.4	112.3	5.3	126.2	6.3	135.5	7.0	140.8	7.4
	72	65.9	2.6	84.4	3.6	98.4	4.5	112.3	5.4	126.2	6.4	135.5	7.1	139.7	7.5
	75	65.9	2.7	84.4	3.8	98.4	4.7	112.3	5.6	126.2	6.7	135.5	7.4	138.1	7.6
	79	65.9	2.9	84.4	4.0	98.4	4.9	112.3	6.0	126.2	7.1	135.5	7.8	136.0	7.9
	83	65.9	3.1	84.4	4.3	98.4	5.3	112.3	6.4	126.2	7.5	133.7	8.2	134.1	8.2
	87	65.9	3.3	84.4	4.6	98.4	5.6	112.3	6.8	126.2	8.1	131.8	8.6	132.2	8.6
	91	65.9	3.5	84.4	4.9	98.4	6.1	112.3	7.3	126.2	8.7	129.8	9.0	130.2	9.1
	93	65.9	3.7	84.4	5.1	98.4	6.3	112.3	7.6	126.2	9.0	128.7	9.3	129.1	9.3
	95	65.9	3.8	84.4	5.3	98.4	6.5	112.3	7.9	126.2	9.3	127.5	9.5	127.9	9.5
	99	65.9	4.1	84.4	5.7	98.4	7.1	112.3	8.5	124.4	9.9	124.6	9.9	125.0	10.0
	103	65.9	4.5	84.4	6.2	98.4	7.7	112.3	9.3	120.4	10.3	120.7	10.3	121.0	10.3
	106	65.9	4.8	84.4	6.6	98.4	8.2	112.3	9.9	116.6	10.4	116.8	10.5	117.2	10.5
	110	65.9	5.2	84.4	7.2	98.4	8.9	109.4	10.4	109.7	10.4	109.9	10.5	110.3	10.5
	115	65.9	5.8	84.4	8.1	96.8	9.7	97.1	9.8	97.4	9.8	97.6	9.9	97.9	9.9
	118	65.9	6.2	84.4	8.6	86.9	9.0	87.2	9.0	87.5	9.0	87.6	9.1	87.9	9.1
	122	65.9	6.8	69.7	7.3	69.9	7.3	70.1	7.3	70.3	7.4	70.5	7.4	70.7	7.4
110	23	62.0	1.8	79.4	2.5	92.5	3.1	105.6	3.7	118.7	4.4	127.4	4.9	140.5	5.7
	30	62.0	1.9	79.4	2.6	92.5	3.2	105.6	3.8	118.7	4.5	127.4	5.0	140.5	5.8
	40	62.0	1.9	79.4	2.7	92.5	3.3	105.6	4.0	118.7	4.7	127.4	5.2	140.5	6.0
	50	62.0	2.0	79.4	2.8	92.5	3.4	105.6	4.1	118.7	4.9	127.4	5.4	140.5	6.2
	54	62.0	2.1	79.4	2.8	92.5	3.5	105.6	4.2	118.7	5.0	127.4	5.5	140.5	6.4
	58	62.0	2.1	79.4	2.9	92.5	3.6	105.6	4.3	118.7	5.1	127.4	5.7	140.5	6.6
	62	62.0	2.2	79.4	3.0	92.5	3.7	105.6	4.5	118.7	5.3	127.4	5.9	140.5	6.8
	66	62.0	2.3	79.4	3.1	92.5	3.9	105.6	4.6	118.7	5.5	127.4	6.1	140.2	7.0
	70	62.0	2.4	79.4	3.3	92.5	4.0	105.6	4.8	118.7	5.7	127.4	6.4	137.9	7.1
	72	62.0	2.4	79.4	3.4	92.5	4.1	105.6	5.0	118.7	5.9	127.4	6.5	136.8	7.2
	75	62.0	2.5	79.4	3.5	92.5	4.3	105.6	5.2	118.7	6.1	127.4	6.8	135.2	7.4
	79	62.0	2.7	79.4	3.7	92.5	4.5	105.6	5.5	118.7	6.5	127.4	7.2	133.2	7.7
	83	62.0	2.8	79.4	3.9	92.5	4.8	105.6	5.8	118.7	6.9	127.4	7.6	131.3	8.0
	87	62.0	3.0	79.4	4.2	92.5	5.2	105.6	6.2	118.7	7.4	127.4	8.2	129.4	8.4
	91	62.0	3.3	79.4	4.5	92.5	5.6	105.6	6.7	118.7	7.9	127.1	8.8	127.5	8.8
	93	62.0	3.4	79.4	4.7	92.5	5.8	105.6	7.0	118.7	8.2	126.0	9.0	126.4	9.0
	95	62.0	3.5	79.4	4.9	92.5	6.0	105.6	7.2	118.7	8.6	124.8	9.2	125.2	9.2
	99	62.0	3.8	79.4	5.3	92.5	6.5	105.6	7.8	118.7	9.3	122.0	9.6	122.3	9.7
	103	62.0	4.2	79.4	5.7	92.5	7.1	105.6	8.5	117.9	10.0	118.1	10.0	118.5	10.0
	106	62.0	4.4	79.4	6.1	92.5	7.5	105.6	9.1	114.1	10.1	114.3	10.2	114.7	10.2
	110	62.0	4.8	79.4	6.7	92.5	8.2	105.6	9.9	107.4	10.1	107.6	10.1	107.9	10.2
	115	62.0	5.4	79.4	7.4	92.5	9.1	95.1	9.5	95.4	9.5	95.6	9.6	95.9	9.6
	118	62.0	5.7	79.4	7.9	85.1	8.7	85.4	8.7	85.6	8.8	85.8	8.8	86.0	8.8
	122	62.0	6.3	68.2	7.1	68.4	7.1	68.6	7.1	68.8	7.2	69.0	7.2	69.2	7.2
100	23	56.3	1.6	72.2	2.2	84.1	2.7	96.0	3.3	107.9	3.9	115.8	4.3	127.7	4.9
	30	56.3	1.7	72.2	2.3	84.1	2.8	96.0	3.4	107.9	4.0	115.8	4.4	127.7	5.1
	40	56.3	1.7	72.2	2.4	84.1	2.9	96.0	3.5	107.9	4.1	115.8	4.5	127.7	5.2
	50	56.3	1.8	72.2	2.5	84.1	3.0	96.0	3.6	107.9	4.3	115.8	4.7	127.7	5.4
	54	56.3	1.8	72.2	2.5	84.1	3.1	96.0	3.7	107.9	4.3	115.8	4.8	127.7	5.5
	58	56.3	1.9	72.2	2.6	84.1	3.2	96.0	3.8	107.9	4.5	115.8	4.9	127.7	5.7
	62	56.3	1.9	72.2	2.7	84.1	3.3	96.0	3.9	107.9	4.6	115.8	5.1	127.7	5.9
	66	56.3	2.0	72.2	2.8	84.1	3.4	96.0	4.1	107.9	4.8	115.8	5.3	127.7	6.1
	70	56.3	2.1	72.2	2.9	84.1	3.5	96.0	4.2	107.9	5.0	115.8	5.5	127.7	6.4
	72	56.3	2.1	72.2	3.0	84.1	3.6	96.0	4.3	107.9	5.1	115.8	5.7	127.7	6.5
	75	56.3	2.2	72.2	3.1	84.1	3.8	96.0	4.5	107.9	5.3	115.8	5.9	127.7	6.8
	79	56.3	2.4	72.2	3.3	84.1	4.0	96.0	4.8	107.9	5.6	115.8	6.2	127.7	7.2
	83	56.3	2.5	72.2	3.5	84.1	4.2	96.0	5.1	107.9	6.0	115.8	6.6	127.7	7.7
	87	56.3	2.7	72.2	3.7	84.1	4.5	96.0	5.5	107.9	6.4	115.8	7.1	126.6	8.1
	91	56.3	2.9	72.2	4.0	84.1	4.9	96.0	5.9	107.9	6.9	115.8	7.6	124.7	8.5
	93	56.3	3.0	72.2	4.1	84.1	5.1	96.0	6.1	107.9	7.2	115.8	7.9	123.7	8.7
	95	56.3	3.1	72.2	4.3	84.1	5.3	96.0	6.3	107.9	7.5	115.8	8.3	122.5	9.0
	99	56.3	3.4	72.2	4.7	84.1	5.7	96.0	6.9	107.9	8.1	115.8	8.9	119.7	9.4
	103	56.3	3.7	72.2	5.1	84.1	6.2	96.0	7.4	107.9	8.8	115.6	9.7	115.9	9.7
	106	56.3	3.9	72.2	5.4	84.1	6.6	96.0	7.9	107.9	9.3	111.9	9.8	112.2	9.9
	110	56.3	4.3	72.2	5.9	84.1	7.2	96.0	8.6	105.1	9.8	105.3	9.8	105.6	9.9
	115	56.3	4.8	72.2	6.5	84.1	8.0	93.0	9.2	93.3	9.3	93.5	9.3	93.8	9.3
	118	56.3	5.1	72.2	7.0	83.3	8.5	83.5	8.5	83.8	8.5	83.9	8.6	84.2	8.6
	122	56.3	5.6	66.7	6.9	66.9	6.9	67.1	6.9	67.3	7.0	67.5	7.0	67.7	7.0

Tc: Total Capacity PI: Power Input

Table 84 - 38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	50.7	1.4	65.0	1.9	75.7	2.4	86.4	2.8	97.1	3.3	104.3	3.7	115.0	4.2
	30	50.7	1.5	65.0	2.0	75.7	2.4	86.4	2.9	97.1	3.4	104.3	3.8	115.0	4.3
	40	50.7	1.5	65.0	2.1	75.7	2.5	86.4	3.0	97.1	3.5	104.3	3.9	115.0	4.5
	50	50.7	1.6	65.0	2.1	75.7	2.6	86.4	3.1	97.1	3.7	104.3	4.0	115.0	4.7
	54	50.7	1.6	65.0	2.2	75.7	2.7	86.4	3.2	97.1	3.7	104.3	4.1	115.0	4.8
	58	50.7	1.6	65.0	2.2	75.7	2.7	86.4	3.3	97.1	3.8	104.3	4.3	115.0	4.9
	62	50.7	1.7	65.0	2.3	75.7	2.8	86.4	3.4	97.1	4.0	104.3	4.4	115.0	5.0
	66	50.7	1.8	65.0	2.4	75.7	2.9	86.4	3.5	97.1	4.1	104.3	4.6	115.0	5.2
	70	50.7	1.8	65.0	2.5	75.7	3.1	86.4	3.7	97.1	4.3	104.3	4.8	115.0	5.5
	72	50.7	1.9	65.0	2.6	75.7	3.1	86.4	3.8	97.1	4.4	104.3	4.9	115.0	5.6
	75	50.7	2.0	65.0	2.7	75.7	3.3	86.4	3.9	97.1	4.6	104.3	5.1	115.0	5.8
	79	50.7	2.1	65.0	2.8	75.7	3.5	86.4	4.1	97.1	4.9	104.3	5.4	115.0	6.2
	83	50.7	2.2	65.0	3.0	75.7	3.7	86.4	4.4	97.1	5.2	104.3	5.7	115.0	6.6
	87	50.7	2.4	65.0	3.2	75.7	3.9	86.4	4.7	97.1	5.5	104.3	6.1	115.0	7.0
	91	50.7	2.5	65.0	3.5	75.7	4.2	86.4	5.1	97.1	6.0	104.3	6.6	115.0	7.6
	93	50.7	2.6	65.0	3.6	75.7	4.4	86.4	5.3	97.1	6.2	104.3	6.8	115.0	7.9
	95	50.7	2.7	65.0	3.8	75.7	4.6	86.4	5.5	97.1	6.4	104.3	7.1	115.0	8.2
	99	50.7	3.0	65.0	4.1	75.7	5.0	86.4	5.9	97.1	7.0	104.3	7.7	115.0	8.8
	103	50.7	3.2	65.0	4.4	75.7	5.4	86.4	6.4	97.1	7.6	104.3	8.4	113.4	9.4
	106	50.7	3.4	65.0	4.7	75.7	5.7	86.4	6.9	97.1	8.1	104.3	8.9	109.7	9.6
	110	50.7	3.7	65.0	5.1	75.7	6.3	86.4	7.5	97.1	8.8	103.0	9.5	103.3	9.6
	115	50.7	4.2	65.0	5.7	75.7	7.0	86.4	8.3	91.3	9.0	91.4	9.0	91.7	9.0
	118	50.7	4.5	65.0	6.1	75.7	7.4	81.7	8.2	81.9	8.3	82.1	8.3	82.3	8.3
	122	50.7	4.9	65.0	6.7	65.5	6.7	65.7	6.7	65.9	6.8	66.0	6.8	66.2	6.8
80	23	45.1	1.2	57.8	1.7	67.3	2.0	76.8	2.4	86.3	2.8	92.7	3.1	102.2	3.6
	30	45.1	1.3	57.8	1.7	67.3	2.1	76.8	2.5	86.3	2.9	92.7	3.2	102.2	3.7
	40	45.1	1.3	57.8	1.8	67.3	2.1	76.8	2.6	86.3	3.0	92.7	3.3	102.2	3.8
	50	45.1	1.4	57.8	1.8	67.3	2.2	76.8	2.7	86.3	3.1	92.7	3.4	102.2	3.9
	54	45.1	1.4	57.8	1.9	67.3	2.3	76.8	2.7	86.3	3.2	92.7	3.5	102.2	4.0
	58	45.1	1.4	57.8	1.9	67.3	2.3	76.8	2.8	86.3	3.3	92.7	3.6	102.2	4.1
	62	45.1	1.5	57.8	2.0	67.3	2.4	76.8	2.9	86.3	3.4	92.7	3.7	102.2	4.3
	66	45.1	1.5	57.8	2.1	67.3	2.5	76.8	3.0	86.3	3.5	92.7	3.9	102.2	4.4
	70	45.1	1.6	57.8	2.2	67.3	2.6	76.8	3.1	86.3	3.7	92.7	4.0	102.2	4.6
	72	45.1	1.6	57.8	2.2	67.3	2.7	76.8	3.2	86.3	3.8	92.7	4.1	102.2	4.7
	75	45.1	1.7	57.8	2.3	67.3	2.8	76.8	3.3	86.3	3.9	92.7	4.3	102.2	4.9
	79	45.1	1.8	57.8	2.4	67.3	3.0	76.8	3.5	86.3	4.1	92.7	4.6	102.2	5.2
	83	45.1	1.9	57.8	2.6	67.3	3.2	76.8	3.8	86.3	4.4	92.7	4.8	102.2	5.6
	87	45.1	2.1	57.8	2.8	67.3	3.4	76.8	4.0	86.3	4.7	92.7	5.2	102.2	5.9
	91	45.1	2.2	57.8	3.0	67.3	3.6	76.8	4.3	86.3	5.1	92.7	5.6	102.2	6.4
	93	45.1	2.3	57.8	3.1	67.3	3.8	76.8	4.5	86.3	5.3	92.7	5.8	102.2	6.6
	95	45.1	2.4	57.8	3.2	67.3	3.9	76.8	4.7	86.3	5.5	92.7	6.0	102.2	6.9
	99	45.1	2.6	57.8	3.5	67.3	4.2	76.8	5.1	86.3	5.9	92.7	6.5	102.2	7.5
	103	45.1	2.8	57.8	3.8	67.3	4.6	76.8	5.5	86.3	6.4	92.7	7.1	102.2	8.1
	106	45.1	3.0	57.8	4.0	67.3	4.9	76.8	5.9	86.3	6.8	92.7	7.5	102.2	8.7
	110	45.1	3.3	57.8	4.4	67.3	5.4	76.8	6.4	86.3	7.5	92.7	8.2	100.9	9.3
	115	45.1	3.6	57.8	4.9	67.3	6.0	76.8	7.1	86.3	8.3	89.4	8.7	89.6	8.8
	118	45.1	3.9	57.8	5.2	67.3	6.4	76.8	7.6	80.1	8.0	80.2	8.0	80.5	8.1
	122	45.1	4.2	57.8	5.7	64.0	6.5	64.2	6.6	64.4	6.6	64.5	6.6	64.7	6.6
70	23	39.4	1.1	50.5	1.4	58.9	1.7	67.2	2.0	75.5	2.4	81.1	2.6	89.4	3.0
	30	39.4	1.1	50.5	1.5	58.9	1.8	67.2	2.1	75.5	2.4	81.1	2.7	89.4	3.0
	40	39.4	1.1	50.5	1.5	58.9	1.8	67.2	2.1	75.5	2.5	81.1	2.7	89.4	3.1
	50	39.4	1.2	50.5	1.6	58.9	1.9	67.2	2.2	75.5	2.6	81.1	2.9	89.4	3.3
	54	39.4	1.2	50.5	1.6	58.9	1.9	67.2	2.3	75.5	2.7	81.1	2.9	89.4	3.3
	58	39.4	1.2	50.5	1.6	58.9	2.0	67.2	2.3	75.5	2.7	81.1	3.0	89.4	3.4
	62	39.4	1.3	50.5	1.7	58.9	2.0	67.2	2.4	75.5	2.8	81.1	3.1	89.4	3.5
	66	39.4	1.3	50.5	1.8	58.9	2.1	67.2	2.5	75.5	2.9	81.1	3.2	89.4	3.7
	70	39.4	1.4	50.5	1.8	58.9	2.2	67.2	2.6	75.5	3.1	81.1	3.4	89.4	3.8
	72	39.4	1.4	50.5	1.9	58.9	2.3	67.2	2.7	75.5	3.1	81.1	3.4	89.4	3.9
	75	39.4	1.5	50.5	2.0	58.9	2.4	67.2	2.8	75.5	3.3	81.1	3.6	89.4	4.1
	79	39.4	1.5	50.5	2.1	58.9	2.5	67.2	3.0	75.5	3.5	81.1	3.8	89.4	4.3
	83	39.4	1.6	50.5	2.2	58.9	2.7	67.2	3.2	75.5	3.7	81.1	4.0	89.4	4.6
	87	39.4	1.8	50.5	2.4	58.9	2.8	67.2	3.4	75.5	3.9	81.1	4.3	89.4	4.9
	91	39.4	1.9	50.5	2.5	58.9	3.1	67.2	3.6	75.5	4.2	81.1	4.7	89.4	5.3
	93	39.4	2.0	50.5	2.6	58.9	3.2	67.2	3.8	75.5	4.4	81.1	4.8	89.4	5.5
	95	39.4	2.0	50.5	2.7	58.9	3.3	67.2	3.9	75.5	4.6	81.1	5.0	89.4	5.7
	99	39.4	2.2	50.5	3.0	58.9	3.6	67.2	4.2	75.5	4.9	81.1	5.4	89.4	6.2
	103	39.4	2.4	50.5	3.2	58.9	3.9	67.2	4.6	75.5	5.4	81.1	5.9	89.4	6.7
	106	39.4	2.5	50.5	3.4	58.9	4.1	67.2	4.9	75.5	5.7	81.1	6.3	89.4	7.2
	110	39.4	2.8	50.5	3.7	58.9	4.5	67.2	5.3	75.5	6.2	81.1	6.9	89.4	7.8
	115	39.4	3.1	50.5	4.2	58.9	5.0	67.2	6.0	75.5	7.0	81.1	7.6	87.6	8.5
	118	39.4	3.3	50.5	4.4	58.9	5.4	67.2	6.4	75.5	7.4	78.4	7.8	78.6	7.8
	122	39.4	3.6	50.5	4.9	58.9	5.9	62.7	6.4	62.9	6.4	63.0	6.4	63.2	6.4

Tc: Total Capacity PI: Power Input

Table 85 - 38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	33.8	0.9	43.3	1.2	50.5	1.4	57.6	1.7	64.7	1.9	69.5	2.1	76.6	2.4
	30	33.8	0.9	43.3	1.2	50.5	1.4	57.6	1.7	64.7	2.0	69.5	2.2	76.6	2.5
	40	33.8	0.9	43.3	1.2	50.5	1.5	57.6	1.8	64.7	2.0	69.5	2.2	76.6	2.5
	50	33.8	1.0	43.3	1.3	50.5	1.6	57.6	1.8	64.7	2.1	69.5	2.3	76.6	2.7
	54	33.8	1.0	43.3	1.3	50.5	1.6	57.6	1.9	64.7	2.2	69.5	2.4	76.6	2.7
	58	33.8	1.0	43.3	1.4	50.5	1.6	57.6	1.9	64.7	2.2	69.5	2.4	76.6	2.8
	62	33.8	1.1	43.3	1.4	50.5	1.7	57.6	2.0	64.7	2.3	69.5	2.5	76.6	2.9
	66	33.8	1.1	43.3	1.5	50.5	1.8	57.6	2.1	64.7	2.4	69.5	2.6	76.6	3.0
	70	33.8	1.1	43.3	1.5	50.5	1.8	57.6	2.2	64.7	2.5	69.5	2.7	76.6	3.1
	72	33.8	1.2	43.3	1.6	50.5	1.9	57.6	2.2	64.7	2.6	69.5	2.8	76.6	3.2
	75	33.8	1.2	43.3	1.6	50.5	1.9	57.6	2.3	64.7	2.7	69.5	2.9	76.6	3.3
	79	33.8	1.3	43.3	1.7	50.5	2.1	57.6	2.4	64.7	2.8	69.5	3.1	76.6	3.5
	83	33.8	1.4	43.3	1.8	50.5	2.2	57.6	2.6	64.7	3.0	69.5	3.3	76.6	3.7
	87	33.8	1.5	43.3	2.0	50.5	2.4	57.6	2.8	64.7	3.2	69.5	3.5	76.6	4.0
	91	33.8	1.6	43.3	2.1	50.5	2.5	57.6	3.0	64.7	3.5	69.5	3.8	76.6	4.3
	93	33.8	1.6	43.3	2.2	50.5	2.6	57.6	3.1	64.7	3.6	69.5	3.9	76.6	4.5
	95	33.8	1.7	43.3	2.3	50.5	2.7	57.6	3.2	64.7	3.7	69.5	4.1	76.6	4.7
	99	33.8	1.8	43.3	2.5	50.5	3.0	57.6	3.5	64.7	4.0	69.5	4.4	76.6	5.0
	103	33.8	2.0	43.3	2.7	50.5	3.2	57.6	3.8	64.7	4.4	69.5	4.8	76.6	5.5
	106	33.8	2.1	43.3	2.8	50.5	3.4	57.6	4.0	64.7	4.7	69.5	5.1	76.6	5.8
	110	33.8	2.3	43.3	3.1	50.5	3.7	57.6	4.4	64.7	5.1	69.5	5.6	76.6	6.4
	115	33.8	2.6	43.3	3.5	50.5	4.2	57.6	4.9	64.7	5.7	69.5	6.2	76.6	7.1
	118	33.8	2.8	43.3	3.7	50.5	4.4	57.6	5.2	64.7	6.1	69.5	6.7	76.6	7.6
	122	33.8	3.0	43.3	4.0	50.5	4.8	57.6	5.7	61.4	6.2	61.5	6.2	61.7	6.2
50	23	28.2	0.7	36.1	0.9	42.1	1.1	48.0	1.3	54.0	1.5	57.9	1.7	63.9	1.9
	30	28.2	0.7	36.1	1.0	42.1	1.2	48.0	1.4	54.0	1.6	57.9	1.7	63.9	1.9
	40	28.2	0.8	36.1	1.0	42.1	1.2	48.0	1.4	54.0	1.6	57.9	1.8	63.9	2.0
	50	28.2	0.8	36.1	1.0	42.1	1.2	48.0	1.5	54.0	1.7	57.9	1.8	63.9	2.1
	54	28.2	0.8	36.1	1.1	42.1	1.3	48.0	1.5	54.0	1.7	57.9	1.9	63.9	2.1
	58	28.2	0.8	36.1	1.1	42.1	1.3	48.0	1.5	54.0	1.8	57.9	1.9	63.9	2.2
	62	28.2	0.9	36.1	1.1	42.1	1.4	48.0	1.6	54.0	1.8	57.9	2.0	63.9	2.3
	66	28.2	0.9	36.1	1.2	42.1	1.4	48.0	1.6	54.0	1.9	57.9	2.1	63.9	2.4
	70	28.2	0.9	36.1	1.2	42.1	1.5	48.0	1.7	54.0	2.0	57.9	2.2	63.9	2.5
	72	28.2	1.0	36.1	1.3	42.1	1.5	48.0	1.8	54.0	2.0	57.9	2.2	63.9	2.5
	75	28.2	1.0	36.1	1.3	42.1	1.6	48.0	1.8	54.0	2.1	57.9	2.3	63.9	2.6
	79	28.2	1.1	36.1	1.4	42.1	1.7	48.0	1.9	54.0	2.2	57.9	2.4	63.9	2.8
	83	28.2	1.1	36.1	1.5	42.1	1.8	48.0	2.1	54.0	2.4	57.9	2.6	63.9	3.0
	87	28.2	1.2	36.1	1.6	42.1	1.9	48.0	2.2	54.0	2.6	57.9	2.8	63.9	3.2
	91	28.2	1.3	36.1	1.7	42.1	2.0	48.0	2.4	54.0	2.7	57.9	3.0	63.9	3.4
	93	28.2	1.3	36.1	1.8	42.1	2.1	48.0	2.5	54.0	2.9	57.9	3.1	63.9	3.5
	95	28.2	1.4	36.1	1.8	42.1	2.2	48.0	2.6	54.0	3.0	57.9	3.2	63.9	3.7
	99	28.2	1.5	36.1	2.0	42.1	2.4	48.0	2.8	54.0	3.2	57.9	3.5	63.9	4.0
	103	28.2	1.6	36.1	2.2	42.1	2.6	48.0	3.0	54.0	3.5	57.9	3.8	63.9	4.3
	106	28.2	1.7	36.1	2.3	42.1	2.7	48.0	3.2	54.0	3.7	57.9	4.1	63.9	4.6
	110	28.2	1.9	36.1	2.5	42.1	3.0	48.0	3.5	54.0	4.0	57.9	4.4	63.9	5.0
	115	28.2	2.1	36.1	2.8	42.1	3.3	48.0	3.9	54.0	4.5	57.9	4.9	63.9	5.6
	118	28.2	2.3	36.1	3.0	42.1	3.6	48.0	4.2	54.0	4.8	57.9	5.3	63.9	6.0
	122	28.2	2.5	36.1	3.3	42.1	3.9	48.0	4.6	54.0	5.3	57.9	5.8	60.2	6.0

Tc: Total Capacity PI: Power Input

Table 86 - 38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	88.3	3.1	113.2	4.3	131.9	5.4	150.5	6.5	169.2	7.7	176.5	8.2	177.0	8.2
	30	88.3	3.2	113.2	4.5	131.9	5.5	150.5	6.7	169.2	7.9	172.5	8.1	173.0	8.2
	40	88.3	3.3	113.2	4.6	131.9	5.7	150.5	6.9	167.4	8.0	167.7	8.1	168.2	8.1
	50	88.3	3.4	113.2	4.8	131.9	5.9	150.5	7.2	161.8	8.0	162.1	8.0	162.6	8.0
	54	88.3	3.5	113.2	4.9	131.9	6.0	150.5	7.3	159.3	7.9	159.6	8.0	160.1	8.0
	58	88.3	3.6	113.2	5.0	131.9	6.2	150.5	7.5	156.7	8.0	157.0	8.0	157.5	8.0
	62	88.3	3.7	113.2	5.2	131.9	6.4	150.5	7.8	154.1	8.0	154.4	8.0	154.9	8.1
	66	88.3	3.9	113.2	5.4	131.9	6.7	150.5	8.1	151.5	8.1	151.8	8.2	152.3	8.2
	70	88.3	4.0	113.2	5.6	131.9	7.0	148.6	8.3	149.0	8.3	149.3	8.3	149.8	8.4
	72	88.3	4.1	113.2	5.8	131.9	7.1	147.4	8.4	147.8	8.4	148.1	8.4	148.6	8.5
	75	88.3	4.3	113.2	6.0	131.9	7.4	145.7	8.5	146.1	8.6	146.4	8.6	146.8	8.6
	79	88.3	4.5	113.2	6.3	131.9	7.8	143.5	8.9	144.0	8.9	144.2	8.9	144.7	9.0
	83	88.3	4.8	113.2	6.8	131.9	8.4	141.5	9.2	141.9	9.3	142.2	9.3	142.6	9.3
	87	88.3	5.2	113.2	7.2	131.9	8.9	139.5	9.7	139.9	9.7	140.2	9.8	140.6	9.8
	91	88.3	5.6	113.2	7.8	131.9	9.6	137.4	10.2	137.8	10.2	138.1	10.3	138.5	10.3
	93	88.3	5.8	113.2	8.1	131.9	10.0	136.2	10.5	136.6	10.5	136.9	10.5	137.3	10.6
	95	88.3	6.0	113.2	8.4	131.9	10.4	134.9	10.7	135.3	10.8	135.6	10.8	136.0	10.8
	99	88.3	6.5	113.2	9.1	131.4	11.2	131.8	11.2	132.2	11.3	132.5	11.3	132.9	11.4
	103	88.3	7.1	113.2	9.9	127.3	11.6	127.7	11.7	128.1	11.7	128.3	11.7	128.7	11.8
	106	88.3	7.5	113.2	10.5	123.2	11.8	123.6	11.9	124.0	11.9	124.2	12.0	124.6	12.0
	110	88.3	8.2	113.2	11.5	116.0	11.8	116.3	11.9	116.7	11.9	116.9	12.0	117.3	12.0
	115	88.3	9.1	102.7	11.2	103.0	11.2	103.3	11.3	103.6	11.3	103.8	11.3	104.1	11.4
	118	88.3	9.8	92.2	10.3	92.5	10.4	92.7	10.4	93.0	10.5	93.2	10.5	93.5	10.5
	122	73.8	8.5	74.1	8.5	74.3	8.5	74.6	8.6	74.8	8.6	74.9	8.6	75.2	8.7
140	23	86.4	3.0	110.8	4.2	129.0	5.2	147.3	6.3	165.6	7.5	173.0	8.0	173.5	8.0
	30	86.4	3.1	110.8	4.3	129.0	5.3	147.3	6.5	165.6	7.7	169.1	7.9	169.6	7.9
	40	86.4	3.2	110.8	4.5	129.0	5.5	147.3	6.7	164.0	7.8	164.4	7.8	164.8	7.8
	50	86.4	3.3	110.8	4.6	129.0	5.7	147.3	6.9	158.6	7.7	158.9	7.7	159.4	7.8
	54	86.4	3.4	110.8	4.7	129.0	5.9	147.3	7.1	156.2	7.7	156.5	7.7	156.9	7.8
	58	86.4	3.5	110.8	4.9	129.0	6.0	147.3	7.3	153.6	7.7	153.9	7.8	154.4	7.8
	62	86.4	3.6	110.8	5.0	129.0	6.2	147.3	7.5	151.0	7.8	151.3	7.8	151.8	7.8
	66	86.4	3.7	110.8	5.2	129.0	6.5	147.3	7.8	148.5	7.9	148.8	7.9	149.3	8.0
	70	86.4	3.9	110.8	5.5	129.0	6.7	145.6	8.0	146.1	8.1	146.4	8.1	146.8	8.1
	72	86.4	4.0	110.8	5.6	129.0	6.9	144.5	8.1	144.9	8.2	145.2	8.2	145.6	8.2
	75	86.4	4.2	110.8	5.8	129.0	7.2	142.8	8.3	143.2	8.3	143.5	8.4	143.9	8.4
	79	86.4	4.4	110.8	6.2	129.0	7.6	140.7	8.6	141.1	8.6	141.4	8.7	141.8	8.7
	83	86.4	4.7	110.8	6.6	129.0	8.1	138.7	9.0	139.1	9.0	139.4	9.0	139.8	9.1
	87	86.4	5.0	110.8	7.0	129.0	8.7	136.7	9.4	137.1	9.5	137.4	9.5	137.8	9.5
	91	86.4	5.4	110.8	7.5	129.0	9.3	134.7	9.9	135.1	9.9	135.3	10.0	135.7	10.0
	93	86.4	5.6	110.8	7.8	129.0	9.7	133.5	10.2	133.9	10.2	134.2	10.2	134.6	10.3
	95	86.4	5.8	110.8	8.1	129.0	10.1	132.3	10.4	132.7	10.5	132.9	10.5	133.3	10.5
	99	86.4	6.3	110.8	8.8	128.8	10.9	129.2	10.9	129.6	11.0	129.9	11.0	130.3	11.0
	103	86.4	6.9	110.8	9.6	124.8	11.3	125.2	11.3	125.5	11.4	125.8	11.4	126.2	11.5
	106	86.4	7.3	110.8	10.2	120.8	11.5	121.1	11.5	121.5	11.6	121.8	11.6	122.1	11.7
	110	86.4	8.0	110.8	11.1	113.7	11.5	114.0	11.6	114.4	11.6	114.6	11.6	114.9	11.7
	115	86.4	8.9	100.6	10.9	100.9	10.9	101.2	11.0	101.6	11.0	101.8	11.0	102.1	11.1
	118	86.4	9.5	90.3	10.1	90.6	10.1	90.9	10.1	91.2	10.2	91.4	10.2	91.6	10.3
	122	72.3	8.3	72.6	8.3	72.9	8.3	73.1	8.4	73.3	8.4	73.4	8.4	73.7	8.4
130	23	84.5	2.9	108.4	4.1	126.2	5.0	144.1	6.1	161.9	7.2	169.5	7.7	170.0	7.8
	30	84.5	3.0	108.4	4.2	126.2	5.2	144.1	6.2	161.9	7.4	165.6	7.7	166.1	7.7
	40	84.5	3.1	108.4	4.3	126.2	5.3	144.1	6.4	160.7	7.6	161.0	7.6	161.5	7.6
	50	84.5	3.2	108.4	4.5	126.2	5.6	144.1	6.7	155.4	7.5	155.7	7.5	156.2	7.5
	54	84.5	3.3	108.4	4.6	126.2	5.7	144.1	6.9	153.0	7.5	153.3	7.5	153.8	7.5
	58	84.5	3.4	108.4	4.7	126.2	5.8	144.1	7.0	150.5	7.5	150.8	7.5	151.3	7.6
	62	84.5	3.5	108.4	4.9	126.2	6.0	144.1	7.3	148.0	7.6	148.3	7.6	148.7	7.6
	66	84.5	3.6	108.4	5.1	126.2	6.3	144.1	7.6	145.5	7.7	145.8	7.7	146.2	7.7
	70	84.5	3.8	108.4	5.3	126.2	6.5	142.7	7.8	143.1	7.8	143.4	7.8	143.8	7.9
	72	84.5	3.9	108.4	5.4	126.2	6.7	141.5	7.9	141.9	7.9	142.2	7.9	142.7	8.0
	75	84.5	4.1	108.4	5.6	126.2	7.0	139.9	8.1	140.3	8.1	140.6	8.1	141.0	8.2
	79	84.5	4.3	108.4	6.0	126.2	7.4	137.8	8.4	138.2	8.4	138.5	8.4	138.9	8.5
	83	84.5	4.6	108.4	6.4	126.2	7.9	135.9	8.7	136.3	8.8	136.5	8.8	137.0	8.8
	87	84.5	4.9	108.4	6.8	126.2	8.4	133.9	9.1	134.4	9.2	134.6	9.2	135.0	9.2
	91	84.5	5.3	108.4	7.3	126.2	9.0	131.9	9.6	132.3	9.7	132.6	9.7	133.0	9.7
	93	84.5	5.5	108.4	7.6	126.2	9.4	130.8	9.9	131.2	9.9	131.5	9.9	131.9	10.0
	95	84.5	5.7	108.4	7.9	126.2	9.8	129.6	10.1	130.0	10.2	130.2	10.2	130.6	10.2
	99	84.5	6.1	108.4	8.6	126.2	10.6	126.6	10.6	127.0	10.7	127.2	10.7	127.6	10.7
	103	84.5	6.7	108.4	9.3	122.2	11.0	122.6	11.0	123.0	11.1	123.2	11.1	123.6	11.1
	106	84.5	7.1	108.4	9.9	118.3	11.2	118.7	11.2	119.0	11.3	119.3	11.3	119.6	11.3
	110	84.5	7.8	108.4	10.8	111.4	11.2	111.7	11.2	112.0	11.3	112.3	11.3	112.6	11.4
	115	84.5	8.6	98.6	10.6	98.9	10.6	99.2	10.7	99.5	10.7	99.7	10.7	100.0	10.8
	118	84.5	9.2	88.5	9.8	88.8	9.8	89.0	9.9	89.3	9.9	89.5	9.9	89.8	10.0
	122	70.9	8.0	71.2	8.1	71.4	8.1	71.6	8.1	71.8	8.2	72.0	8.2	72.2	8.2

Tc: Total Capacity PI: Power Input

Table 87 - 38VMA120RDS5-1(RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	82.7	2.8	105.9	4.0	123.4	4.9	140.9	5.9	158.3	7.0	166.0	7.5	166.5	7.5
	30	82.7	2.9	105.9	4.1	123.4	5.0	140.9	6.0	158.3	7.2	162.2	7.4	162.7	7.5
	40	82.7	3.0	105.9	4.2	123.4	5.2	140.9	6.2	157.4	7.3	157.7	7.4	158.2	7.4
	50	82.7	3.1	105.9	4.4	123.4	5.4	140.9	6.5	152.2	7.3	152.5	7.3	152.9	7.3
	54	82.7	3.2	105.9	4.5	123.4	5.5	140.9	6.6	149.8	7.3	150.1	7.3	150.6	7.3
	58	82.7	3.3	105.9	4.6	123.4	5.7	140.9	6.8	147.4	7.3	147.7	7.3	148.1	7.3
	62	82.7	3.4	105.9	4.7	123.4	5.8	140.9	7.0	144.9	7.3	145.2	7.4	145.6	7.4
	66	82.7	3.5	105.9	4.9	123.4	6.1	140.9	7.3	142.5	7.4	142.8	7.5	143.2	7.5
	70	82.7	3.7	105.9	5.1	123.4	6.3	139.7	7.6	140.1	7.6	140.4	7.6	140.8	7.6
	72	82.7	3.8	105.9	5.3	123.4	6.5	138.6	7.6	139.0	7.7	139.3	7.7	139.7	7.7
	75	82.7	3.9	105.9	5.5	123.4	6.7	137.0	7.8	137.4	7.9	137.7	7.9	138.1	7.9
	79	82.7	4.2	105.9	5.8	123.4	7.1	135.0	8.1	135.4	8.1	135.6	8.2	136.0	8.2
	83	82.7	4.4	105.9	6.2	123.4	7.6	133.0	8.5	133.5	8.5	133.7	8.5	134.1	8.6
	87	82.7	4.8	105.9	6.6	123.4	8.1	131.2	8.9	131.6	8.9	131.8	8.9	132.2	9.0
	91	82.7	5.1	105.9	7.1	123.4	8.8	129.2	9.3	129.6	9.4	129.8	9.4	130.2	9.4
	93	82.7	5.3	105.9	7.4	123.4	9.1	128.1	9.6	128.5	9.6	128.7	9.7	129.1	9.7
	95	82.7	5.5	105.9	7.7	123.4	9.5	126.9	9.8	127.3	9.9	127.5	9.9	127.9	9.9
	99	82.7	6.0	105.9	8.3	123.4	10.2	124.0	10.3	124.4	10.3	124.6	10.4	125.0	10.4
	103	82.7	6.5	105.9	9.0	119.7	10.7	120.1	10.7	120.4	10.7	120.7	10.8	121.0	10.8
	106	82.7	6.9	105.9	9.6	115.9	10.9	116.2	10.9	116.6	10.9	116.8	11.0	117.2	11.0
	110	82.7	7.5	105.9	10.5	109.1	10.9	109.4	10.9	109.7	11.0	109.9	11.0	110.3	11.0
	115	82.7	8.4	96.6	10.3	96.8	10.3	97.1	10.4	97.4	10.4	97.6	10.4	97.9	10.5
	118	82.7	9.0	86.7	9.5	86.9	9.6	87.2	9.6	87.5	9.6	87.6	9.7	87.9	9.7
	122	69.4	7.8	69.7	7.9	69.9	7.9	70.1	7.9	70.3	8.0	70.5	8.0	70.7	8.0
110	23	77.5	2.6	99.3	3.6	115.6	4.5	132.0	5.4	148.4	6.4	159.3	7.0	162.9	7.3
	30	77.5	2.7	99.3	3.7	115.6	4.6	132.0	5.5	148.4	6.5	158.8	7.2	159.3	7.2
	40	77.5	2.8	99.3	3.8	115.6	4.7	132.0	5.7	148.4	6.7	154.3	7.1	154.8	7.2
	50	77.5	2.9	99.3	4.0	115.6	4.9	132.0	5.9	148.4	7.0	149.2	7.1	149.7	7.1
	54	77.5	3.0	99.3	4.1	115.6	5.0	132.0	6.1	146.6	7.0	146.9	7.1	147.4	7.1
	58	77.5	3.0	99.3	4.2	115.6	5.2	132.0	6.2	144.3	7.1	144.6	7.1	145.0	7.1
	62	77.5	3.1	99.3	4.3	115.6	5.3	132.0	6.4	141.8	7.1	142.1	7.1	142.6	7.2
	66	77.5	3.3	99.3	4.5	115.6	5.5	132.0	6.7	139.5	7.2	139.7	7.2	140.2	7.3
	70	77.5	3.4	99.3	4.7	115.6	5.8	132.0	7.0	137.2	7.4	137.4	7.4	137.9	7.4
	72	77.5	3.5	99.3	4.8	115.6	5.9	132.0	7.1	136.1	7.5	136.3	7.5	136.8	7.5
	75	77.5	3.6	99.3	5.0	115.6	6.2	132.0	7.4	134.5	7.6	134.8	7.6	135.2	7.7
	79	77.5	3.8	99.3	5.3	115.6	6.5	132.0	7.9	132.5	7.9	132.8	7.9	133.2	8.0
	83	77.5	4.1	99.3	5.6	115.6	7.0	130.2	8.2	130.6	8.2	130.9	8.3	131.3	8.3
	87	77.5	4.4	99.3	6.0	115.6	7.4	128.4	8.6	128.8	8.6	129.0	8.7	129.4	8.7
	91	77.5	4.7	99.3	6.5	115.6	8.0	126.5	9.1	126.8	9.1	127.1	9.1	127.5	9.2
	93	77.5	4.9	99.3	6.8	115.6	8.3	125.4	9.3	125.8	9.3	126.0	9.4	126.4	9.4
	95	77.5	5.1	99.3	7.0	115.6	8.6	124.2	9.5	124.6	9.6	124.8	9.6	125.2	9.6
	99	77.5	5.5	99.3	7.6	115.6	9.4	121.4	10.0	121.7	10.0	122.0	10.1	122.3	10.1
	103	77.5	6.0	99.3	8.3	115.6	10.2	117.5	10.4	117.9	10.4	118.1	10.5	118.5	10.5
	106	77.5	6.4	99.3	8.8	113.4	10.5	113.8	10.6	114.1	10.6	114.3	10.7	114.7	10.7
	110	77.5	6.9	99.3	9.6	106.8	10.6	107.1	10.6	107.4	10.7	107.6	10.7	107.9	10.7
	115	77.5	7.7	94.5	10.0	94.8	10.0	95.1	10.1	95.4	10.1	95.6	10.2	95.9	10.2
	118	77.5	8.2	84.8	9.3	85.1	9.3	85.4	9.3	85.6	9.4	85.8	9.4	86.0	9.4
	122	67.9	7.6	68.2	7.7	68.4	7.7	68.6	7.7	68.8	7.8	69.0	7.8	69.2	7.8
100	23	70.4	2.3	90.2	3.2	105.1	3.9	120.0	4.7	134.9	5.5	144.8	6.1	159.4	7.1
	30	70.4	2.4	90.2	3.3	105.1	4.0	120.0	4.8	134.9	5.7	144.8	6.3	155.8	7.0
	40	70.4	2.5	90.2	3.4	105.1	4.2	120.0	5.0	134.9	5.9	144.8	6.5	151.5	6.9
	50	70.4	2.6	90.2	3.5	105.1	4.3	120.0	5.2	134.9	6.1	144.8	6.8	146.5	6.9
	54	70.4	2.6	90.2	3.6	105.1	4.4	120.0	5.3	134.9	6.2	143.8	6.8	144.2	6.9
	58	70.4	2.7	90.2	3.7	105.1	4.5	120.0	5.4	134.9	6.4	141.4	6.9	141.9	6.9
	62	70.4	2.8	90.2	3.8	105.1	4.7	120.0	5.6	134.9	6.6	139.1	6.9	139.5	6.9
	66	70.4	2.9	90.2	4.0	105.1	4.9	120.0	5.8	134.9	6.9	136.7	7.0	137.1	7.0
	70	70.4	3.0	90.2	4.1	105.1	5.1	120.0	6.1	134.2	7.1	134.5	7.2	134.9	7.2
	72	70.4	3.1	90.2	4.2	105.1	5.2	120.0	6.2	133.1	7.2	133.4	7.2	133.8	7.3
	75	70.4	3.2	90.2	4.4	105.1	5.4	120.0	6.5	131.6	7.4	131.8	7.4	132.2	7.4
	79	70.4	3.4	90.2	4.7	105.1	5.7	120.0	6.9	129.6	7.7	129.9	7.7	130.3	7.7
	83	70.4	3.6	90.2	5.0	105.1	6.1	120.0	7.3	127.8	8.0	128.1	8.0	128.4	8.1
	87	70.4	3.9	90.2	5.3	105.1	6.5	120.0	7.8	126.0	8.4	126.3	8.4	126.6	8.4
	91	70.4	4.2	90.2	5.7	105.1	7.0	120.0	8.4	124.1	8.8	124.3	8.9	124.7	8.9
	93	70.4	4.3	90.2	5.9	105.1	7.3	120.0	8.7	123.0	9.1	123.3	9.1	123.7	9.1
	95	70.4	4.5	90.2	6.2	105.1	7.6	120.0	9.1	121.9	9.3	122.1	9.3	122.5	9.4
	99	70.4	4.9	90.2	6.7	105.1	8.2	118.7	9.7	119.1	9.7	119.3	9.8	119.7	9.8
	103	70.4	5.3	90.2	7.3	105.1	8.9	115.0	10.1	115.3	10.1	115.6	10.2	115.9	10.2
	106	70.4	5.6	90.2	7.7	105.1	9.5	111.3	10.3	111.6	10.3	111.9	10.3	112.2	10.4
	110	70.4	6.1	90.2	8.4	104.4	10.3	104.8	10.3	105.1	10.3	105.3	10.4	105.6	10.4
	115	70.4	6.8	90.2	9.4	92.7	9.8	93.0	9.8	93.3	9.8	93.5	9.9	93.8	9.9
	118	70.4	7.3	83.0	9.0	83.3	9.0	83.5	9.1	83.8	9.1	83.9	9.1	84.2	9.2
	122	66.5	7.4	66.7	7.5	66.9	7.5	67.1	7.5	67.3	7.6	67.5	7.6	67.7	7.6

Tc: Total Capacity PI: Power Input

Table 88 - 38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	63.4	2.0	81.2	2.8	94.6	3.4	108.0	4.1	121.4	4.8	130.3	5.3	143.7	6.1
	30	63.4	2.1	81.2	2.9	94.6	3.5	108.0	4.2	121.4	4.9	130.3	5.4	143.7	6.2
	40	63.4	2.2	81.2	3.0	94.6	3.6	108.0	4.3	121.4	5.1	130.3	5.6	143.7	6.4
	50	63.4	2.2	81.2	3.1	94.6	3.8	108.0	4.5	121.4	5.3	130.3	5.8	143.2	6.7
	54	63.4	2.3	81.2	3.1	94.6	3.8	108.0	4.6	121.4	5.4	130.3	5.9	141.0	6.7
	58	63.4	2.4	81.2	3.2	94.6	3.9	108.0	4.7	121.4	5.5	130.3	6.1	138.7	6.7
	62	63.4	2.4	81.2	3.3	94.6	4.1	108.0	4.9	121.4	5.7	130.3	6.3	136.4	6.7
	66	63.4	2.5	81.2	3.5	94.6	4.2	108.0	5.0	121.4	5.9	130.3	6.5	134.1	6.8
	70	63.4	2.6	81.2	3.6	94.6	4.4	108.0	5.3	121.4	6.2	130.3	6.8	131.9	7.0
	72	63.4	2.7	81.2	3.7	94.6	4.5	108.0	5.4	121.4	6.3	130.3	7.0	130.8	7.0
	75	63.4	2.8	81.2	3.8	94.6	4.7	108.0	5.6	121.4	6.6	128.9	7.2	129.3	7.2
	79	63.4	3.0	81.2	4.1	94.6	5.0	108.0	5.9	121.4	7.0	127.0	7.4	127.4	7.5
	83	63.4	3.2	81.2	4.3	94.6	5.3	108.0	6.3	121.4	7.4	125.2	7.8	125.6	7.8
	87	63.4	3.4	81.2	4.6	94.6	5.7	108.0	6.8	121.4	8.0	123.5	8.2	123.8	8.2
	91	63.4	3.7	81.2	5.0	94.6	6.1	108.0	7.3	121.4	8.6	121.6	8.6	122.0	8.6
	93	63.4	3.8	81.2	5.2	94.6	6.3	108.0	7.6	120.3	8.8	120.6	8.8	120.9	8.8
	95	63.4	3.9	81.2	5.4	94.6	6.6	108.0	7.9	119.2	9.0	119.4	9.0	119.8	9.1
	99	63.4	4.3	81.2	5.8	94.6	7.1	108.0	8.5	116.5	9.4	116.7	9.5	117.0	9.5
	103	63.4	4.6	81.2	6.3	94.6	7.7	108.0	9.2	112.8	9.8	113.0	9.8	113.4	9.9
	106	63.4	4.9	81.2	6.8	94.6	8.2	108.0	9.9	109.2	10.0	109.4	10.0	109.7	10.1
	110	63.4	5.4	81.2	7.4	94.6	9.0	102.4	10.0	102.8	10.0	103.0	10.1	103.3	10.1
	115	63.4	6.0	81.2	8.2	90.7	9.5	91.0	9.5	91.3	9.5	91.4	9.6	91.7	9.6
	118	63.4	6.4	81.2	8.8	81.4	8.8	81.7	8.8	81.9	8.9	82.1	8.9	82.3	8.9
	122	63.4	7.0	65.3	7.3	65.5	7.3	65.7	7.3	65.9	7.3	66.0	7.4	66.2	7.4
80	23	56.3	1.8	72.2	2.4	84.1	2.9	96.0	3.5	107.9	4.1	115.8	4.5	127.7	5.1
	30	56.3	1.8	72.2	2.5	84.1	3.0	96.0	3.6	107.9	4.2	115.8	4.6	127.7	5.3
	40	56.3	1.9	72.2	2.5	84.1	3.1	96.0	3.7	107.9	4.3	115.8	4.7	127.7	5.4
	50	56.3	2.0	72.2	2.6	84.1	3.2	96.0	3.8	107.9	4.5	115.8	4.9	127.7	5.7
	54	56.3	2.0	72.2	2.7	84.1	3.3	96.0	3.9	107.9	4.6	115.8	5.0	127.7	5.8
	58	56.3	2.0	72.2	2.8	84.1	3.4	96.0	4.0	107.9	4.7	115.8	5.2	127.7	5.9
	62	56.3	2.1	72.2	2.9	84.1	3.5	96.0	4.1	107.9	4.9	115.8	5.3	127.7	6.1
	66	56.3	2.2	72.2	3.0	84.1	3.6	96.0	4.3	107.9	5.0	115.8	5.6	127.7	6.4
	70	56.3	2.3	72.2	3.1	84.1	3.8	96.0	4.5	107.9	5.3	115.8	5.8	127.7	6.7
	72	56.3	2.3	72.2	3.2	84.1	3.9	96.0	4.6	107.9	5.4	115.8	5.9	127.7	6.8
	75	56.3	2.4	72.2	3.3	84.1	4.0	96.0	4.8	107.9	5.6	115.8	6.2	126.4	7.0
	79	56.3	2.6	72.2	3.5	84.1	4.3	96.0	5.1	107.9	5.9	115.8	6.5	124.5	7.2
	83	56.3	2.8	72.2	3.7	84.1	4.5	96.0	5.4	107.9	6.3	115.8	7.0	122.8	7.6
	87	56.3	2.9	72.2	4.0	84.1	4.9	96.0	5.8	107.9	6.8	115.8	7.5	121.0	7.9
	91	56.3	3.2	72.2	4.3	84.1	5.2	96.0	6.2	107.9	7.3	115.8	8.0	119.2	8.3
	93	56.3	3.3	72.2	4.5	84.1	5.4	96.0	6.5	107.9	7.6	115.8	8.3	118.2	8.6
	95	56.3	3.4	72.2	4.6	84.1	5.6	96.0	6.7	107.9	7.9	115.8	8.7	117.1	8.8
	99	56.3	3.7	72.2	5.0	84.1	6.1	96.0	7.3	107.9	8.5	114.1	9.2	114.4	9.2
	103	56.3	4.0	72.2	5.5	84.1	6.6	96.0	7.9	107.9	9.2	110.5	9.5	110.8	9.6
	106	56.3	4.3	72.2	5.8	84.1	7.1	96.0	8.4	106.7	9.7	106.9	9.7	107.3	9.8
	110	56.3	4.7	72.2	6.3	84.1	7.7	96.0	9.2	100.4	9.7	100.6	9.8	100.9	9.8
	115	56.3	5.2	72.2	7.1	84.1	8.6	88.9	9.2	89.2	9.3	89.4	9.3	89.6	9.3
	118	56.3	5.6	72.2	7.5	79.6	8.5	79.8	8.6	80.1	8.6	80.2	8.6	80.5	8.7
	122	56.3	6.1	63.8	7.1	64.0	7.1	64.2	7.1	64.4	7.1	64.5	7.2	64.7	7.2
70	23	49.3	1.5	63.2	2.0	73.6	2.5	84.0	2.9	94.4	3.4	101.4	3.7	111.8	4.3
	30	49.3	1.6	63.2	2.1	73.6	2.5	84.0	3.0	94.4	3.5	101.4	3.8	111.8	4.4
	40	49.3	1.6	63.2	2.2	73.6	2.6	84.0	3.1	94.4	3.6	101.4	4.0	111.8	4.5
	50	49.3	1.7	63.2	2.2	73.6	2.7	84.0	3.2	94.4	3.7	101.4	4.1	111.8	4.7
	54	49.3	1.7	63.2	2.3	73.6	2.8	84.0	3.3	94.4	3.8	101.4	4.2	111.8	4.8
	58	49.3	1.7	63.2	2.4	73.6	2.8	84.0	3.4	94.4	3.9	101.4	4.3	111.8	4.9
	62	49.3	1.8	63.2	2.4	73.6	2.9	84.0	3.5	94.4	4.1	101.4	4.5	111.8	5.1
	66	49.3	1.9	63.2	2.5	73.6	3.0	84.0	3.6	94.4	4.2	101.4	4.6	111.8	5.3
	70	49.3	2.0	63.2	2.6	73.6	3.2	84.0	3.8	94.4	4.4	101.4	4.8	111.8	5.5
	72	49.3	2.0	63.2	2.7	73.6	3.3	84.0	3.9	94.4	4.5	101.4	5.0	111.8	5.7
	75	49.3	2.1	63.2	2.8	73.6	3.4	84.0	4.0	94.4	4.7	101.4	5.2	111.8	5.9
	79	49.3	2.2	63.2	3.0	73.6	3.6	84.0	4.3	94.4	5.0	101.4	5.5	111.8	6.2
	83	49.3	2.4	63.2	3.2	73.6	3.8	84.0	4.5	94.4	5.3	101.4	5.8	111.8	6.6
	87	49.3	2.5	63.2	3.4	73.6	4.1	84.0	4.9	94.4	5.7	101.4	6.2	111.8	7.1
	91	49.3	2.7	63.2	3.6	73.6	4.4	84.0	5.2	94.4	6.1	101.4	6.7	111.8	7.6
	93	49.3	2.8	63.2	3.8	73.6	4.6	84.0	5.4	94.4	6.3	101.4	6.9	111.8	7.9
	95	49.3	2.9	63.2	3.9	73.6	4.8	84.0	5.6	94.4	6.6	101.4	7.2	111.8	8.2
	99	49.3	3.2	63.2	4.3	73.6	5.1	84.0	6.1	94.4	7.1	101.4	7.8	111.8	8.9
	103	49.3	3.4	63.2	4.6	73.6	5.6	84.0	6.6	94.4	7.7	101.4	8.5	108.2	9.3
	106	49.3	3.7	63.2	4.9	73.6	6.0	84.0	7.1	94.4	8.2	101.4	9.0	104.8	9.5
	110	49.3	4.0	63.2	5.4	73.6	6.5	84.0	7.7	94.4	9.0	98.3	9.5	98.6	9.5
	115	49.3	4.4	63.2	6.0	73.6	7.2	84.0	8.6	87.1	9.0	87.3	9.0	87.6	9.0
	118	49.3	4.8	63.2	6.4	73.6	7.7	78.0	8.3	78.2	8.3	78.4	8.4	78.6	8.4
	122	49.3	5.2	62.3	6.9	62.5	6.9	62.7	6.9	62.9	6.9	63.0	7.0	63.2	7.0

Tc: Total Capacity PI: Power Input

Table 89 - 38VMA120RDS5-1(RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	42.2	1.3	54.1	1.7	63.1	2.0	72.0	2.4	80.9	2.8	86.9	3.0	95.8	3.5
	30	42.2	1.3	54.1	1.7	63.1	2.1	72.0	2.5	80.9	2.8	86.9	3.1	95.8	3.6
	40	42.2	1.3	54.1	1.8	63.1	2.1	72.0	2.5	80.9	2.9	86.9	3.2	95.8	3.7
	50	42.2	1.4	54.1	1.9	63.1	2.2	72.0	2.6	80.9	3.1	86.9	3.4	95.8	3.8
	54	42.2	1.4	54.1	1.9	63.1	2.3	72.0	2.7	80.9	3.1	86.9	3.4	95.8	3.9
	58	42.2	1.5	54.1	2.0	63.1	2.3	72.0	2.8	80.9	3.2	86.9	3.5	95.8	4.0
	62	42.2	1.5	54.1	2.0	63.1	2.4	72.0	2.9	80.9	3.3	86.9	3.6	95.8	4.1
	66	42.2	1.6	54.1	2.1	63.1	2.5	72.0	3.0	80.9	3.4	86.9	3.8	95.8	4.3
	70	42.2	1.6	54.1	2.2	63.1	2.6	72.0	3.1	80.9	3.6	86.9	3.9	95.8	4.5
	72	42.2	1.7	54.1	2.2	63.1	2.7	72.0	3.2	80.9	3.7	86.9	4.0	95.8	4.6
	75	42.2	1.7	54.1	2.3	63.1	2.8	72.0	3.3	80.9	3.8	86.9	4.2	95.8	4.8
	79	42.2	1.9	54.1	2.5	63.1	3.0	72.0	3.5	80.9	4.1	86.9	4.4	95.8	5.1
	83	42.2	2.0	54.1	2.6	63.1	3.2	72.0	3.7	80.9	4.3	86.9	4.7	95.8	5.4
	87	42.2	2.1	54.1	2.8	63.1	3.4	72.0	4.0	80.9	4.6	86.9	5.1	95.8	5.8
	91	42.2	2.3	54.1	3.0	63.1	3.6	72.0	4.3	80.9	5.0	86.9	5.4	95.8	6.2
	93	42.2	2.4	54.1	3.1	63.1	3.8	72.0	4.4	80.9	5.2	86.9	5.7	95.8	6.4
	95	42.2	2.4	54.1	3.3	63.1	3.9	72.0	4.6	80.9	5.4	86.9	5.9	95.8	6.7
	99	42.2	2.7	54.1	3.5	63.1	4.2	72.0	5.0	80.9	5.8	86.9	6.4	95.8	7.2
	103	42.2	2.9	54.1	3.8	63.1	4.6	72.0	5.4	80.9	6.3	86.9	6.9	95.8	7.9
	106	42.2	3.1	54.1	4.1	63.1	4.9	72.0	5.8	80.9	6.7	86.9	7.4	95.8	8.4
	110	42.2	3.3	54.1	4.5	63.1	5.4	72.0	6.3	80.9	7.3	86.9	8.0	95.8	9.1
	115	42.2	3.7	54.1	5.0	63.1	6.0	72.0	7.0	80.9	8.2	85.2	8.7	85.5	8.8
	118	42.2	4.0	54.1	5.3	63.1	6.4	72.0	7.5	76.4	8.1	76.5	8.1	76.8	8.1
	122	42.2	4.3	54.1	5.8	61.0	6.7	61.2	6.7	61.4	6.7	61.5	6.8	61.7	6.8
50	23	35.2	1.0	45.1	1.4	52.6	1.6	60.0	1.9	67.4	2.2	72.4	2.4	79.8	2.7
	30	35.2	1.1	45.1	1.4	52.6	1.7	60.0	2.0	67.4	2.3	72.4	2.5	79.8	2.8
	40	35.2	1.1	45.1	1.4	52.6	1.7	60.0	2.0	67.4	2.3	72.4	2.5	79.8	2.9
	50	35.2	1.1	45.1	1.5	52.6	1.8	60.0	2.1	67.4	2.4	72.4	2.7	79.8	3.0
	54	35.2	1.2	45.1	1.5	52.6	1.8	60.0	2.2	67.4	2.5	72.4	2.7	79.8	3.1
	58	35.2	1.2	45.1	1.6	52.6	1.9	60.0	2.2	67.4	2.5	72.4	2.8	79.8	3.2
	62	35.2	1.2	45.1	1.6	52.6	1.9	60.0	2.3	67.4	2.6	72.4	2.9	79.8	3.3
	66	35.2	1.3	45.1	1.7	52.6	2.0	60.0	2.4	67.4	2.7	72.4	3.0	79.8	3.4
	70	35.2	1.3	45.1	1.8	52.6	2.1	60.0	2.5	67.4	2.9	72.4	3.1	79.8	3.5
	72	35.2	1.4	45.1	1.8	52.6	2.2	60.0	2.5	67.4	2.9	72.4	3.2	79.8	3.6
	75	35.2	1.4	45.1	1.9	52.6	2.3	60.0	2.6	67.4	3.0	72.4	3.3	79.8	3.8
	79	35.2	1.5	45.1	2.0	52.6	2.4	60.0	2.8	67.4	3.2	72.4	3.5	79.8	4.0
	83	35.2	1.6	45.1	2.1	52.6	2.5	60.0	3.0	67.4	3.4	72.4	3.7	79.8	4.2
	87	35.2	1.7	45.1	2.3	52.6	2.7	60.0	3.2	67.4	3.7	72.4	4.0	79.8	4.5
	91	35.2	1.9	45.1	2.4	52.6	2.9	60.0	3.4	67.4	3.9	72.4	4.3	79.8	4.9
	93	35.2	1.9	45.1	2.5	52.6	3.0	60.0	3.6	67.4	4.1	72.4	4.5	79.8	5.1
	95	35.2	2.0	45.1	2.6	52.6	3.2	60.0	3.7	67.4	4.3	72.4	4.7	79.8	5.3
	99	35.2	2.2	45.1	2.9	52.6	3.4	60.0	4.0	67.4	4.6	72.4	5.0	79.8	5.7
	103	35.2	2.4	45.1	3.1	52.6	3.7	60.0	4.3	67.4	5.0	72.4	5.5	79.8	6.2
	106	35.2	2.5	45.1	3.3	52.6	3.9	60.0	4.6	67.4	5.3	72.4	5.8	79.8	6.6
	110	35.2	2.7	45.1	3.6	52.6	4.3	60.0	5.0	67.4	5.8	72.4	6.4	79.8	7.2
	115	35.2	3.0	45.1	4.0	52.6	4.8	60.0	5.6	67.4	6.5	72.4	7.1	79.8	8.0
	118	35.2	3.3	45.1	4.3	52.6	5.1	60.0	6.0	67.4	6.9	72.4	7.6	74.9	7.9
	122	35.2	3.6	45.1	4.7	52.6	5.6	59.7	6.5	59.9	6.5	60.0	6.6	60.2	6.6

Tc: Total Capacity PI: Power Input

Table 90 - 38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	104.8	3.1	134.3	4.3	156.4	5.3	178.6	6.4	200.7	7.5	215.5	8.3	237.6	9.6
	30	104.8	3.1	134.3	4.3	156.4	5.3	178.6	6.4	200.7	7.6	215.5	8.4	237.6	9.7
	40	104.8	3.2	134.3	4.4	156.4	5.5	178.6	6.6	200.7	7.8	215.5	8.6	237.6	9.9
	50	104.8	3.3	134.3	4.7	156.4	5.8	178.6	6.9	200.7	8.2	215.5	9.0	237.6	10.4
	54	104.8	3.4	134.3	4.8	156.4	5.9	178.6	7.1	200.7	8.4	215.5	9.3	237.6	10.7
	58	104.8	3.5	134.3	5.0	156.4	6.1	178.6	7.4	200.7	8.7	215.5	9.6	237.6	11.1
	62	104.8	3.7	134.3	5.1	156.4	6.3	178.6	7.6	200.7	9.0	215.5	10.0	237.6	11.5
	66	104.8	3.8	134.3	5.4	156.4	6.6	178.6	8.0	200.7	9.4	215.5	10.4	237.6	12.0
	70	104.8	4.0	134.3	5.7	156.4	7.0	178.6	8.4	200.7	9.9	215.5	11.0	237.6	12.6
	72	104.8	4.1	134.3	5.8	156.4	7.2	178.6	8.6	200.7	10.2	215.5	11.3	237.6	13.0
	75	104.8	4.3	134.3	6.1	156.4	7.5	178.6	9.0	200.7	10.6	215.5	11.7	237.6	13.5
	79	104.8	4.6	134.3	6.4	156.4	7.9	178.6	9.6	200.7	11.3	215.5	12.5	237.6	14.4
	83	104.8	4.9	134.3	6.9	156.4	8.5	178.6	10.2	200.7	12.0	215.5	13.3	237.6	15.4
	87	104.8	5.3	134.3	7.4	156.4	9.1	178.6	10.9	200.7	12.9	215.5	14.3	237.6	16.5
	91	104.8	5.7	134.3	7.9	156.4	9.8	178.6	11.8	200.7	13.9	215.5	15.4	237.6	17.7
	93	104.8	5.9	134.3	8.2	156.4	10.2	178.6	12.2	200.7	14.4	215.5	16.0	237.6	18.4
	95	104.8	6.1	134.3	8.6	156.4	10.6	178.6	12.7	200.7	15.0	215.5	16.6	237.6	19.1
	99	104.8	6.6	134.3	9.3	156.4	11.4	178.6	13.7	200.7	16.2	215.5	17.9	237.6	20.7
	103	104.8	7.2	134.3	10.0	156.4	12.4	178.6	14.9	200.7	17.6	215.5	19.4	237.6	22.4
	106	104.8	7.6	134.3	10.7	156.4	13.1	178.6	15.8	200.7	18.7	215.4	20.7	216.1	20.7
	110	104.8	8.3	134.3	11.6	156.4	14.3	178.6	17.2	199.1	20.0	199.5	20.1	200.1	20.2
	115	104.8	9.2	134.3	12.8	156.4	15.8	170.2	17.8	170.7	17.9	171.1	17.9	171.6	18.0
	118	104.8	9.7	134.3	13.6	146.8	15.4	147.3	15.5	147.7	15.6	148.0	15.6	148.5	15.7
	122	104.8	10.6	107.4	10.9	107.7	11.0	108.0	11.0	108.3	11.1	108.6	11.1	108.9	11.2
140	23	102.8	3.0	131.7	4.2	153.4	5.1	175.1	6.2	196.8	7.3	211.3	8.1	233.0	9.3
	30	102.8	3.0	131.7	4.2	153.4	5.2	175.1	6.3	196.8	7.4	211.3	8.2	233.0	9.4
	40	102.8	3.1	131.7	4.3	153.4	5.3	175.1	6.4	196.8	7.6	211.3	8.4	233.0	9.7
	50	102.8	3.2	131.7	4.5	153.4	5.6	175.1	6.7	196.8	7.9	211.3	8.8	233.0	10.1
	54	102.8	3.3	131.7	4.7	153.4	5.8	175.1	6.9	196.8	8.2	211.3	9.0	233.0	10.4
	58	102.8	3.4	131.7	4.8	153.4	5.9	175.1	7.2	196.8	8.4	211.3	9.3	233.0	10.8
	62	102.8	3.6	131.7	5.0	153.4	6.2	175.1	7.4	196.8	8.8	211.3	9.7	233.0	11.2
	66	102.8	3.7	131.7	5.2	153.4	6.5	175.1	7.8	196.8	9.2	211.3	10.1	233.0	11.7
	70	102.8	3.9	131.7	5.5	153.4	6.8	175.1	8.2	196.8	9.6	211.3	10.7	233.0	12.3
	72	102.8	4.0	131.7	5.7	153.4	7.0	175.1	8.4	196.8	9.9	211.3	10.9	233.0	12.6
	75	102.8	4.2	131.7	5.9	153.4	7.3	175.1	8.8	196.8	10.3	211.3	11.4	233.0	13.2
	79	102.8	4.5	131.7	6.3	153.4	7.7	175.1	9.3	196.8	11.0	211.3	12.1	233.0	14.0
	83	102.8	4.8	131.7	6.7	153.4	8.3	175.1	9.9	196.8	11.7	211.3	13.0	233.0	14.9
	87	102.8	5.1	131.7	7.2	153.4	8.9	175.1	10.7	196.8	12.6	211.3	13.9	233.0	16.0
	91	102.8	5.5	131.7	7.7	153.4	9.5	175.1	11.5	196.8	13.5	211.3	15.0	233.0	17.2
	93	102.8	5.7	131.7	8.0	153.4	9.9	175.1	11.9	196.8	14.0	211.3	15.5	233.0	17.9
	95	102.8	6.0	131.7	8.3	153.4	10.3	175.1	12.4	196.8	14.6	211.3	16.1	233.0	18.6
	99	102.8	6.4	131.7	9.0	153.4	11.1	175.1	13.4	196.8	15.8	211.3	17.5	233.0	20.1
	103	102.8	7.0	131.7	9.8	153.4	12.0	175.1	14.5	196.8	17.1	211.3	18.9	233.0	21.8
	106	102.8	7.4	131.7	10.4	153.4	12.8	175.1	15.4	196.8	18.2	211.1	20.1	211.8	20.2
	110	102.8	8.0	131.7	11.3	153.4	13.9	175.1	16.7	195.2	19.5	195.6	19.5	196.2	19.6
	115	102.8	8.9	131.7	12.5	153.4	15.4	166.8	17.3	167.3	17.4	167.7	17.4	168.2	17.5
	118	102.8	9.5	131.7	13.3	143.9	15.0	144.4	15.1	144.8	15.1	145.1	15.2	145.5	15.2
	122	102.8	10.3	105.2	10.7	105.5	10.7	105.9	10.7	106.2	10.8	106.4	10.8	106.7	10.9
130	23	100.7	2.9	129.1	4.1	150.4	5.0	171.7	6.0	193.0	7.1	207.2	7.8	228.4	9.0
	30	100.7	2.9	129.1	4.1	150.4	5.1	171.7	6.1	193.0	7.2	207.2	7.9	228.4	9.1
	40	100.7	3.0	129.1	4.2	150.4	5.2	171.7	6.2	193.0	7.4	207.2	8.2	228.4	9.4
	50	100.7	3.2	129.1	4.4	150.4	5.5	171.7	6.6	193.0	7.7	207.2	8.5	228.4	9.8
	54	100.7	3.2	129.1	4.5	150.4	5.6	171.7	6.7	193.0	7.9	207.2	8.8	228.4	10.1
	58	100.7	3.4	129.1	4.7	150.4	5.8	171.7	7.0	193.0	8.2	207.2	9.1	228.4	10.5
	62	100.7	3.5	129.1	4.9	150.4	6.0	171.7	7.2	193.0	8.5	207.2	9.4	228.4	10.9
	66	100.7	3.6	129.1	5.1	150.4	6.3	171.7	7.6	193.0	8.9	207.2	9.9	228.4	11.3
	70	100.7	3.8	129.1	5.4	150.4	6.6	171.7	7.9	193.0	9.4	207.2	10.4	228.4	11.9
	72	100.7	3.9	129.1	5.5	150.4	6.8	171.7	8.2	193.0	9.6	207.2	10.6	228.4	12.3
	75	100.7	4.1	129.1	5.7	150.4	7.1	171.7	8.5	193.0	10.0	207.2	11.1	228.4	12.8
	79	100.7	4.4	129.1	6.1	150.4	7.5	171.7	9.0	193.0	10.7	207.2	11.8	228.4	13.6
	83	100.7	4.7	129.1	6.5	150.4	8.0	171.7	9.7	193.0	11.4	207.2	12.6	228.4	14.5
	87	100.7	5.0	129.1	7.0	150.4	8.6	171.7	10.4	193.0	12.2	207.2	13.5	228.4	15.6
	91	100.7	5.4	129.1	7.5	150.4	9.3	171.7	11.1	193.0	13.1	207.2	14.5	228.4	16.7
	93	100.7	5.6	129.1	7.8	150.4	9.6	171.7	11.6	193.0	13.6	207.2	15.1	228.4	17.4
	95	100.7	5.8	129.1	8.1	150.4	10.0	171.7	12.0	193.0	14.2	207.2	15.7	228.4	18.1
	99	100.7	6.3	129.1	8.8	150.4	10.8	171.7	13.0	193.0	15.3	207.2	17.0	228.4	19.5
	103	100.7	6.8	129.1	9.5	150.4	11.7	171.7	14.1	193.0	16.6	207.2	18.4	228.4	21.2
	106	100.7	7.2	129.1	10.1	150.4	12.5	171.7	15.0	193.0	17.7	206.9	19.5	207.5	19.6
	110	100.7	7.8	129.1	11.0	150.4	13.5	171.7	16.2	191.2	18.9	191.6	19.0	192.2	19.0
	115	100.7	8.7	129.1	12.2	150.4	15.0	163.4	16.8	163.9	16.9	164.3	16.9	164.7	17.0
	118	100.7	9.2	129.1	12.9	141.0	14.6	141.4	14.7	141.9	14.7	142.1	14.8	142.6	14.8
	122	100.7	10.0	103.1	10.4	103.4	10.4	103.7	10.4	104.0	10.5	104.2	10.5	104.6	10.6

Tc: Total Capacity PI: Power Input

Table 91 - 38VMA144RDL5-1(RDL6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	98.7	2.8	126.5	3.9	147.4	4.9	168.2	5.8	189.1	6.9	203.0	7.6	223.9	8.8
	30	98.7	2.9	126.5	4.0	147.4	4.9	168.2	5.9	189.1	7.0	203.0	7.7	223.9	8.9
	40	98.7	2.9	126.5	4.1	147.4	5.1	168.2	6.1	189.1	7.2	203.0	7.9	223.9	9.1
	50	98.7	3.1	126.5	4.3	147.4	5.3	168.2	6.4	189.1	7.5	203.0	8.3	223.9	9.6
	54	98.7	3.2	126.5	4.4	147.4	5.4	168.2	6.5	189.1	7.7	203.0	8.5	223.9	9.8
	58	98.7	3.3	126.5	4.6	147.4	5.6	168.2	6.8	189.1	8.0	203.0	8.8	223.9	10.2
	62	98.7	3.4	126.5	4.7	147.4	5.8	168.2	7.0	189.1	8.3	203.0	9.2	223.9	10.5
	66	98.7	3.5	126.5	5.0	147.4	6.1	168.2	7.3	189.1	8.7	203.0	9.6	223.9	11.0
	70	98.7	3.7	126.5	5.2	147.4	6.4	168.2	7.7	189.1	9.1	203.0	10.1	223.9	11.6
	72	98.7	3.8	126.5	5.4	147.4	6.6	168.2	7.9	189.1	9.3	203.0	10.3	223.9	11.9
	75	98.7	4.0	126.5	5.6	147.4	6.9	168.2	8.3	189.1	9.8	203.0	10.8	223.9	12.4
	79	98.7	4.2	126.5	5.9	147.4	7.3	168.2	8.8	189.1	10.4	203.0	11.5	223.9	13.2
	83	98.7	4.5	126.5	6.3	147.4	7.8	168.2	9.4	189.1	11.1	203.0	12.2	223.9	14.1
	87	98.7	4.9	126.5	6.8	147.4	8.4	168.2	10.1	189.1	11.9	203.0	13.1	223.9	15.1
	91	98.7	5.2	126.5	7.3	147.4	9.0	168.2	10.8	189.1	12.8	203.0	14.1	223.9	16.3
	93	98.7	5.4	126.5	7.6	147.4	9.4	168.2	11.2	189.1	13.3	203.0	14.7	223.9	16.9
	95	98.7	5.6	126.5	7.9	147.4	9.7	168.2	11.7	189.1	13.8	203.0	15.2	223.9	17.5
	99	98.7	6.1	126.5	8.5	147.4	10.5	168.2	12.6	189.1	14.9	203.0	16.5	223.9	19.0
	103	98.7	6.6	126.5	9.2	147.4	11.4	168.2	13.7	189.1	16.1	203.0	17.9	223.9	20.5
	106	98.7	7.0	126.5	9.8	147.4	12.1	168.2	14.5	189.1	17.2	202.6	18.9	203.2	19.0
	110	98.7	7.6	126.5	10.7	147.4	13.1	168.2	15.8	187.3	18.4	187.6	18.4	188.2	18.5
	115	98.7	8.5	126.5	11.8	147.4	14.6	160.0	16.3	160.5	16.4	160.9	16.4	161.3	16.5
	118	98.7	9.0	126.5	12.6	138.1	14.2	138.5	14.2	138.9	14.3	139.2	14.3	139.6	14.4
	122	98.7	9.8	101.0	10.1	101.3	10.1	101.6	10.2	101.9	10.2	102.1	10.2	102.4	10.3
110	23	92.9	2.6	119.1	3.6	138.8	4.5	158.4	5.4	178.0	6.3	191.1	7.0	210.8	8.0
	30	92.9	2.6	119.1	3.7	138.8	4.5	158.4	5.4	178.0	6.4	191.1	7.1	210.8	8.1
	40	92.9	2.7	119.1	3.8	138.8	4.7	158.4	5.6	178.0	6.6	191.1	7.3	210.8	8.4
	50	92.9	2.8	119.1	4.0	138.8	4.9	158.4	5.9	178.0	6.9	191.1	7.6	210.8	8.8
	54	92.9	2.9	119.1	4.1	138.8	5.0	158.4	6.0	178.0	7.1	191.1	7.8	210.8	9.0
	58	92.9	3.0	119.1	4.2	138.8	5.2	158.4	6.2	178.0	7.3	191.1	8.1	210.8	9.3
	62	92.9	3.1	119.1	4.4	138.8	5.4	158.4	6.5	178.0	7.6	191.1	8.4	210.8	9.7
	66	92.9	3.3	119.1	4.6	138.8	5.6	158.4	6.8	178.0	7.9	191.1	8.8	210.8	10.1
	70	92.9	3.4	119.1	4.8	138.8	5.9	158.4	7.1	178.0	8.4	191.1	9.2	210.8	10.6
	72	92.9	3.5	119.1	4.9	138.8	6.1	158.4	7.3	178.0	8.6	191.1	9.5	210.8	10.9
	75	92.9	3.7	119.1	5.1	138.8	6.3	158.4	7.6	178.0	9.0	191.1	9.9	210.8	11.4
	79	92.9	3.9	119.1	5.5	138.8	6.7	158.4	8.1	178.0	9.5	191.1	10.5	210.8	12.1
	83	92.9	4.2	119.1	5.8	138.8	7.2	158.4	8.6	178.0	10.2	191.1	11.2	210.8	12.9
	87	92.9	4.5	119.1	6.3	138.8	7.7	158.4	9.3	178.0	10.9	191.1	12.1	210.8	13.9
	91	92.9	4.8	119.1	6.7	138.8	8.3	158.4	10.0	178.0	11.7	191.1	13.0	210.8	14.9
	93	92.9	5.0	119.1	7.0	138.8	8.6	158.4	10.3	178.0	12.2	191.1	13.5	210.8	15.5
	95	92.9	5.2	119.1	7.3	138.8	9.0	158.4	10.7	178.0	12.7	191.1	14.0	210.8	16.1
	99	92.9	5.6	119.1	7.9	138.8	9.7	158.4	11.6	178.0	13.7	191.1	15.1	210.8	17.4
	103	92.9	6.1	119.1	8.5	138.8	10.5	158.4	12.6	178.0	14.8	191.1	16.4	210.8	18.8
	106	92.9	6.5	119.1	9.1	138.8	11.1	158.4	13.4	178.0	15.8	191.1	17.4	198.9	18.4
	110	92.9	7.0	119.1	9.8	138.8	12.1	158.4	14.5	178.0	17.1	183.7	17.9	184.2	17.9
	115	92.9	7.8	119.1	10.9	138.8	13.4	156.7	15.9	157.1	15.9	157.4	16.0	157.9	16.0
	118	92.9	8.3	119.1	11.6	135.2	13.8	135.6	13.8	136.0	13.9	136.2	13.9	136.7	14.0
	122	92.9	9.0	98.8	9.8	99.1	9.8	99.4	9.9	99.7	9.9	99.9	9.9	100.2	10.0
100	23	84.5	2.3	108.3	3.2	126.2	3.9	144.0	4.7	161.9	5.5	173.8	6.1	191.6	7.0
	30	84.5	2.3	108.3	3.2	126.2	4.0	144.0	4.8	161.9	5.6	173.8	6.2	191.6	7.1
	40	84.5	2.4	108.3	3.3	126.2	4.1	144.0	4.9	161.9	5.8	173.8	6.4	191.6	7.3
	50	84.5	2.5	108.3	3.5	126.2	4.3	144.0	5.1	161.9	6.0	173.8	6.7	191.6	7.6
	54	84.5	2.6	108.3	3.6	126.2	4.4	144.0	5.3	161.9	6.2	173.8	6.8	191.6	7.9
	58	84.5	2.7	108.3	3.7	126.2	4.5	144.0	5.5	161.9	6.4	173.8	7.1	191.6	8.1
	62	84.5	2.8	108.3	3.8	126.2	4.7	144.0	5.7	161.9	6.7	173.8	7.4	191.6	8.4
	66	84.5	2.9	108.3	4.0	126.2	4.9	144.0	5.9	161.9	7.0	173.8	7.7	191.6	8.8
	70	84.5	3.0	108.3	4.2	126.2	5.2	144.0	6.2	161.9	7.3	173.8	8.1	191.6	9.3
	72	84.5	3.1	108.3	4.3	126.2	5.3	144.0	6.4	161.9	7.5	173.8	8.3	191.6	9.5
	75	84.5	3.2	108.3	4.5	126.2	5.6	144.0	6.7	161.9	7.8	173.8	8.7	191.6	9.9
	79	84.5	3.4	108.3	4.8	126.2	5.9	144.0	7.1	161.9	8.3	173.8	9.2	191.6	10.6
	83	84.5	3.7	108.3	5.1	126.2	6.3	144.0	7.6	161.9	8.9	173.8	9.8	191.6	11.3
	87	84.5	3.9	108.3	5.5	126.2	6.8	144.0	8.1	161.9	9.5	173.8	10.5	191.6	12.1
	91	84.5	4.2	108.3	5.9	126.2	7.3	144.0	8.7	161.9	10.3	173.8	11.3	191.6	13.0
	93	84.5	4.4	108.3	6.2	126.2	7.6	144.0	9.1	161.9	10.7	173.8	11.8	191.6	13.5
	95	84.5	4.6	108.3	6.4	126.2	7.9	144.0	9.4	161.9	11.1	173.8	12.2	191.6	14.0
	99	84.5	5.0	108.3	6.9	126.2	8.5	144.0	10.2	161.9	12.0	173.8	13.2	191.6	15.2
	103	84.5	5.4	108.3	7.5	126.2	9.2	144.0	11.0	161.9	13.0	173.8	14.3	191.6	16.4
	106	84.5	5.7	108.3	8.0	126.2	9.8	144.0	11.7	161.9	13.8	173.8	15.2	191.6	17.5
	110	84.5	6.2	108.3	8.6	126.2	10.6	144.0	12.7	161.9	15.0	173.8	16.5	180.2	17.4
	115	84.5	6.9	108.3	9.6	126.2	11.8	144.0	14.1	153.7	15.4	154.0	15.5	154.5	15.6
	118	84.5	7.3	108.3	10.2	126.2	12.5	132.6	13.4	133.0	13.5	133.3	13.5	133.7	13.6
	122	84.5	7.9	96.7	9.5	97.0	9.5	97.3	9.6	97.6	9.6	97.8	9.6	98.1	9.7

Tc: Total Capacity PI: Power Input

Table 92 - 38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	76.0	2.0	97.5	2.8	113.5	3.4	129.6	4.1	145.7	4.8	156.4	5.3	172.4	6.1
	30	76.0	2.0	97.5	2.8	113.5	3.4	129.6	4.1	145.7	4.8	156.4	5.3	172.4	6.1
	40	76.0	2.1	97.5	2.9	113.5	3.5	129.6	4.2	145.7	5.0	156.4	5.5	172.4	6.3
	50	76.0	2.2	97.5	3.0	113.5	3.7	129.6	4.4	145.7	5.2	156.4	5.8	172.4	6.6
	54	76.0	2.2	97.5	3.1	113.5	3.8	129.6	4.6	145.7	5.4	156.4	5.9	172.4	6.8
	58	76.0	2.3	97.5	3.2	113.5	3.9	129.6	4.7	145.7	5.5	156.4	6.1	172.4	7.0
	62	76.0	2.4	97.5	3.3	113.5	4.1	129.6	4.9	145.7	5.8	156.4	6.3	172.4	7.3
	66	76.0	2.5	97.5	3.5	113.5	4.3	129.6	5.1	145.7	6.0	156.4	6.6	172.4	7.6
	70	76.0	2.6	97.5	3.7	113.5	4.5	129.6	5.4	145.7	6.3	156.4	7.0	172.4	8.0
	72	76.0	2.7	97.5	3.8	113.5	4.6	129.6	5.5	145.7	6.5	156.4	7.2	172.4	8.2
	75	76.0	2.8	97.5	3.9	113.5	4.8	129.6	5.8	145.7	6.8	156.4	7.5	172.4	8.6
	79	76.0	3.0	97.5	4.2	113.5	5.1	129.6	6.1	145.7	7.2	156.4	7.9	172.4	9.1
	83	76.0	3.2	97.5	4.5	113.5	5.5	129.6	6.6	145.7	7.7	156.4	8.5	172.4	9.7
	87	76.0	3.4	97.5	4.8	113.5	5.9	129.6	7.0	145.7	8.2	156.4	9.1	172.4	10.4
	91	76.0	3.7	97.5	5.1	113.5	6.3	129.6	7.6	145.7	8.9	156.4	9.8	172.4	11.2
	93	76.0	3.8	97.5	5.3	113.5	6.6	129.6	7.8	145.7	9.2	156.4	10.2	172.4	11.6
	95	76.0	4.0	97.5	5.5	113.5	6.8	129.6	8.2	145.7	9.6	156.4	10.6	172.4	12.1
	99	76.0	4.3	97.5	6.0	113.5	7.4	129.6	8.8	145.7	10.3	156.4	11.4	172.4	13.1
	103	76.0	4.7	97.5	6.5	113.5	8.0	129.6	9.6	145.7	11.2	156.4	12.4	172.4	14.2
	106	76.0	5.0	97.5	6.9	113.5	8.5	129.6	10.1	145.7	11.9	156.4	13.1	172.4	15.1
	110	76.0	5.4	97.5	7.5	113.5	9.2	129.6	11.0	145.7	12.9	156.4	14.3	172.4	16.3
	115	76.0	6.0	97.5	8.3	113.5	10.2	129.6	12.2	145.7	14.3	150.6	15.0	151.1	15.1
	118	76.0	6.3	97.5	8.8	113.5	10.9	129.6	13.0	130.1	13.1	130.4	13.1	130.8	13.2
	122	76.0	6.9	94.5	9.2	94.8	9.3	95.1	9.3	95.4	9.3	95.6	9.4	95.9	9.4
80	23	67.6	1.7	86.6	2.4	100.9	2.9	115.2	3.5	129.5	4.1	139.0	4.5	153.3	5.1
	30	67.6	1.7	86.6	2.4	100.9	2.9	115.2	3.5	129.5	4.1	139.0	4.5	153.3	5.2
	40	67.6	1.8	86.6	2.5	100.9	3.0	115.2	3.6	129.5	4.2	139.0	4.7	153.3	5.3
	50	67.6	1.9	86.6	2.6	100.9	3.2	115.2	3.8	129.5	4.4	139.0	4.9	153.3	5.6
	54	67.6	1.9	86.6	2.7	100.9	3.3	115.2	3.9	129.5	4.6	139.0	5.0	153.3	5.8
	58	67.6	2.0	86.6	2.7	100.9	3.4	115.2	4.0	129.5	4.7	139.0	5.2	153.3	5.9
	62	67.6	2.0	86.6	2.8	100.9	3.5	115.2	4.2	129.5	4.9	139.0	5.4	153.3	6.2
	66	67.6	2.1	86.6	3.0	100.9	3.7	115.2	4.4	129.5	5.1	139.0	5.6	153.3	6.5
	70	67.6	2.2	86.6	3.1	100.9	3.8	115.2	4.6	129.5	5.4	139.0	5.9	153.3	6.8
	72	67.6	2.3	86.6	3.2	100.9	3.9	115.2	4.7	129.5	5.5	139.0	6.1	153.3	7.0
	75	67.6	2.4	86.6	3.4	100.9	4.1	115.2	4.9	129.5	5.8	139.0	6.4	153.3	7.3
	79	67.6	2.6	86.6	3.6	100.9	4.4	115.2	5.2	129.5	6.1	139.0	6.8	153.3	7.7
	83	67.6	2.7	86.6	3.8	100.9	4.7	115.2	5.6	129.5	6.5	139.0	7.2	153.3	8.3
	87	67.6	2.9	86.6	4.1	100.9	5.0	115.2	6.0	129.5	7.0	139.0	7.7	153.3	8.8
	91	67.6	3.1	86.6	4.4	100.9	5.4	115.2	6.4	129.5	7.5	139.0	8.3	153.3	9.5
	93	67.6	3.3	86.6	4.6	100.9	5.6	115.2	6.7	129.5	7.8	139.0	8.6	153.3	9.9
	95	67.6	3.4	86.6	4.7	100.9	5.8	115.2	6.9	129.5	8.1	139.0	9.0	153.3	10.3
	99	67.6	3.7	86.6	5.1	100.9	6.3	115.2	7.5	129.5	8.8	139.0	9.7	153.3	11.1
	103	67.6	4.0	86.6	5.5	100.9	6.8	115.2	8.1	129.5	9.5	139.0	10.5	153.3	12.0
	106	67.6	4.2	86.6	5.9	100.9	7.2	115.2	8.6	129.5	10.1	139.0	11.2	153.3	12.8
	110	67.6	4.6	86.6	6.4	100.9	7.9	115.2	9.4	129.5	11.0	139.0	12.1	153.3	13.9
	115	67.6	5.1	86.6	7.1	100.9	8.7	115.2	10.4	129.5	12.2	139.0	13.4	147.7	14.6
	118	67.6	5.4	86.6	7.6	100.9	9.3	115.2	11.1	127.2	12.7	127.4	12.7	127.8	12.8
	122	67.6	5.9	86.6	8.2	92.7	9.0	93.0	9.0	93.3	9.1	93.4	9.1	93.7	9.1
70	23	59.1	1.4	75.8	2.0	88.3	2.4	100.8	2.9	113.3	3.4	121.6	3.7	134.1	4.3
	30	59.1	1.4	75.8	2.0	88.3	2.5	100.8	2.9	113.3	3.4	121.6	3.8	134.1	4.3
	40	59.1	1.5	75.8	2.1	88.3	2.5	100.8	3.0	113.3	3.5	121.6	3.9	134.1	4.4
	50	59.1	1.5	75.8	2.2	88.3	2.6	100.8	3.2	113.3	3.7	121.6	4.1	134.1	4.7
	54	59.1	1.6	75.8	2.2	88.3	2.7	100.8	3.3	113.3	3.8	121.6	4.2	134.1	4.8
	58	59.1	1.6	75.8	2.3	88.3	2.8	100.8	3.4	113.3	3.9	121.6	4.3	134.1	4.9
	62	59.1	1.7	75.8	2.4	88.3	2.9	100.8	3.5	113.3	4.1	121.6	4.5	134.1	5.1
	66	59.1	1.8	75.8	2.5	88.3	3.1	100.8	3.6	113.3	4.3	121.6	4.7	134.1	5.4
	70	59.1	1.9	75.8	2.6	88.3	3.2	100.8	3.8	113.3	4.5	121.6	4.9	134.1	5.6
	72	59.1	1.9	75.8	2.7	88.3	3.3	100.8	3.9	113.3	4.6	121.6	5.1	134.1	5.8
	75	59.1	2.0	75.8	2.8	88.3	3.4	100.8	4.1	113.3	4.8	121.6	5.3	134.1	6.0
	79	59.1	2.1	75.8	3.0	88.3	3.7	100.8	4.4	113.3	5.1	121.6	5.6	134.1	6.4
	83	59.1	2.3	75.8	3.2	88.3	3.9	100.8	4.7	113.3	5.5	121.6	6.0	134.1	6.9
	87	59.1	2.4	75.8	3.4	88.3	4.2	100.8	5.0	113.3	5.9	121.6	6.4	134.1	7.4
	91	59.1	2.6	75.8	3.7	88.3	4.5	100.8	5.4	113.3	6.3	121.6	6.9	134.1	7.9
	93	59.1	2.7	75.8	3.8	88.3	4.7	100.8	5.6	113.3	6.5	121.6	7.2	134.1	8.2
	95	59.1	2.8	75.8	4.0	88.3	4.9	100.8	5.8	113.3	6.8	121.6	7.5	134.1	8.5
	99	59.1	3.1	75.8	4.3	88.3	5.3	100.8	6.3	113.3	7.3	121.6	8.1	134.1	9.2
	103	59.1	3.3	75.8	4.6	88.3	5.7	100.8	6.8	113.3	8.0	121.6	8.8	134.1	10.0
	106	59.1	3.5	75.8	4.9	88.3	6.0	100.8	7.2	113.3	8.5	121.6	9.3	134.1	10.6
	110	59.1	3.8	75.8	5.4	88.3	6.6	100.8	7.8	113.3	9.2	121.6	10.1	134.1	11.5
	115	59.1	4.2	75.8	5.9	88.3	7.3	100.8	8.7	113.3	10.2	121.6	11.2	134.1	12.8
	118	59.1	4.5	75.8	6.3	88.3	7.7	100.8	9.3	113.3	10.8	121.6	11.9	124.8	12.4
	122	59.1	4.9	75.8	6.9	88.3	8.4	90.8	8.7	91.1	8.8	91.3	8.8	91.6	8.8

Tc: Total Capacity PI: Power Input

Table 93 - 38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	50.7	1.1	65.0	1.6	75.7	2.0	86.4	2.4	97.1	2.8	104.3	3.0	115.0	3.5
	30	50.7	1.2	65.0	1.6	75.7	2.0	86.4	2.4	97.1	2.8	104.3	3.1	115.0	3.5
	40	50.7	1.2	65.0	1.7	75.7	2.1	86.4	2.5	97.1	2.9	104.3	3.2	115.0	3.6
	50	50.7	1.3	65.0	1.8	75.7	2.2	86.4	2.6	97.1	3.0	104.3	3.3	115.0	3.8
	54	50.7	1.3	65.0	1.8	75.7	2.2	86.4	2.6	97.1	3.1	104.3	3.4	115.0	3.9
	58	50.7	1.3	65.0	1.9	75.7	2.3	86.4	2.7	97.1	3.2	104.3	3.5	115.0	4.0
	62	50.7	1.4	65.0	1.9	75.7	2.4	86.4	2.8	97.1	3.3	104.3	3.7	115.0	4.2
	66	50.7	1.4	65.0	2.0	75.7	2.5	86.4	3.0	97.1	3.5	104.3	3.8	115.0	4.4
	70	50.7	1.5	65.0	2.1	75.7	2.6	86.4	3.1	97.1	3.6	104.3	4.0	115.0	4.6
	72	50.7	1.6	65.0	2.2	75.7	2.7	86.4	3.2	97.1	3.7	104.3	4.1	115.0	4.7
	75	50.7	1.6	65.0	2.3	75.7	2.8	86.4	3.3	97.1	3.9	104.3	4.3	115.0	4.9
	79	50.7	1.7	65.0	2.4	75.7	3.0	86.4	3.6	97.1	4.2	104.3	4.6	115.0	5.2
	83	50.7	1.8	65.0	2.6	75.7	3.2	86.4	3.8	97.1	4.4	104.3	4.9	115.0	5.6
	87	50.7	2.0	65.0	2.8	75.7	3.4	86.4	4.1	97.1	4.8	104.3	5.2	115.0	6.0
	91	50.7	2.1	65.0	3.0	75.7	3.7	86.4	4.4	97.1	5.1	104.3	5.6	115.0	6.4
	93	50.7	2.2	65.0	3.1	75.7	3.8	86.4	4.5	97.1	5.3	104.3	5.8	115.0	6.7
	95	50.7	2.3	65.0	3.2	75.7	4.0	86.4	4.7	97.1	5.5	104.3	6.1	115.0	6.9
	99	50.7	2.5	65.0	3.5	75.7	4.3	86.4	5.1	97.1	6.0	104.3	6.6	115.0	7.5
	103	50.7	2.7	65.0	3.8	75.7	4.6	86.4	5.5	97.1	6.5	104.3	7.1	115.0	8.1
	106	50.7	2.9	65.0	4.0	75.7	4.9	86.4	5.9	97.1	6.9	104.3	7.6	115.0	8.6
	110	50.7	3.1	65.0	4.4	75.7	5.3	86.4	6.4	97.1	7.5	104.3	8.2	115.0	9.4
	115	50.7	3.4	65.0	4.8	75.7	5.9	86.4	7.1	97.1	8.3	104.3	9.1	115.0	10.4
	118	50.7	3.7	65.0	5.1	75.7	6.3	86.4	7.5	97.1	8.8	104.3	9.7	115.0	11.0
	122	50.7	4.0	65.0	5.6	75.7	6.8	86.4	8.2	88.9	8.5	89.1	8.5	89.4	8.6
50	23	42.2	0.9	54.1	1.3	63.1	1.5	72.0	1.8	80.9	2.2	86.9	2.4	95.8	2.7
	30	42.2	0.9	54.1	1.3	63.1	1.6	72.0	1.9	80.9	2.2	86.9	2.4	95.8	2.7
	40	42.2	0.9	54.1	1.3	63.1	1.6	72.0	1.9	80.9	2.2	86.9	2.5	95.8	2.8
	50	42.2	1.0	54.1	1.4	63.1	1.7	72.0	2.0	80.9	2.4	86.9	2.6	95.8	3.0
	54	42.2	1.0	54.1	1.4	63.1	1.7	72.0	2.1	80.9	2.4	86.9	2.7	95.8	3.0
	58	42.2	1.0	54.1	1.5	63.1	1.8	72.0	2.1	80.9	2.5	86.9	2.8	95.8	3.1
	62	42.2	1.1	54.1	1.5	63.1	1.9	72.0	2.2	80.9	2.6	86.9	2.9	95.8	3.3
	66	42.2	1.1	54.1	1.6	63.1	1.9	72.0	2.3	80.9	2.7	86.9	3.0	95.8	3.4
	70	42.2	1.2	54.1	1.7	63.1	2.0	72.0	2.4	80.9	2.9	86.9	3.1	95.8	3.6
	72	42.2	1.2	54.1	1.7	63.1	2.1	72.0	2.5	80.9	2.9	86.9	3.2	95.8	3.7
	75	42.2	1.3	54.1	1.8	63.1	2.2	72.0	2.6	80.9	3.1	86.9	3.4	95.8	3.8
	79	42.2	1.3	54.1	1.9	63.1	2.3	72.0	2.8	80.9	3.3	86.9	3.6	95.8	4.1
	83	42.2	1.4	54.1	2.0	63.1	2.5	72.0	3.0	80.9	3.5	86.9	3.8	95.8	4.4
	87	42.2	1.5	54.1	2.2	63.1	2.7	72.0	3.2	80.9	3.7	86.9	4.1	95.8	4.7
	91	42.2	1.6	54.1	2.3	63.1	2.9	72.0	3.4	80.9	4.0	86.9	4.4	95.8	5.0
	93	42.2	1.7	54.1	2.4	63.1	3.0	72.0	3.6	80.9	4.2	86.9	4.6	95.8	5.2
	95	42.2	1.8	54.1	2.5	63.1	3.1	72.0	3.7	80.9	4.3	86.9	4.8	95.8	5.4
	99	42.2	1.9	54.1	2.7	63.1	3.3	72.0	4.0	80.9	4.7	86.9	5.1	95.8	5.9
	103	42.2	2.1	54.1	2.9	63.1	3.6	72.0	4.3	80.9	5.1	86.9	5.6	95.8	6.3
	106	42.2	2.2	54.1	3.1	63.1	3.9	72.0	4.6	80.9	5.4	86.9	5.9	95.8	6.7
	110	42.2	2.4	54.1	3.4	63.1	4.2	72.0	5.0	80.9	5.8	86.9	6.4	95.8	7.3
	115	42.2	2.7	54.1	3.8	63.1	4.6	72.0	5.5	80.9	6.5	86.9	7.1	95.8	8.1
	118	42.2	2.8	54.1	4.0	63.1	4.9	72.0	5.9	80.9	6.9	86.9	7.6	95.8	8.6
	122	42.2	3.1	54.1	4.4	63.1	5.4	72.0	6.4	80.9	7.5	86.9	8.2	87.2	8.3

Tc: Total Capacity PI: Power Input

Table 94 - 38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	121.5	3.8	155.8	5.3	181.5	6.6	207.1	7.9	232.8	9.4	249.9	10.4	275.6	11.9
	30	121.5	3.9	155.8	5.4	181.5	6.7	207.1	8.0	232.8	9.5	249.9	10.5	275.6	12.1
	40	121.5	4.0	155.8	5.5	181.5	6.8	207.1	8.2	232.8	9.7	249.9	10.8	275.6	12.4
	50	121.5	4.2	155.8	5.8	181.5	7.2	207.1	8.6	232.8	10.2	249.9	11.3	275.6	13.0
	54	121.5	4.3	155.8	6.0	181.5	7.4	207.1	8.9	232.8	10.5	249.9	11.6	275.6	13.4
	58	121.5	4.4	155.8	6.2	181.5	7.6	207.1	9.2	232.8	10.8	249.9	12.0	275.6	13.8
	62	121.5	4.6	155.8	6.4	181.5	7.9	207.1	9.5	232.8	11.2	249.9	12.4	275.6	14.3
	66	121.5	4.8	155.8	6.7	181.5	8.3	207.1	10.0	232.8	11.7	249.9	13.0	275.6	15.0
	70	121.5	5.0	155.8	7.0	181.5	8.7	207.1	10.5	232.8	12.3	249.9	13.7	275.6	15.7
	72	121.5	5.2	155.8	7.2	181.5	8.9	207.1	10.7	232.8	12.7	249.9	14.0	275.6	16.2
	75	121.5	5.4	155.8	7.6	181.5	9.3	207.1	11.2	232.8	13.2	249.9	14.6	275.6	16.9
	79	121.5	5.7	155.8	8.0	181.5	9.9	207.1	11.9	232.8	14.1	249.9	15.6	275.6	17.9
	83	121.5	6.1	155.8	8.6	181.5	10.6	207.1	12.7	232.8	15.0	249.9	16.6	275.6	19.2
	87	121.5	6.6	155.8	9.2	181.5	11.3	207.1	13.6	232.8	16.1	249.9	17.8	275.6	20.5
	91	121.5	7.1	155.8	9.9	181.5	12.2	207.1	14.7	232.8	17.3	249.9	19.2	273.9	21.9
	93	121.5	7.3	155.8	10.3	181.5	12.7	207.1	15.2	232.8	18.0	249.9	19.9	270.1	22.3
	95	121.5	7.6	155.8	10.7	181.5	13.2	207.1	15.8	232.8	18.7	249.9	20.7	266.1	22.6
	99	121.5	8.2	155.8	11.5	181.5	14.2	207.1	17.1	232.8	20.2	249.9	22.4	256.7	23.3
	103	121.5	8.9	155.8	12.5	181.5	15.4	207.1	18.6	232.8	21.9	244.3	23.5	245.1	23.6
	106	121.5	9.5	155.8	13.3	181.5	16.4	207.1	19.7	215.0	20.8	215.4	20.8	216.1	20.9
	110	121.5	10.3	155.8	14.4	181.5	17.8	198.5	20.2	199.1	20.3	199.5	20.3	200.1	20.4
	115	121.5	11.4	155.8	16.0	169.7	18.0	170.2	18.1	170.7	18.1	171.1	18.2	171.6	18.3
	118	121.5	12.2	146.4	15.6	146.8	15.7	147.3	15.8	147.7	15.8	148.0	15.9	148.5	15.9
	122	106.9	11.1	107.4	11.2	107.7	11.2	108.0	11.3	108.3	11.3	108.6	11.4	108.9	11.4
140	23	119.3	3.7	152.9	5.2	178.2	6.4	203.4	7.7	228.6	9.1	245.4	10.1	270.6	11.6
	30	119.3	3.8	152.9	5.3	178.2	6.5	203.4	7.8	228.6	9.2	245.4	10.2	270.6	11.8
	40	119.3	3.9	152.9	5.4	178.2	6.7	203.4	8.0	228.6	9.5	245.4	10.5	270.6	12.1
	50	119.3	4.1	152.9	5.7	178.2	7.0	203.4	8.4	228.6	9.9	245.4	11.0	270.6	12.7
	54	119.3	4.2	152.9	5.8	178.2	7.2	203.4	8.6	228.6	10.2	245.4	11.3	270.6	13.0
	58	119.3	4.3	152.9	6.0	178.2	7.4	203.4	8.9	228.6	10.5	245.4	11.7	270.6	13.4
	62	119.3	4.5	152.9	6.3	178.2	7.7	203.4	9.3	228.6	10.9	245.4	12.1	270.6	14.0
	66	119.3	4.7	152.9	6.5	178.2	8.1	203.4	9.7	228.6	11.4	245.4	12.7	270.6	14.6
	70	119.3	4.9	152.9	6.9	178.2	8.5	203.4	10.2	228.6	12.0	245.4	13.3	270.6	15.3
	72	119.3	5.0	152.9	7.1	178.2	8.7	203.4	10.5	228.6	12.4	245.4	13.7	270.6	15.7
	75	119.3	5.3	152.9	7.4	178.2	9.1	203.4	10.9	228.6	12.9	245.4	14.3	270.6	16.4
	79	119.3	5.6	152.9	7.8	178.2	9.7	203.4	11.6	228.6	13.7	245.4	15.2	270.6	17.5
	83	119.3	6.0	152.9	8.4	178.2	10.3	203.4	12.4	228.6	14.6	245.4	16.2	270.6	18.7
	87	119.3	6.4	152.9	9.0	178.2	11.1	203.4	13.3	228.6	15.7	245.4	17.4	270.6	20.0
	91	119.3	6.9	152.9	9.6	178.2	11.9	203.4	14.3	228.6	16.9	245.4	18.7	268.5	21.3
	93	119.3	7.2	152.9	10.0	178.2	12.4	203.4	14.9	228.6	17.5	245.4	19.4	264.8	21.6
	95	119.3	7.4	152.9	10.4	178.2	12.8	203.4	15.4	228.6	18.2	245.4	20.2	260.8	22.0
	99	119.3	8.0	152.9	11.3	178.2	13.9	203.4	16.7	228.6	19.7	245.4	21.8	251.6	22.6
	103	119.3	8.7	152.9	12.2	178.2	15.0	203.4	18.1	228.6	21.3	239.5	22.8	240.2	22.9
	106	119.3	9.3	152.9	13.0	178.2	16.0	203.4	19.2	210.7	20.2	211.1	20.3	211.8	20.3
	110	119.3	10.1	152.9	14.1	178.2	17.4	194.6	19.6	195.2	19.7	195.6	19.8	196.2	19.8
	115	119.3	11.1	152.9	15.6	166.3	17.5	166.8	17.6	167.3	17.6	167.7	17.7	168.2	17.8
	118	119.3	11.9	143.5	15.2	143.9	15.3	144.4	15.3	144.8	15.4	145.1	15.4	145.5	15.5
	122	104.8	10.8	105.2	10.9	105.5	10.9	105.9	11.0	106.2	11.0	106.4	11.0	106.7	11.1
130	23	117.1	3.6	150.1	5.1	174.9	6.3	199.6	7.5	224.3	8.9	240.8	9.8	265.6	11.3
	30	117.1	3.7	150.1	5.1	174.9	6.3	199.6	7.6	224.3	9.0	240.8	9.9	265.6	11.4
	40	117.1	3.8	150.1	5.3	174.9	6.5	199.6	7.8	224.3	9.2	240.8	10.2	265.6	11.7
	50	117.1	4.0	150.1	5.5	174.9	6.8	199.6	8.2	224.3	9.7	240.8	10.7	265.6	12.3
	54	117.1	4.1	150.1	5.7	174.9	7.0	199.6	8.4	224.3	9.9	240.8	11.0	265.6	12.7
	58	117.1	4.2	150.1	5.9	174.9	7.2	199.6	8.7	224.3	10.3	240.8	11.4	265.6	13.1
	62	117.1	4.4	150.1	6.1	174.9	7.5	199.6	9.0	224.3	10.7	240.8	11.8	265.6	13.6
	66	117.1	4.6	150.1	6.4	174.9	7.9	199.6	9.4	224.3	11.1	240.8	12.3	265.6	14.2
	70	117.1	4.8	150.1	6.7	174.9	8.3	199.6	9.9	224.3	11.7	240.8	13.0	265.6	14.9
	72	117.1	4.9	150.1	6.9	174.9	8.5	199.6	10.2	224.3	12.0	240.8	13.3	265.6	15.3
	75	117.1	5.1	150.1	7.2	174.9	8.9	199.6	10.6	224.3	12.6	240.8	13.9	265.6	16.0
	79	117.1	5.5	150.1	7.6	174.9	9.4	199.6	11.3	224.3	13.3	240.8	14.8	265.6	17.0
	83	117.1	5.8	150.1	8.2	174.9	10.1	199.6	12.1	224.3	14.3	240.8	15.8	265.6	18.2
	87	117.1	6.3	150.1	8.7	174.9	10.8	199.6	13.0	224.3	15.3	240.8	16.9	265.6	19.5
	91	117.1	6.7	150.1	9.4	174.9	11.6	199.6	13.9	224.3	16.4	240.8	18.2	263.0	20.6
	93	117.1	7.0	150.1	9.8	174.9	12.0	199.6	14.5	224.3	17.1	240.8	18.9	259.4	21.0
	95	117.1	7.3	150.1	10.1	174.9	12.5	199.6	15.0	224.3	17.7	240.8	19.6	255.5	21.4
	99	117.1	7.8	150.1	11.0	174.9	13.5	199.6	16.3	224.3	19.2	240.8	21.2	246.5	21.9
	103	117.1	8.5	150.1	11.9	174.9	14.7	199.6	17.6	224.3	20.8	234.6	22.1	235.3	22.2
	106	117.1	9.0	150.1	12.6	174.9	15.6	199.6	18.7	206.4	19.6	206.9	19.7	207.5	19.8
	110	117.1	9.8	150.1	13.7	174.9	16.9	190.6	19.1	191.2	19.1	191.6	19.2	192.2	19.3
	115	117.1	10.9	150.1	15.2	162.9	17.0	163.4	17.1	163.9	17.2	164.3	17.2	164.7	17.3
	118	117.1	11.6	140.6	14.8	141.0	14.9	141.4	14.9	141.9	15.0	142.1	15.0	142.6	15.1
	122	102.7	10.5	103.1	10.6	103.4	10.6	103.7	10.7	104.0	10.7	104.2	10.7	104.6	10.8

Tc: Total Capacity PI: Power Input

Table 95 - 38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	114.9	3.5	147.3	4.9	171.6	6.1	195.8	7.3	220.1	8.6	236.3	9.5	260.6	11.0
	30	114.9	3.6	147.3	5.0	171.6	6.2	195.8	7.4	220.1	8.7	236.3	9.7	260.6	11.1
	40	114.9	3.7	147.3	5.1	171.6	6.3	195.8	7.6	220.1	9.0	236.3	9.9	260.6	11.4
	50	114.9	3.9	147.3	5.4	171.6	6.6	195.8	8.0	220.1	9.4	236.3	10.4	260.6	12.0
	54	114.9	4.0	147.3	5.5	171.6	6.8	195.8	8.2	220.1	9.7	236.3	10.7	260.6	12.3
	58	114.9	4.1	147.3	5.7	171.6	7.1	195.8	8.5	220.1	10.0	236.3	11.0	260.6	12.7
	62	114.9	4.3	147.3	5.9	171.6	7.3	195.8	8.8	220.1	10.4	236.3	11.5	260.6	13.2
	66	114.9	4.4	147.3	6.2	171.6	7.7	195.8	9.2	220.1	10.8	236.3	12.0	260.6	13.8
	70	114.9	4.7	147.3	6.5	171.6	8.0	195.8	9.7	220.1	11.4	236.3	12.6	260.6	14.5
	72	114.9	4.8	147.3	6.7	171.6	8.3	195.8	9.9	220.1	11.7	236.3	12.9	260.6	14.9
	75	114.9	5.0	147.3	7.0	171.6	8.6	195.8	10.4	220.1	12.2	236.3	13.5	260.6	15.6
	79	114.9	5.3	147.3	7.4	171.6	9.2	195.8	11.0	220.1	13.0	236.3	14.4	260.6	16.5
	83	114.9	5.7	147.3	7.9	171.6	9.8	195.8	11.8	220.1	13.9	236.3	15.3	260.6	17.7
	87	114.9	6.1	147.3	8.5	171.6	10.5	195.8	12.6	220.1	14.9	236.3	16.4	260.6	18.9
	91	114.9	6.6	147.3	9.2	171.6	11.3	195.8	13.6	220.1	16.0	236.3	17.7	257.6	20.0
	93	114.9	6.8	147.3	9.5	171.6	11.7	195.8	14.1	220.1	16.6	236.3	18.4	254.0	20.4
	95	114.9	7.1	147.3	9.9	171.6	12.2	195.8	14.6	220.1	17.3	236.3	19.1	250.2	20.7
	99	114.9	7.6	147.3	10.7	171.6	13.2	195.8	15.8	220.1	18.7	236.3	20.6	241.4	21.3
	103	114.9	8.3	147.3	11.6	171.6	14.3	195.8	17.2	220.1	20.2	229.8	21.5	230.5	21.6
	106	114.9	8.8	147.3	12.3	171.6	15.2	195.8	18.2	202.2	19.1	202.6	19.1	203.2	19.2
	110	114.9	9.6	147.3	13.4	171.6	16.5	186.7	18.5	187.3	18.6	187.6	18.6	188.2	18.7
	115	114.9	10.6	147.3	14.8	159.6	16.5	160.0	16.6	160.5	16.7	160.9	16.7	161.3	16.8
	118	114.9	11.3	137.7	14.4	138.1	14.4	138.5	14.5	138.9	14.6	139.2	14.6	139.6	14.7
	122	100.5	10.2	101.0	10.3	101.3	10.3	101.6	10.4	101.9	10.4	102.1	10.5	102.4	10.5
110	23	108.4	3.3	139.0	4.6	161.9	5.6	184.8	6.8	207.7	8.0	223.0	8.8	245.9	10.1
	30	108.4	3.3	139.0	4.6	161.9	5.7	184.8	6.8	207.7	8.1	223.0	8.9	245.9	10.2
	40	108.4	3.4	139.0	4.7	161.9	5.8	184.8	7.0	207.7	8.3	223.0	9.1	245.9	10.5
	50	108.4	3.6	139.0	5.0	161.9	6.1	184.8	7.4	207.7	8.7	223.0	9.6	245.9	11.0
	54	108.4	3.7	139.0	5.1	161.9	6.3	184.8	7.6	207.7	8.9	223.0	9.8	245.9	11.3
	58	108.4	3.8	139.0	5.3	161.9	6.5	184.8	7.8	207.7	9.2	223.0	10.2	245.9	11.7
	62	108.4	3.9	139.0	5.5	161.9	6.8	184.8	8.1	207.7	9.6	223.0	10.6	245.9	12.2
	66	108.4	4.1	139.0	5.7	161.9	7.1	184.8	8.5	207.7	10.0	223.0	11.0	245.9	12.7
	70	108.4	4.3	139.0	6.0	161.9	7.4	184.8	8.9	207.7	10.5	223.0	11.6	245.9	13.3
	72	108.4	4.4	139.0	6.2	161.9	7.6	184.8	9.2	207.7	10.8	223.0	11.9	245.9	13.7
	75	108.4	4.6	139.0	6.5	161.9	8.0	184.8	9.6	207.7	11.3	223.0	12.4	245.9	14.3
	79	108.4	4.9	139.0	6.9	161.9	8.5	184.8	10.2	207.7	12.0	223.0	13.2	245.9	15.2
	83	108.4	5.3	139.0	7.3	161.9	9.0	184.8	10.9	207.7	12.8	223.0	14.1	245.9	16.2
	87	108.4	5.6	139.0	7.9	161.9	9.7	184.8	11.6	207.7	13.7	223.0	15.1	245.9	17.4
	91	108.4	6.1	139.0	8.5	161.9	10.4	184.8	12.5	207.7	14.7	223.0	16.3	245.9	18.7
	93	108.4	6.3	139.0	8.8	161.9	10.8	184.8	13.0	207.7	15.3	223.0	16.9	245.9	19.5
	95	108.4	6.5	139.0	9.1	161.9	11.3	184.8	13.5	207.7	15.9	223.0	17.6	244.9	20.1
	99	108.4	7.1	139.0	9.9	161.9	12.2	184.8	14.6	207.7	17.2	223.0	19.0	236.2	20.6
	103	108.4	7.7	139.0	10.7	161.9	13.2	184.8	15.8	207.7	18.6	223.0	20.6	225.6	20.9
	106	108.4	8.1	139.0	11.4	161.9	14.0	184.8	16.8	197.9	18.5	198.3	18.5	198.9	18.6
	110	108.4	8.8	139.0	12.4	161.9	15.2	182.7	18.0	183.3	18.0	183.7	18.1	184.2	18.2
	115	108.4	9.8	139.0	13.7	156.2	16.1	156.7	16.1	157.1	16.2	157.4	16.2	157.9	16.3
	118	108.4	10.4	134.7	14.0	135.2	14.0	135.6	14.1	136.0	14.1	136.2	14.2	136.7	14.2
	122	98.4	10.0	98.8	10.0	99.1	10.0	99.4	10.1	99.7	10.1	99.9	10.2	100.2	10.2
100	23	98.6	2.9	126.3	4.0	147.2	4.9	168.0	5.9	188.8	7.0	202.7	7.7	223.5	8.8
	30	98.6	2.9	126.3	4.1	147.2	5.0	168.0	6.0	188.8	7.0	202.7	7.8	223.5	8.9
	40	98.6	3.0	126.3	4.2	147.2	5.1	168.0	6.2	188.8	7.2	202.7	8.0	223.5	9.2
	50	98.6	3.1	126.3	4.4	147.2	5.4	168.0	6.5	188.8	7.6	202.7	8.4	223.5	9.6
	54	98.6	3.2	126.3	4.5	147.2	5.5	168.0	6.6	188.8	7.8	202.7	8.6	223.5	9.9
	58	98.6	3.3	126.3	4.6	147.2	5.7	168.0	6.9	188.8	8.1	202.7	8.9	223.5	10.2
	62	98.6	3.5	126.3	4.8	147.2	5.9	168.0	7.1	188.8	8.4	202.7	9.2	223.5	10.6
	66	98.6	3.6	126.3	5.0	147.2	6.2	168.0	7.4	188.8	8.7	202.7	9.7	223.5	11.1
	70	98.6	3.8	126.3	5.3	147.2	6.5	168.0	7.8	188.8	9.2	202.7	10.1	223.5	11.6
	72	98.6	3.9	126.3	5.4	147.2	6.7	168.0	8.0	188.8	9.4	202.7	10.4	223.5	12.0
	75	98.6	4.1	126.3	5.7	147.2	7.0	168.0	8.4	188.8	9.9	202.7	10.9	223.5	12.5
	79	98.6	4.3	126.3	6.0	147.2	7.4	168.0	8.9	188.8	10.5	202.7	11.6	223.5	13.3
	83	98.6	4.6	126.3	6.5	147.2	7.9	168.0	9.5	188.8	11.2	202.7	12.4	223.5	14.2
	87	98.6	5.0	126.3	6.9	147.2	8.5	168.0	10.2	188.8	12.0	202.7	13.2	223.5	15.2
	91	98.6	5.3	126.3	7.4	147.2	9.2	168.0	11.0	188.8	12.9	202.7	14.2	223.5	16.4
	93	98.6	5.5	126.3	7.7	147.2	9.5	168.0	11.4	188.8	13.4	202.7	14.8	223.5	17.0
	95	98.6	5.8	126.3	8.0	147.2	9.9	168.0	11.8	188.8	13.9	202.7	15.4	223.5	17.6
	99	98.6	6.2	126.3	8.7	147.2	10.7	168.0	12.8	188.8	15.1	202.7	16.6	223.5	19.1
	103	98.6	6.7	126.3	9.4	147.2	11.6	168.0	13.9	188.8	16.3	202.7	18.0	220.7	20.3
	106	98.6	7.2	126.3	10.0	147.2	12.3	168.0	14.7	188.8	17.3	194.0	18.0	194.6	18.1
	110	98.6	7.8	126.3	10.9	147.2	13.3	168.0	16.0	179.3	17.5	179.7	17.6	180.2	17.6
	115	98.6	8.6	126.3	12.0	147.2	14.8	153.3	15.6	153.7	15.7	154.0	15.8	154.5	15.8
	118	98.6	9.2	126.3	12.8	132.2	13.6	132.6	13.7	133.0	13.7	133.3	13.8	133.7	13.8
	122	96.3	9.7	96.7	9.7	97.0	9.8	97.3	9.8	97.6	9.8	97.8	9.9	98.1	9.9

Tc: Total Capacity PI: Power Input

Table 96 - 38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	88.7	2.5	113.7	3.5	132.5	4.3	151.2	5.1	169.9	6.0	182.4	6.6	201.2	7.6
	30	88.7	2.5	113.7	3.5	132.5	4.3	151.2	5.2	169.9	6.1	182.4	6.7	201.2	7.7
	40	88.7	2.6	113.7	3.6	132.5	4.5	151.2	5.3	169.9	6.3	182.4	6.9	201.2	7.9
	50	88.7	2.7	113.7	3.8	132.5	4.7	151.2	5.6	169.9	6.6	182.4	7.2	201.2	8.3
	54	88.7	2.8	113.7	3.9	132.5	4.8	151.2	5.7	169.9	6.7	182.4	7.4	201.2	8.5
	58	88.7	2.9	113.7	4.0	132.5	5.0	151.2	5.9	169.9	7.0	182.4	7.7	201.2	8.8
	62	88.7	3.0	113.7	4.2	132.5	5.1	151.2	6.2	169.9	7.2	182.4	8.0	201.2	9.1
	66	88.7	3.1	113.7	4.4	132.5	5.4	151.2	6.4	169.9	7.6	182.4	8.3	201.2	9.6
	70	88.7	3.3	113.7	4.6	132.5	5.7	151.2	6.8	169.9	7.9	182.4	8.8	201.2	10.0
	72	88.7	3.4	113.7	4.7	132.5	5.8	151.2	7.0	169.9	8.2	182.4	9.0	201.2	10.3
	75	88.7	3.5	113.7	4.9	132.5	6.1	151.2	7.3	169.9	8.5	182.4	9.4	201.2	10.8
	79	88.7	3.8	113.7	5.2	132.5	6.4	151.2	7.7	169.9	9.1	182.4	10.0	201.2	11.4
	83	88.7	4.0	113.7	5.6	132.5	6.9	151.2	8.2	169.9	9.7	182.4	10.7	201.2	12.2
	87	88.7	4.3	113.7	6.0	132.5	7.4	151.2	8.8	169.9	10.4	182.4	11.4	201.2	13.1
	91	88.7	4.6	113.7	6.5	132.5	7.9	151.2	9.5	169.9	11.1	182.4	12.3	201.2	14.1
	93	88.7	4.8	113.7	6.7	132.5	8.2	151.2	9.9	169.9	11.6	182.4	12.8	201.2	14.6
	95	88.7	5.0	113.7	7.0	132.5	8.6	151.2	10.2	169.9	12.0	182.4	13.3	201.2	15.2
	99	88.7	5.4	113.7	7.5	132.5	9.3	151.2	11.1	169.9	13.0	182.4	14.3	201.2	16.4
	103	88.7	5.9	113.7	8.2	132.5	10.0	151.2	12.0	169.9	14.1	182.4	15.5	201.2	17.8
	106	88.7	6.2	113.7	8.7	132.5	10.7	151.2	12.8	169.9	15.0	182.4	16.5	190.3	17.5
	110	88.7	6.8	113.7	9.4	132.5	11.6	151.2	13.8	169.9	16.3	175.7	17.0	176.3	17.1
	115	88.7	7.5	113.7	10.4	132.5	12.8	149.9	15.2	150.3	15.2	150.6	15.3	151.1	15.3
	118	88.7	8.0	113.7	11.1	129.3	13.2	129.7	13.3	130.1	13.3	130.4	13.4	130.8	13.4
	122	88.7	8.7	94.5	9.4	94.8	9.5	95.1	9.5	95.4	9.5	95.6	9.6	95.9	9.6
80	23	78.9	2.1	101.1	3.0	117.7	3.7	134.4	4.4	151.1	5.1	162.2	5.6	178.8	6.5
	30	78.9	2.2	101.1	3.0	117.7	3.7	134.4	4.4	151.1	5.2	162.2	5.7	178.8	6.5
	40	78.9	2.2	101.1	3.1	117.7	3.8	134.4	4.5	151.1	5.3	162.2	5.9	178.8	6.7
	50	78.9	2.3	101.1	3.2	117.7	4.0	134.4	4.8	151.1	5.6	162.2	6.1	178.8	7.0
	54	78.9	2.4	101.1	3.3	117.7	4.1	134.4	4.9	151.1	5.7	162.2	6.3	178.8	7.2
	58	78.9	2.5	101.1	3.4	117.7	4.2	134.4	5.1	151.1	5.9	162.2	6.5	178.8	7.5
	62	78.9	2.6	101.1	3.6	117.7	4.4	134.4	5.3	151.1	6.2	162.2	6.8	178.8	7.8
	66	78.9	2.7	101.1	3.7	117.7	4.6	134.4	5.5	151.1	6.4	162.2	7.1	178.8	8.1
	70	78.9	2.8	101.1	3.9	117.7	4.8	134.4	5.8	151.1	6.8	162.2	7.4	178.8	8.5
	72	78.9	2.9	101.1	4.0	117.7	5.0	134.4	5.9	151.1	6.9	162.2	7.6	178.8	8.8
	75	78.9	3.0	101.1	4.2	117.7	5.2	134.4	6.2	151.1	7.2	162.2	8.0	178.8	9.1
	79	78.9	3.2	101.1	4.5	117.7	5.5	134.4	6.6	151.1	7.7	162.2	8.5	178.8	9.7
	83	78.9	3.4	101.1	4.8	117.7	5.9	134.4	7.0	151.1	8.2	162.2	9.1	178.8	10.4
	87	78.9	3.7	101.1	5.1	117.7	6.3	134.4	7.5	151.1	8.8	162.2	9.7	178.8	11.1
	91	78.9	4.0	101.1	5.5	117.7	6.8	134.4	8.1	151.1	9.5	162.2	10.5	178.8	12.0
	93	78.9	4.1	101.1	5.7	117.7	7.0	134.4	8.4	151.1	9.9	162.2	10.9	178.8	12.4
	95	78.9	4.3	101.1	6.0	117.7	7.3	134.4	8.7	151.1	10.2	162.2	11.3	178.8	12.9
	99	78.9	4.6	101.1	6.4	117.7	7.9	134.4	9.4	151.1	11.1	162.2	12.2	178.8	14.0
	103	78.9	5.0	101.1	7.0	117.7	8.6	134.4	10.2	151.1	12.0	162.2	13.2	178.8	15.1
	106	78.9	5.3	101.1	7.4	117.7	9.1	134.4	10.9	151.1	12.7	162.2	14.0	178.8	16.1
	110	78.9	5.8	101.1	8.0	117.7	9.9	134.4	11.8	151.1	13.8	162.2	15.2	172.3	16.6
	115	78.9	6.4	101.1	8.9	117.7	10.9	134.4	13.1	146.9	14.8	147.2	14.8	147.7	14.9
	118	78.9	6.8	101.1	9.5	117.7	11.7	126.8	12.9	127.2	12.9	127.4	13.0	127.8	13.0
	122	78.9	7.4	92.4	9.1	92.7	9.2	93.0	9.2	93.3	9.3	93.4	9.3	93.7	9.3
70	23	69.0	1.8	88.4	2.5	103.0	3.1	117.6	3.6	132.2	4.3	141.9	4.7	156.5	5.4
	30	69.0	1.8	88.4	2.5	103.0	3.1	117.6	3.7	132.2	4.3	141.9	4.8	156.5	5.4
	40	69.0	1.9	88.4	2.6	103.0	3.2	117.6	3.8	132.2	4.4	141.9	4.9	156.5	5.6
	50	69.0	1.9	88.4	2.7	103.0	3.3	117.6	4.0	132.2	4.7	141.9	5.1	156.5	5.9
	54	69.0	2.0	88.4	2.8	103.0	3.4	117.6	4.1	132.2	4.8	141.9	5.3	156.5	6.0
	58	69.0	2.1	88.4	2.9	103.0	3.5	117.6	4.2	132.2	4.9	141.9	5.4	156.5	6.2
	62	69.0	2.1	88.4	3.0	103.0	3.7	117.6	4.4	132.2	5.1	141.9	5.7	156.5	6.5
	66	69.0	2.2	88.4	3.1	103.0	3.8	117.6	4.6	132.2	5.4	141.9	5.9	156.5	6.7
	70	69.0	2.4	88.4	3.3	103.0	4.0	117.6	4.8	132.2	5.6	141.9	6.2	156.5	7.1
	72	69.0	2.4	88.4	3.4	103.0	4.1	117.6	4.9	132.2	5.8	141.9	6.4	156.5	7.3
	75	69.0	2.5	88.4	3.5	103.0	4.3	117.6	5.2	132.2	6.0	141.9	6.7	156.5	7.6
	79	69.0	2.7	88.4	3.7	103.0	4.6	117.6	5.5	132.2	6.4	141.9	7.1	156.5	8.1
	83	69.0	2.9	88.4	4.0	103.0	4.9	117.6	5.9	132.2	6.9	141.9	7.6	156.5	8.6
	87	69.0	3.1	88.4	4.3	103.0	5.3	117.6	6.3	132.2	7.4	141.9	8.1	156.5	9.3
	91	69.0	3.3	88.4	4.6	103.0	5.7	117.6	6.8	132.2	7.9	141.9	8.7	156.5	10.0
	93	69.0	3.4	88.4	4.8	103.0	5.9	117.6	7.0	132.2	8.2	141.9	9.0	156.5	10.3
	95	69.0	3.6	88.4	5.0	103.0	6.1	117.6	7.3	132.2	8.5	141.9	9.4	156.5	10.7
	99	69.0	3.9	88.4	5.4	103.0	6.6	117.6	7.9	132.2	9.2	141.9	10.2	156.5	11.6
	103	69.0	4.2	88.4	5.8	103.0	7.2	117.6	8.5	132.2	10.0	141.9	11.0	156.5	12.6
	106	69.0	4.4	88.4	6.2	103.0	7.6	117.6	9.1	132.2	10.6	141.9	11.7	156.5	13.4
	110	69.0	4.8	88.4	6.7	103.0	8.3	117.6	9.9	132.2	11.5	141.9	12.7	156.5	14.5
	115	69.0	5.3	88.4	7.5	103.0	9.2	117.6	10.9	132.2	12.8	141.9	14.1	144.3	14.4
	118	69.0	5.7	88.4	7.9	103.0	9.7	117.6	11.6	124.2	12.5	124.5	12.6	124.8	12.6
	122	69.0	6.2	88.4	8.6	90.6	8.9	90.8	8.9	91.1	9.0	91.3	9.0	91.6	9.0

Tc: Total Capacity PI: Power Input

Table 97 - 38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	59.1	1.4	75.8	2.0	88.3	2.5	100.8	3.0	113.3	3.5	121.6	3.8	134.1	4.4
	30	59.1	1.5	75.8	2.0	88.3	2.5	100.8	3.0	113.3	3.5	121.6	3.9	134.1	4.4
	40	59.1	1.5	75.8	2.1	88.3	2.6	100.8	3.1	113.3	3.6	121.6	4.0	134.1	4.5
	50	59.1	1.6	75.8	2.2	88.3	2.7	100.8	3.2	113.3	3.8	121.6	4.2	134.1	4.7
	54	59.1	1.6	75.8	2.3	88.3	2.8	100.8	3.3	113.3	3.9	121.6	4.3	134.1	4.9
	58	59.1	1.7	75.8	2.3	88.3	2.9	100.8	3.4	113.3	4.0	121.6	4.4	134.1	5.0
	62	59.1	1.7	75.8	2.4	88.3	3.0	100.8	3.6	113.3	4.2	121.6	4.6	134.1	5.2
	66	59.1	1.8	75.8	2.5	88.3	3.1	100.8	3.7	113.3	4.4	121.6	4.8	134.1	5.5
	70	59.1	1.9	75.8	2.7	88.3	3.3	100.8	3.9	113.3	4.6	121.6	5.0	134.1	5.8
	72	59.1	2.0	75.8	2.7	88.3	3.4	100.8	4.0	113.3	4.7	121.6	5.2	134.1	5.9
	75	59.1	2.0	75.8	2.9	88.3	3.5	100.8	4.2	113.3	4.9	121.6	5.4	134.1	6.2
	79	59.1	2.2	75.8	3.0	88.3	3.7	100.8	4.5	113.3	5.2	121.6	5.7	134.1	6.6
	83	59.1	2.3	75.8	3.3	88.3	4.0	100.8	4.8	113.3	5.6	121.6	6.1	134.1	7.0
	87	59.1	2.5	75.8	3.5	88.3	4.3	100.8	5.1	113.3	6.0	121.6	6.6	134.1	7.5
	91	59.1	2.7	75.8	3.8	88.3	4.6	100.8	5.5	113.3	6.4	121.6	7.1	134.1	8.1
	93	59.1	2.8	75.8	3.9	88.3	4.8	100.8	5.7	113.3	6.7	121.6	7.3	134.1	8.4
	95	59.1	2.9	75.8	4.0	88.3	5.0	100.8	5.9	113.3	6.9	121.6	7.6	134.1	8.7
	99	59.1	3.1	75.8	4.4	88.3	5.4	100.8	6.4	113.3	7.5	121.6	8.3	134.1	9.4
	103	59.1	3.4	75.8	4.7	88.3	5.8	100.8	6.9	113.3	8.1	121.6	8.9	134.1	10.2
	106	59.1	3.6	75.8	5.0	88.3	6.2	100.8	7.4	113.3	8.6	121.6	9.5	134.1	10.8
	110	59.1	3.9	75.8	5.5	88.3	6.7	100.8	8.0	113.3	9.4	121.6	10.3	134.1	11.8
	115	59.1	4.3	75.8	6.1	88.3	7.4	100.8	8.9	113.3	10.4	121.6	11.4	134.1	13.1
	118	59.1	4.6	75.8	6.5	88.3	7.9	100.8	9.5	113.3	11.1	121.5	12.2	121.9	12.2
	122	59.1	5.0	75.8	7.0	88.3	8.6	88.7	8.7	88.9	8.7	89.1	8.7	89.4	8.8
50	23	49.3	1.1	63.2	1.6	73.6	1.9	84.0	2.3	94.4	2.7	101.4	3.0	111.8	3.4
	30	49.3	1.1	63.2	1.6	73.6	2.0	84.0	2.4	94.4	2.8	101.4	3.0	111.8	3.4
	40	49.3	1.2	63.2	1.6	73.6	2.0	84.0	2.4	94.4	2.8	101.4	3.1	111.8	3.5
	50	49.3	1.2	63.2	1.7	73.6	2.1	84.0	2.5	94.4	3.0	101.4	3.3	111.8	3.7
	54	49.3	1.2	63.2	1.8	73.6	2.2	84.0	2.6	94.4	3.0	101.4	3.3	111.8	3.8
	58	49.3	1.3	63.2	1.8	73.6	2.2	84.0	2.7	94.4	3.1	101.4	3.5	111.8	3.9
	62	49.3	1.3	63.2	1.9	73.6	2.3	84.0	2.8	94.4	3.3	101.4	3.6	111.8	4.1
	66	49.3	1.4	63.2	2.0	73.6	2.4	84.0	2.9	94.4	3.4	101.4	3.8	111.8	4.3
	70	49.3	1.5	63.2	2.1	73.6	2.6	84.0	3.1	94.4	3.6	101.4	3.9	111.8	4.5
	72	49.3	1.5	63.2	2.1	73.6	2.6	84.0	3.2	94.4	3.7	101.4	4.1	111.8	4.6
	75	49.3	1.6	63.2	2.2	73.6	2.8	84.0	3.3	94.4	3.8	101.4	4.2	111.8	4.8
	79	49.3	1.7	63.2	2.4	73.6	2.9	84.0	3.5	94.4	4.1	101.4	4.5	111.8	5.1
	83	49.3	1.8	63.2	2.5	73.6	3.1	84.0	3.7	94.4	4.4	101.4	4.8	111.8	5.5
	87	49.3	1.9	63.2	2.7	73.6	3.3	84.0	4.0	94.4	4.7	101.4	5.1	111.8	5.9
	91	49.3	2.1	63.2	2.9	73.6	3.6	84.0	4.3	94.4	5.0	101.4	5.5	111.8	6.3
	93	49.3	2.1	63.2	3.0	73.6	3.7	84.0	4.5	94.4	5.2	101.4	5.8	111.8	6.6
	95	49.3	2.2	63.2	3.2	73.6	3.9	84.0	4.6	94.4	5.4	101.4	6.0	111.8	6.8
	99	49.3	2.4	63.2	3.4	73.6	4.2	84.0	5.0	94.4	5.9	101.4	6.5	111.8	7.4
	103	49.3	2.6	63.2	3.7	73.6	4.6	84.0	5.4	94.4	6.4	101.4	7.0	111.8	8.0
	106	49.3	2.8	63.2	3.9	73.6	4.8	84.0	5.8	94.4	6.8	101.4	7.4	111.8	8.5
	110	49.3	3.0	63.2	4.3	73.6	5.3	84.0	6.3	94.4	7.3	101.4	8.1	111.8	9.2
	115	49.3	3.3	63.2	4.7	73.6	5.8	84.0	7.0	94.4	8.1	101.4	9.0	111.8	10.2
	118	49.3	3.6	63.2	5.0	73.6	6.2	84.0	7.4	94.4	8.7	101.4	9.5	111.8	10.9
	122	49.3	3.9	63.2	5.5	73.6	6.7	84.0	8.0	86.8	8.4	87.0	8.4	87.2	8.5

Tc: Total Capacity PI: Power Input

Table 98 - 38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	138.7	4.8	177.7	6.7	207.0	8.3	236.3	10.0	265.6	11.8	285.1	13.0	314.4	15.0
	30	138.7	4.9	177.7	6.8	207.0	8.4	236.3	10.1	265.6	11.9	285.1	13.2	314.4	15.2
	40	138.7	5.0	177.7	7.0	207.0	8.6	236.3	10.3	265.6	12.2	285.1	13.5	314.4	15.6
	50	138.7	5.2	177.7	7.3	207.0	9.0	236.3	10.9	265.6	12.8	285.1	14.2	314.4	16.3
	54	138.7	5.4	177.7	7.5	207.0	9.3	236.3	11.2	265.6	13.2	285.1	14.6	314.4	16.8
	58	138.7	5.5	177.7	7.8	207.0	9.6	236.3	11.5	265.6	13.6	285.1	15.1	314.4	17.3
	62	138.7	5.8	177.7	8.1	207.0	10.0	236.3	12.0	265.6	14.1	285.1	15.6	313.6	18.0
	66	138.7	6.0	177.7	8.4	207.0	10.4	236.3	12.5	265.6	14.8	285.1	16.3	308.9	18.4
	70	138.7	6.3	177.7	8.9	207.0	10.9	236.3	13.1	265.6	15.5	285.1	17.2	304.0	18.8
	72	138.7	6.5	177.7	9.1	207.0	11.2	236.3	13.5	265.6	15.9	285.1	17.6	301.5	19.1
	75	138.7	6.8	177.7	9.5	207.0	11.7	236.3	14.1	265.6	16.6	285.1	18.4	297.7	19.6
	79	138.7	7.2	177.7	10.1	207.0	12.5	236.3	15.0	265.6	17.7	285.1	19.6	292.3	20.3
	83	138.7	7.7	177.7	10.8	207.0	13.3	236.3	16.0	265.6	18.9	285.1	20.9	286.7	21.1
	87	138.7	8.3	177.7	11.6	207.0	14.3	236.3	17.2	265.6	20.2	279.8	21.8	280.7	21.9
	91	138.7	8.9	177.7	12.4	207.0	15.3	236.3	18.5	265.6	21.8	273.1	22.7	273.9	22.8
	93	138.7	9.2	177.7	12.9	207.0	15.9	236.3	19.2	265.6	22.6	269.3	23.1	270.1	23.2
	95	138.7	9.6	177.7	13.4	207.0	16.6	236.3	19.9	264.7	23.4	265.3	23.5	266.1	23.6
	99	138.7	10.4	177.7	14.5	207.0	17.9	236.3	21.5	255.4	24.0	255.9	24.1	256.7	24.2
	103	138.7	11.2	177.7	15.7	207.0	19.4	236.3	23.3	243.9	24.4	244.3	24.5	245.1	24.6
	106	138.7	11.9	177.7	16.7	207.0	20.6	214.3	21.6	215.0	21.7	215.4	21.8	216.1	21.9
	110	138.7	13.0	177.7	18.1	197.9	21.0	198.5	21.1	199.1	21.2	199.5	21.3	200.1	21.4
	115	138.7	14.4	169.2	18.8	169.7	18.9	170.2	19.0	170.7	19.0	171.1	19.1	171.6	19.2
	118	138.7	15.3	146.4	16.4	146.8	16.5	147.3	16.6	147.7	16.7	148.0	16.7	148.5	16.8
	122	106.9	11.7	107.4	11.8	107.7	11.8	108.0	11.9	108.3	11.9	108.6	12.0	108.9	12.0
140	23	136.2	4.7	174.5	6.5	203.3	8.1	232.1	9.7	260.8	11.5	280.0	12.7	308.8	14.6
	30	136.2	4.7	174.5	6.6	203.3	8.2	232.1	9.8	260.8	11.6	280.0	12.8	308.8	14.8
	40	136.2	4.9	174.5	6.8	203.3	8.4	232.1	10.1	260.8	11.9	280.0	13.2	308.8	15.2
	50	136.2	5.1	174.5	7.1	203.3	8.8	232.1	10.6	260.8	12.5	280.0	13.8	308.8	15.9
	54	136.2	5.2	174.5	7.3	203.3	9.0	232.1	10.9	260.8	12.8	280.0	14.2	308.8	16.3
	58	136.2	5.4	174.5	7.6	203.3	9.3	232.1	11.2	260.8	13.3	280.0	14.7	308.8	16.9
	62	136.2	5.6	174.5	7.9	203.3	9.7	232.1	11.7	260.8	13.8	280.0	15.2	307.4	17.4
	66	136.2	5.9	174.5	8.2	203.3	10.1	232.1	12.2	260.8	14.4	280.0	15.9	302.8	17.8
	70	136.2	6.2	174.5	8.6	203.3	10.7	232.1	12.8	260.8	15.1	280.0	16.7	298.0	18.3
	72	136.2	6.3	174.5	8.9	203.3	11.0	232.1	13.2	260.8	15.5	280.0	17.2	295.5	18.6
	75	136.2	6.6	174.5	9.3	203.3	11.4	232.1	13.7	260.8	16.2	280.0	17.9	291.7	19.0
	79	136.2	7.0	174.5	9.9	203.3	12.2	232.1	14.6	260.8	17.2	280.0	19.1	286.5	19.7
	83	136.2	7.5	174.5	10.5	203.3	13.0	232.1	15.6	260.8	18.4	280.0	20.4	281.0	20.5
	87	136.2	8.1	174.5	11.3	203.3	13.9	232.1	16.7	260.8	19.7	274.3	21.2	275.1	21.3
	91	136.2	8.7	174.5	12.1	203.3	15.0	232.1	18.0	260.8	21.2	267.6	22.0	268.5	22.1
	93	136.2	9.0	174.5	12.6	203.3	15.5	232.1	18.7	260.8	22.0	264.0	22.4	264.8	22.5
	95	136.2	9.4	174.5	13.1	203.3	16.1	232.1	19.4	259.5	22.7	260.0	22.8	260.8	22.9
	99	136.2	10.1	174.5	14.2	203.3	17.5	232.1	21.0	250.3	23.4	250.8	23.4	251.6	23.5
	103	136.2	11.0	174.5	15.3	203.3	18.9	232.1	22.7	239.0	23.7	239.5	23.8	240.2	23.9
	106	136.2	11.6	174.5	16.3	203.3	20.1	210.1	21.0	210.7	21.1	211.1	21.2	211.8	21.3
	110	136.2	12.6	174.5	17.7	194.0	20.5	194.6	20.5	195.2	20.6	195.6	20.7	196.2	20.8
	115	136.2	14.0	165.8	18.3	166.3	18.4	166.8	18.4	167.3	18.5	167.7	18.6	168.2	18.6
	118	136.2	14.9	143.5	16.0	143.9	16.1	144.4	16.1	144.8	16.2	145.1	16.2	145.5	16.3
	122	104.8	11.4	105.2	11.5	105.5	11.5	105.9	11.6	106.2	11.6	106.4	11.6	106.7	11.7
130	23	133.7	4.6	171.3	6.4	199.6	7.9	227.8	9.5	256.1	11.2	274.9	12.3	303.1	14.2
	30	133.7	4.6	171.3	6.5	199.6	8.0	227.8	9.6	256.1	11.3	274.9	12.5	303.1	14.4
	40	133.7	4.7	171.3	6.6	199.6	8.2	227.8	9.8	256.1	11.6	274.9	12.8	303.1	14.8
	50	133.7	5.0	171.3	7.0	199.6	8.6	227.8	10.3	256.1	12.2	274.9	13.5	303.1	15.5
	54	133.7	5.1	171.3	7.2	199.6	8.8	227.8	10.6	256.1	12.5	274.9	13.8	303.1	15.9
	58	133.7	5.3	171.3	7.4	199.6	9.1	227.8	10.9	256.1	12.9	274.9	14.3	303.1	16.4
	62	133.7	5.5	171.3	7.7	199.6	9.5	227.8	11.4	256.1	13.4	274.9	14.8	301.1	16.9
	66	133.7	5.7	171.3	8.0	199.6	9.9	227.8	11.9	256.1	14.0	274.9	15.5	296.6	17.3
	70	133.7	6.0	171.3	8.4	199.6	10.4	227.8	12.5	256.1	14.7	274.9	16.3	291.9	17.8
	72	133.7	6.2	171.3	8.7	199.6	10.7	227.8	12.8	256.1	15.1	274.9	16.7	289.5	18.0
	75	133.7	6.5	171.3	9.0	199.6	11.1	227.8	13.4	256.1	15.8	274.9	17.5	285.8	18.5
	79	133.7	6.9	171.3	9.6	199.6	11.8	227.8	14.2	256.1	16.8	274.9	18.6	280.7	19.1
	83	133.7	7.3	171.3	10.3	199.6	12.6	227.8	15.2	256.1	17.9	274.5	19.8	275.3	19.9
	87	133.7	7.9	171.3	11.0	199.6	13.6	227.8	16.3	256.1	19.2	268.7	20.6	269.5	20.7
	91	133.7	8.5	171.3	11.8	199.6	14.6	227.8	17.5	256.1	20.7	262.2	21.4	263.0	21.5
	93	133.7	8.8	171.3	12.3	199.6	15.1	227.8	18.2	256.1	21.5	258.6	21.8	259.4	21.9
	95	133.7	9.1	171.3	12.8	199.6	15.7	227.8	18.9	254.2	22.1	254.7	22.1	255.5	22.2
	99	133.7	9.9	171.3	13.8	199.6	17.0	227.8	20.5	245.2	22.7	245.7	22.8	246.5	22.9
	103	133.7	10.7	171.3	15.0	199.6	18.4	227.8	22.2	234.2	23.0	234.6	23.1	235.3	23.2
	106	133.7	11.4	171.3	15.9	199.6	19.6	205.8	20.4	206.4	20.5	206.9	20.6	207.5	20.7
	110	133.7	12.3	171.3	17.3	190.1	19.9	190.6	20.0	191.2	20.1	191.6	20.1	192.2	20.2
	115	133.7	13.7	162.4	17.8	162.9	17.9	163.4	17.9	163.9	18.0	164.3	18.1	164.7	18.1
	118	133.7	14.6	140.6	15.6	141.0	15.6	141.4	15.7	141.9	15.8	142.1	15.8	142.6	15.9
	122	102.7	11.1	103.1	11.2	103.4	11.2	103.7	11.3	104.0	11.3	104.2	11.3	104.6	11.4

Tc: Total Capacity PI: Power Input

Table 99 - 38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	131.2	4.5	168.2	6.2	195.9	7.7	223.6	9.2	251.3	10.9	269.8	12.0	297.5	13.8
	30	131.2	4.5	168.2	6.3	195.9	7.8	223.6	9.3	251.3	11.0	269.8	12.2	297.5	14.0
	40	131.2	4.6	168.2	6.5	195.9	8.0	223.6	9.6	251.3	11.3	269.8	12.5	297.5	14.4
	50	131.2	4.9	168.2	6.8	195.9	8.4	223.6	10.0	251.3	11.8	269.8	13.1	297.5	15.1
	54	131.2	5.0	168.2	7.0	195.9	8.6	223.6	10.3	251.3	12.2	269.8	13.5	297.5	15.5
	58	131.2	5.2	168.2	7.2	195.9	8.9	223.6	10.7	251.3	12.6	269.8	13.9	297.5	16.0
	62	131.2	5.4	168.2	7.5	195.9	9.2	223.6	11.1	251.3	13.1	269.8	14.4	294.9	16.4
	66	131.2	5.6	168.2	7.8	195.9	9.6	223.6	11.6	251.3	13.6	269.8	15.1	290.5	16.8
	70	131.2	5.9	168.2	8.2	195.9	10.1	223.6	12.2	251.3	14.3	269.8	15.9	285.9	17.2
	72	131.2	6.0	168.2	8.4	195.9	10.4	223.6	12.5	251.3	14.7	269.8	16.3	283.5	17.5
	75	131.2	6.3	168.2	8.8	195.9	10.9	223.6	13.0	251.3	15.4	269.8	17.0	279.9	17.9
	79	131.2	6.7	168.2	9.4	195.9	11.5	223.6	13.9	251.3	16.3	269.8	18.1	274.9	18.6
	83	131.2	7.2	168.2	10.0	195.9	12.3	223.6	14.8	251.3	17.5	268.8	19.2	269.6	19.3
	87	131.2	7.7	168.2	10.7	195.9	13.2	223.6	15.9	251.3	18.7	263.1	20.0	263.9	20.1
	91	131.2	8.2	168.2	11.5	195.9	14.2	223.6	17.1	251.3	20.1	256.8	20.8	257.6	20.8
	93	131.2	8.6	168.2	12.0	195.9	14.8	223.6	17.7	251.3	20.9	253.3	21.1	254.0	21.2
	95	131.2	8.9	168.2	12.4	195.9	15.3	223.6	18.4	248.9	21.4	249.4	21.5	250.2	21.6
	99	131.2	9.6	168.2	13.5	195.9	16.6	223.6	19.9	240.1	22.0	240.6	22.1	241.4	22.2
	103	131.2	10.4	168.2	14.6	195.9	18.0	223.6	21.6	229.3	22.4	229.8	22.4	230.5	22.5
	106	131.2	11.1	168.2	15.5	195.9	19.1	201.5	19.9	202.2	19.9	202.6	20.0	203.2	20.1
	110	131.2	12.0	168.2	16.8	186.1	19.3	186.7	19.4	187.3	19.5	187.6	19.5	188.2	19.6
	115	131.2	13.3	159.1	17.3	159.6	17.4	160.0	17.4	160.5	17.5	160.9	17.6	161.3	17.6
	118	131.2	14.2	137.7	15.1	138.1	15.2	138.5	15.3	138.9	15.3	139.2	15.4	139.6	15.4
	122	100.5	10.8	101.0	10.9	101.3	10.9	101.6	10.9	101.9	11.0	102.1	11.0	102.4	11.1
110	23	123.9	4.1	158.8	5.8	185.0	7.1	211.2	8.5	237.4	10.0	254.8	11.1	281.0	12.7
	30	123.9	4.2	158.8	5.8	185.0	7.2	211.2	8.6	237.4	10.1	254.8	11.2	281.0	12.9
	40	123.9	4.3	158.8	6.0	185.0	7.4	211.2	8.8	237.4	10.4	254.8	11.5	281.0	13.2
	50	123.9	4.5	158.8	6.3	185.0	7.7	211.2	9.3	237.4	10.9	254.8	12.1	281.0	13.9
	54	123.9	4.6	158.8	6.5	185.0	7.9	211.2	9.5	237.4	11.2	254.8	12.4	281.0	14.3
	58	123.9	4.8	158.8	6.7	185.0	8.2	211.2	9.9	237.4	11.6	254.8	12.8	281.0	14.7
	62	123.9	5.0	158.8	6.9	185.0	8.5	211.2	10.2	237.4	12.1	254.8	13.3	281.0	15.3
	66	123.9	5.2	158.8	7.2	185.0	8.9	211.2	10.7	237.4	12.6	254.8	13.9	281.0	16.0
	70	123.9	5.4	158.8	7.6	185.0	9.4	211.2	11.2	237.4	13.2	254.8	14.6	279.9	16.7
	72	123.9	5.6	158.8	7.8	185.0	9.6	211.2	11.5	237.4	13.6	254.8	15.0	277.5	17.0
	75	123.9	5.8	158.8	8.2	185.0	10.0	211.2	12.0	237.4	14.2	254.8	15.7	274.0	17.4
	79	123.9	6.2	158.8	8.7	185.0	10.7	211.2	12.8	237.4	15.1	254.8	16.7	269.1	18.0
	83	123.9	6.6	158.8	9.3	185.0	11.4	211.2	13.7	237.4	16.1	254.8	17.8	263.9	18.7
	87	123.9	7.1	158.8	9.9	185.0	12.2	211.2	14.7	237.4	17.3	254.8	19.1	258.3	19.5
	91	123.9	7.6	158.8	10.7	185.0	13.1	211.2	15.8	237.4	18.6	251.3	20.1	252.1	20.2
	93	123.9	7.9	158.8	11.1	185.0	13.6	211.2	16.4	237.4	19.3	247.9	20.5	248.6	20.6
	95	123.9	8.2	158.8	11.5	185.0	14.2	211.2	17.0	237.4	20.0	244.2	20.9	244.9	20.9
	99	123.9	8.9	158.8	12.5	185.0	15.3	211.2	18.4	235.1	21.4	235.5	21.4	236.2	21.5
	103	123.9	9.7	158.8	13.5	185.0	16.6	211.2	19.9	224.5	21.7	224.9	21.8	225.6	21.9
	106	123.9	10.3	158.8	14.3	185.0	17.7	197.3	19.3	197.9	19.4	198.3	19.4	198.9	19.5
	110	123.9	11.1	158.8	15.6	182.2	18.8	182.7	18.8	183.3	18.9	183.7	19.0	184.2	19.1
	115	123.9	12.4	155.7	16.8	156.2	16.9	156.7	16.9	157.1	17.0	157.4	17.1	157.9	17.1
	118	123.9	13.1	134.7	14.7	135.2	14.8	135.6	14.8	136.0	14.9	136.2	14.9	136.7	15.0
	122	98.4	10.5	98.8	10.5	99.1	10.6	99.4	10.6	99.7	10.7	99.9	10.7	100.2	10.7
100	23	112.7	3.6	144.4	5.1	168.2	6.2	192.0	7.5	215.8	8.8	231.7	9.7	255.5	11.1
	30	112.7	3.7	144.4	5.1	168.2	6.3	192.0	7.6	215.8	8.9	231.7	9.8	255.5	11.3
	40	112.7	3.8	144.4	5.3	168.2	6.5	192.0	7.8	215.8	9.1	231.7	10.1	255.5	11.6
	50	112.7	4.0	144.4	5.5	168.2	6.8	192.0	8.1	215.8	9.6	231.7	10.6	255.5	12.1
	54	112.7	4.1	144.4	5.7	168.2	7.0	192.0	8.4	215.8	9.8	231.7	10.8	255.5	12.5
	58	112.7	4.2	144.4	5.9	168.2	7.2	192.0	8.6	215.8	10.2	231.7	11.2	255.5	12.9
	62	112.7	4.4	144.4	6.1	168.2	7.5	192.0	9.0	215.8	10.5	231.7	11.6	255.5	13.4
	66	112.7	4.6	144.4	6.4	168.2	7.8	192.0	9.4	215.8	11.0	231.7	12.2	255.5	14.0
	70	112.7	4.8	144.4	6.7	168.2	8.2	192.0	9.9	215.8	11.6	231.7	12.8	255.5	14.7
	72	112.7	4.9	144.4	6.9	168.2	8.4	192.0	10.1	215.8	11.9	231.7	13.1	255.5	15.1
	75	112.7	5.1	144.4	7.2	168.2	8.8	192.0	10.6	215.8	12.4	231.7	13.7	255.5	15.7
	79	112.7	5.5	144.4	7.6	168.2	9.4	192.0	11.2	215.8	13.2	231.7	14.6	255.5	16.7
	83	112.7	5.8	144.4	8.1	168.2	10.0	192.0	12.0	215.8	14.1	231.7	15.6	255.5	17.9
	87	112.7	6.3	144.4	8.7	168.2	10.7	192.0	12.9	215.8	15.1	231.7	16.7	252.8	18.9
	91	112.7	6.7	144.4	9.4	168.2	11.5	192.0	13.8	215.8	16.3	231.7	18.0	246.7	19.6
	93	112.7	7.0	144.4	9.7	168.2	12.0	192.0	14.4	215.8	16.9	231.7	18.6	243.3	20.0
	95	112.7	7.3	144.4	10.1	168.2	12.5	192.0	14.9	215.8	17.5	231.7	19.4	239.6	20.3
	99	112.7	7.8	144.4	10.9	168.2	13.5	192.0	16.1	215.8	19.0	230.4	20.8	231.1	20.9
	103	112.7	8.5	144.4	11.9	168.2	14.6	192.0	17.5	215.8	20.5	220.0	21.1	220.7	21.2
	106	112.7	9.0	144.4	12.6	168.2	15.5	192.0	18.6	193.6	18.8	194.0	18.8	194.6	18.9
	110	112.7	9.8	144.4	13.7	168.2	16.8	178.8	18.3	179.3	18.4	179.7	18.4	180.2	18.5
	115	112.7	10.9	144.4	15.2	152.8	16.4	153.3	16.4	153.7	16.5	154.0	16.6	154.5	16.6
	118	112.7	11.6	131.8	14.3	132.2	14.3	132.6	14.4	133.0	14.5	133.3	14.5	133.7	14.6
	122	96.3	10.2	96.7	10.2	97.0	10.3	97.3	10.3	97.6	10.4	97.8	10.4	98.1	10.4

Tc: Total Capacity PI: Power Input

Table 100 - 38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	101.4	3.2	130.0	4.4	151.4	5.4	172.8	6.5	194.2	7.6	208.5	8.4	229.9	9.6
	30	101.4	3.2	130.0	4.4	151.4	5.5	172.8	6.5	194.2	7.7	208.5	8.5	229.9	9.7
	40	101.4	3.3	130.0	4.6	151.4	5.6	172.8	6.7	194.2	7.9	208.5	8.7	229.9	10.0
	50	101.4	3.4	130.0	4.8	151.4	5.9	172.8	7.0	194.2	8.3	208.5	9.1	229.9	10.4
	54	101.4	3.5	130.0	4.9	151.4	6.0	172.8	7.2	194.2	8.5	208.5	9.4	229.9	10.7
	58	101.4	3.6	130.0	5.1	151.4	6.2	172.8	7.5	194.2	8.8	208.5	9.7	229.9	11.1
	62	101.4	3.8	130.0	5.3	151.4	6.5	172.8	7.8	194.2	9.1	208.5	10.1	229.9	11.5
	66	101.4	4.0	130.0	5.5	151.4	6.8	172.8	8.1	194.2	9.5	208.5	10.5	229.9	12.0
	70	101.4	4.2	130.0	5.8	151.4	7.1	172.8	8.5	194.2	10.0	208.5	11.0	229.9	12.7
	72	101.4	4.3	130.0	6.0	151.4	7.3	172.8	8.8	194.2	10.3	208.5	11.3	229.9	13.0
	75	101.4	4.5	130.0	6.2	151.4	7.6	172.8	9.1	194.2	10.7	208.5	11.8	229.9	13.6
	79	101.4	4.7	130.0	6.6	151.4	8.1	172.8	9.7	194.2	11.4	208.5	12.6	229.9	14.4
	83	101.4	5.1	130.0	7.1	151.4	8.7	172.8	10.4	194.2	12.2	208.5	13.4	229.9	15.4
	87	101.4	5.4	130.0	7.6	151.4	9.3	172.8	11.1	194.2	13.1	208.5	14.4	229.9	16.5
	91	101.4	5.8	130.0	8.1	151.4	10.0	172.8	12.0	194.2	14.1	208.5	15.5	229.9	17.8
	93	101.4	6.1	130.0	8.5	151.4	10.4	172.8	12.4	194.2	14.6	208.5	16.1	229.9	18.4
	95	101.4	6.3	130.0	8.8	151.4	10.8	172.8	12.9	194.2	15.2	208.5	16.7	229.9	19.2
	99	101.4	6.8	130.0	9.5	151.4	11.7	172.8	14.0	194.2	16.4	208.5	18.1	226.0	20.2
	103	101.4	7.4	130.0	10.3	151.4	12.6	172.8	15.1	194.2	17.8	208.5	19.6	215.8	20.6
	106	101.4	7.8	130.0	10.9	151.4	13.4	172.8	16.1	189.3	18.2	189.7	18.3	190.3	18.3
	110	101.4	8.5	130.0	11.9	151.4	14.6	172.8	17.5	175.4	17.8	175.7	17.9	176.3	17.9
	115	101.4	9.4	130.0	13.2	149.4	15.9	149.9	16.0	150.3	16.0	150.6	16.1	151.1	16.1
	118	101.4	10.0	128.9	13.9	129.3	13.9	129.7	14.0	130.1	14.0	130.4	14.1	130.8	14.1
	122	94.2	9.9	94.5	9.9	94.8	10.0	95.1	10.0	95.4	10.1	95.6	10.1	95.9	10.1
80	23	90.1	2.7	115.5	3.8	134.6	4.6	153.6	5.5	172.6	6.5	185.3	7.1	204.4	8.1
	30	90.1	2.7	115.5	3.8	134.6	4.7	153.6	5.6	172.6	6.5	185.3	7.2	204.4	8.2
	40	90.1	2.8	115.5	3.9	134.6	4.8	153.6	5.7	172.6	6.7	185.3	7.4	204.4	8.5
	50	90.1	2.9	115.5	4.1	134.6	5.0	153.6	6.0	172.6	7.0	185.3	7.7	204.4	8.9
	54	90.1	3.0	115.5	4.2	134.6	5.2	153.6	6.2	172.6	7.2	185.3	8.0	204.4	9.1
	58	90.1	3.1	115.5	4.3	134.6	5.3	153.6	6.4	172.6	7.5	185.3	8.2	204.4	9.4
	62	90.1	3.2	115.5	4.5	134.6	5.5	153.6	6.6	172.6	7.8	185.3	8.5	204.4	9.8
	66	90.1	3.4	115.5	4.7	134.6	5.8	153.6	6.9	172.6	8.1	185.3	8.9	204.4	10.2
	70	90.1	3.6	115.5	5.0	134.6	6.1	153.6	7.3	172.6	8.5	185.3	9.4	204.4	10.7
	72	90.1	3.6	115.5	5.1	134.6	6.2	153.6	7.5	172.6	8.7	185.3	9.6	204.4	11.0
	75	90.1	3.8	115.5	5.3	134.6	6.5	153.6	7.8	172.6	9.1	185.3	10.1	204.4	11.5
	79	90.1	4.0	115.5	5.6	134.6	6.9	153.6	8.3	172.6	9.7	185.3	10.7	204.4	12.2
	83	90.1	4.3	115.5	6.0	134.6	7.4	153.6	8.8	172.6	10.4	185.3	11.4	204.4	13.1
	87	90.1	4.6	115.5	6.5	134.6	7.9	153.6	9.5	172.6	11.1	185.3	12.2	204.4	14.0
	91	90.1	5.0	115.5	7.0	134.6	8.5	153.6	10.2	172.6	12.0	185.3	13.2	204.4	15.1
	93	90.1	5.2	115.5	7.2	134.6	8.9	153.6	10.6	172.6	12.4	185.3	13.7	204.4	15.7
	95	90.1	5.4	115.5	7.5	134.6	9.2	153.6	11.0	172.6	12.9	185.3	14.2	204.4	16.3
	99	90.1	5.8	115.5	8.1	134.6	10.0	153.6	11.9	172.6	13.9	185.3	15.4	204.4	17.6
	103	90.1	6.3	115.5	8.8	134.6	10.8	153.6	12.9	172.6	15.1	185.3	16.7	204.4	19.1
	106	90.1	6.7	115.5	9.3	134.6	11.5	153.6	13.7	172.6	16.1	185.3	17.7	186.0	17.8
	110	90.1	7.3	115.5	10.1	134.6	12.4	153.6	14.9	171.4	17.3	171.8	17.3	172.3	17.4
	115	90.1	8.1	115.5	11.2	134.6	13.8	146.5	15.5	146.9	15.5	147.2	15.6	147.7	15.6
	118	90.1	8.6	115.5	12.0	126.4	13.5	126.8	13.6	127.2	13.6	127.4	13.6	127.8	13.7
	122	90.1	9.3	92.4	9.6	92.7	9.7	93.0	9.7	93.3	9.8	93.4	9.8	93.7	9.8
70	23	78.9	2.2	101.1	3.1	117.7	3.9	134.4	4.6	151.1	5.4	162.2	5.9	178.8	6.8
	30	78.9	2.3	101.1	3.2	117.7	3.9	134.4	4.7	151.1	5.4	162.2	6.0	178.8	6.9
	40	78.9	2.3	101.1	3.3	117.7	4.0	134.4	4.8	151.1	5.6	162.2	6.2	178.8	7.0
	50	78.9	2.4	101.1	3.4	117.7	4.2	134.4	5.0	151.1	5.9	162.2	6.5	178.8	7.4
	54	78.9	2.5	101.1	3.5	117.7	4.3	134.4	5.1	151.1	6.0	162.2	6.6	178.8	7.6
	58	78.9	2.6	101.1	3.6	117.7	4.5	134.4	5.3	151.1	6.2	162.2	6.9	178.8	7.8
	62	78.9	2.7	101.1	3.8	117.7	4.6	134.4	5.5	151.1	6.5	162.2	7.1	178.8	8.1
	66	78.9	2.8	101.1	3.9	117.7	4.8	134.4	5.8	151.1	6.8	162.2	7.4	178.8	8.5
	70	78.9	3.0	101.1	4.1	117.7	5.1	134.4	6.1	151.1	7.1	162.2	7.8	178.8	8.9
	72	78.9	3.0	101.1	4.3	117.7	5.2	134.4	6.2	151.1	7.3	162.2	8.0	178.8	9.2
	75	78.9	3.2	101.1	4.4	117.7	5.4	134.4	6.5	151.1	7.6	162.2	8.4	178.8	9.6
	79	78.9	3.4	101.1	4.7	117.7	5.8	134.4	6.9	151.1	8.1	162.2	8.9	178.8	10.2
	83	78.9	3.6	101.1	5.0	117.7	6.2	134.4	7.4	151.1	8.6	162.2	9.5	178.8	10.9
	87	78.9	3.9	101.1	5.4	117.7	6.6	134.4	7.9	151.1	9.3	162.2	10.2	178.8	11.7
	91	78.9	4.2	101.1	5.8	117.7	7.1	134.4	8.5	151.1	10.0	162.2	11.0	178.8	12.5
	93	78.9	4.3	101.1	6.0	117.7	7.4	134.4	8.8	151.1	10.4	162.2	11.4	178.8	13.0
	95	78.9	4.5	101.1	6.3	117.7	7.7	134.4	9.2	151.1	10.8	162.2	11.8	178.8	13.5
	99	78.9	4.9	101.1	6.8	117.7	8.3	134.4	9.9	151.1	11.6	162.2	12.8	178.8	14.6
	103	78.9	5.3	101.1	7.4	117.7	9.0	134.4	10.8	151.1	12.6	162.2	13.9	178.8	15.9
	106	78.9	5.6	101.1	7.8	117.7	9.6	134.4	11.4	151.1	13.4	162.2	14.7	178.8	16.9
	110	78.9	6.1	101.1	8.5	117.7	10.4	134.4	12.4	151.1	14.5	162.2	16.0	168.3	16.8
	115	78.9	6.7	101.1	9.4	117.7	11.5	134.4	13.8	143.6	15.1	143.8	15.1	144.3	15.2
	118	78.9	7.2	101.1	10.0	117.7	12.3	123.8	13.1	124.2	13.2	124.5	13.2	124.8	13.3
	122	78.9	7.8	90.3	9.3	90.6	9.4	90.8	9.4	91.1	9.5	91.3	9.5	91.6	9.5

Tc: Total Capacity PI: Power Input

Table 101 - 38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	67.6	1.8	86.6	2.6	100.9	3.1	115.2	3.7	129.5	4.4	139.0	4.8	153.3	5.5
	30	67.6	1.8	86.6	2.6	100.9	3.2	115.2	3.8	129.5	4.4	139.0	4.9	153.3	5.6
	40	67.6	1.9	86.6	2.7	100.9	3.3	115.2	3.9	129.5	4.5	139.0	5.0	153.3	5.7
	50	67.6	2.0	86.6	2.8	100.9	3.4	115.2	4.1	129.5	4.8	139.0	5.2	153.3	6.0
	54	67.6	2.0	86.6	2.9	100.9	3.5	115.2	4.2	129.5	4.9	139.0	5.4	153.3	6.1
	58	67.6	2.1	86.6	3.0	100.9	3.6	115.2	4.3	129.5	5.1	139.0	5.6	153.3	6.4
	62	67.6	2.2	86.6	3.1	100.9	3.8	115.2	4.5	129.5	5.3	139.0	5.8	153.3	6.6
	66	67.6	2.3	86.6	3.2	100.9	3.9	115.2	4.7	129.5	5.5	139.0	6.0	153.3	6.9
	70	67.6	2.4	86.6	3.4	100.9	4.1	115.2	4.9	129.5	5.8	139.0	6.4	153.3	7.2
	72	67.6	2.5	86.6	3.5	100.9	4.2	115.2	5.1	129.5	5.9	139.0	6.5	153.3	7.4
	75	67.6	2.6	86.6	3.6	100.9	4.4	115.2	5.3	129.5	6.2	139.0	6.8	153.3	7.8
	79	67.6	2.7	86.6	3.8	100.9	4.7	115.2	5.6	129.5	6.6	139.0	7.2	153.3	8.3
	83	67.6	2.9	86.6	4.1	100.9	5.0	115.2	6.0	129.5	7.0	139.0	7.7	153.3	8.8
	87	67.6	3.1	86.6	4.4	100.9	5.4	115.2	6.4	129.5	7.5	139.0	8.3	153.3	9.5
	91	67.6	3.4	86.6	4.7	100.9	5.8	115.2	6.9	129.5	8.1	139.0	8.9	153.3	10.2
	93	67.6	3.5	86.6	4.9	100.9	6.0	115.2	7.2	129.5	8.4	139.0	9.3	153.3	10.6
	95	67.6	3.6	86.6	5.1	100.9	6.3	115.2	7.5	129.5	8.7	139.0	9.6	153.3	11.0
	99	67.6	3.9	86.6	5.5	100.9	6.8	115.2	8.1	129.5	9.5	139.0	10.4	153.3	11.9
	103	67.6	4.3	86.6	6.0	100.9	7.3	115.2	8.8	129.5	10.2	139.0	11.3	153.3	12.9
	106	67.6	4.5	86.6	6.3	100.9	7.8	115.2	9.3	129.5	10.9	139.0	12.0	153.3	13.7
	110	67.6	4.9	86.6	6.9	100.9	8.5	115.2	10.1	129.5	11.8	139.0	13.0	153.3	14.8
	115	67.6	5.4	86.6	7.6	100.9	9.4	115.2	11.2	129.5	13.1	139.0	14.4	140.9	14.7
	118	67.6	5.8	86.6	8.1	100.9	10.0	115.2	11.9	121.3	12.8	121.5	12.8	121.9	12.9
	122	67.6	6.3	86.6	8.8	88.4	9.1	88.7	9.1	88.9	9.2	89.1	9.2	89.4	9.2
50	23	56.3	1.4	72.2	2.0	84.1	2.5	96.0	2.9	107.9	3.4	115.8	3.8	127.7	4.3
	30	56.3	1.4	72.2	2.0	84.1	2.5	96.0	3.0	107.9	3.5	115.8	3.8	127.7	4.3
	40	56.3	1.5	72.2	2.1	84.1	2.5	96.0	3.0	107.9	3.6	115.8	3.9	127.7	4.5
	50	56.3	1.5	72.2	2.2	84.1	2.7	96.0	3.2	107.9	3.7	115.8	4.1	127.7	4.7
	54	56.3	1.6	72.2	2.2	84.1	2.7	96.0	3.3	107.9	3.8	115.8	4.2	127.7	4.8
	58	56.3	1.6	72.2	2.3	84.1	2.8	96.0	3.4	107.9	4.0	115.8	4.4	127.7	5.0
	62	56.3	1.7	72.2	2.4	84.1	2.9	96.0	3.5	107.9	4.1	115.8	4.5	127.7	5.2
	66	56.3	1.8	72.2	2.5	84.1	3.1	96.0	3.7	107.9	4.3	115.8	4.7	127.7	5.4
	70	56.3	1.9	72.2	2.6	84.1	3.2	96.0	3.9	107.9	4.5	115.8	5.0	127.7	5.7
	72	56.3	1.9	72.2	2.7	84.1	3.3	96.0	4.0	107.9	4.6	115.8	5.1	127.7	5.8
	75	56.3	2.0	72.2	2.8	84.1	3.5	96.0	4.1	107.9	4.8	115.8	5.3	127.7	6.1
	79	56.3	2.1	72.2	3.0	84.1	3.7	96.0	4.4	107.9	5.2	115.8	5.7	127.7	6.5
	83	56.3	2.3	72.2	3.2	84.1	3.9	96.0	4.7	107.9	5.5	115.8	6.1	127.7	6.9
	87	56.3	2.4	72.2	3.4	84.1	4.2	96.0	5.0	107.9	5.9	115.8	6.5	127.7	7.4
	91	56.3	2.6	72.2	3.7	84.1	4.5	96.0	5.4	107.9	6.3	115.8	7.0	127.7	8.0
	93	56.3	2.7	72.2	3.8	84.1	4.7	96.0	5.6	107.9	6.6	115.8	7.2	127.7	8.3
	95	56.3	2.8	72.2	4.0	84.1	4.9	96.0	5.9	107.9	6.8	115.8	7.5	127.7	8.6
	99	56.3	3.0	72.2	4.3	84.1	5.3	96.0	6.3	107.9	7.4	115.8	8.1	127.7	9.3
	103	56.3	3.3	72.2	4.7	84.1	5.7	96.0	6.9	107.9	8.0	115.8	8.8	127.7	10.1
	106	56.3	3.5	72.2	5.0	84.1	6.1	96.0	7.3	107.9	8.5	115.8	9.4	127.7	10.7
	110	56.3	3.8	72.2	5.4	84.1	6.6	96.0	7.9	107.9	9.3	115.8	10.2	127.7	11.6
	115	56.3	4.2	72.2	6.0	84.1	7.3	96.0	8.8	107.9	10.3	115.8	11.3	127.7	12.9
	118	56.3	4.5	72.2	6.3	84.1	7.8	96.0	9.3	107.9	10.9	115.8	12.0	118.9	12.4
	122	56.3	4.9	72.2	6.9	84.1	8.5	86.5	8.8	86.8	8.9	87.0	8.9	87.2	8.9

Tc: Total Capacity PI: Power Input

Table 102 - 38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	154.9	5.6	198.5	7.9	231.2	9.7	263.9	11.7	296.6	13.8	318.5	15.3	348.8	17.4
	30	154.9	5.7	198.5	8.0	231.2	9.8	263.9	11.8	296.6	14.0	318.5	15.5	341.5	17.1
	40	154.9	5.9	198.5	8.2	231.2	10.1	263.9	12.2	296.6	14.3	318.5	15.9	334.0	17.0
	50	154.9	6.1	198.5	8.6	231.2	10.6	263.9	12.7	296.6	15.0	318.5	16.6	326.0	17.2
	54	154.9	6.3	198.5	8.8	231.2	10.9	263.9	13.1	296.6	15.5	318.5	17.1	322.2	17.4
	58	154.9	6.5	198.5	9.1	231.2	11.3	263.9	13.5	296.6	16.0	317.1	17.6	318.1	17.6
	62	154.9	6.8	198.5	9.5	231.2	11.7	263.9	14.1	296.6	16.6	312.7	17.9	313.6	18.0
	66	154.9	7.1	198.5	9.9	231.2	12.2	263.9	14.7	296.6	17.3	308.0	18.3	308.9	18.4
	70	154.9	7.4	198.5	10.4	231.2	12.8	263.9	15.4	296.6	18.2	303.1	18.8	304.0	18.9
	72	154.9	7.6	198.5	10.7	231.2	13.2	263.9	15.9	296.6	18.7	300.6	19.1	301.5	19.2
	75	154.9	8.0	198.5	11.2	231.2	13.8	263.9	16.6	296.2	19.5	296.8	19.5	297.7	19.6
	79	154.9	8.5	198.5	11.9	231.2	14.6	263.9	17.6	290.9	20.2	291.5	20.2	292.3	20.3
	83	154.9	9.1	198.5	12.7	231.2	15.6	263.9	18.8	285.3	21.0	285.9	21.0	286.7	21.1
	87	154.9	9.7	198.5	13.6	231.2	16.8	263.9	20.1	279.3	21.8	279.8	21.9	280.7	22.0
	91	154.9	10.4	198.5	14.6	231.2	18.0	263.9	21.7	272.5	22.7	273.1	22.7	273.9	22.8
	93	154.9	10.8	198.5	15.2	231.2	18.7	263.9	22.5	268.8	23.1	269.3	23.2	270.1	23.3
	95	154.9	11.3	198.5	15.8	231.2	19.4	263.9	23.4	264.7	23.5	265.3	23.6	266.1	23.7
	99	154.9	12.2	198.5	17.0	231.2	21.0	254.6	24.0	255.4	24.1	255.9	24.2	256.7	24.3
	103	154.9	13.2	198.5	18.5	231.2	22.8	243.1	24.4	243.9	24.5	244.3	24.6	245.1	24.7
	106	154.9	14.0	198.5	19.6	231.2	24.2	232.6	24.4	233.3	24.5	233.8	24.6	234.5	24.7
	110	154.9	15.2	198.5	21.3	214.6	23.7	215.3	23.8	215.9	23.9	216.4	24.0	217.0	24.1
	115	154.9	16.9	185.6	21.6	186.2	21.6	186.7	21.7	187.3	21.8	187.7	21.9	188.2	22.0
	118	154.9	18.0	163.9	19.4	164.4	19.5	164.9	19.5	165.4	19.6	165.7	19.7	166.2	19.8
	122	127.7	15.1	128.2	15.2	128.6	15.2	129.0	15.3	129.4	15.3	129.7	15.4	130.1	15.4
140	23	151.8	5.5	194.6	7.7	226.7	9.5	258.8	11.4	290.8	13.4	312.2	14.8	341.9	16.9
	30	151.8	5.6	194.6	7.8	226.7	9.6	258.8	11.5	290.8	13.6	312.2	15.0	334.7	16.6
	40	151.8	5.7	194.6	8.0	226.7	9.8	258.8	11.8	290.8	13.9	312.2	15.4	327.4	16.5
	50	151.8	6.0	194.6	8.4	226.7	10.3	258.8	12.4	290.8	14.6	312.2	16.2	319.5	16.7
	54	151.8	6.1	194.6	8.6	226.7	10.6	258.8	12.7	290.8	15.0	312.2	16.6	315.8	16.9
	58	151.8	6.3	194.6	8.9	226.7	10.9	258.8	13.2	290.8	15.5	310.8	17.1	311.7	17.1
	62	151.8	6.6	194.6	9.2	226.7	11.4	258.8	13.7	290.8	16.1	306.5	17.4	307.4	17.5
	66	151.8	6.9	194.6	9.6	226.7	11.9	258.8	14.3	290.8	16.9	301.9	17.8	302.8	17.9
	70	151.8	7.2	194.6	10.1	226.7	12.5	258.8	15.0	290.8	17.7	297.1	18.3	298.0	18.3
	72	151.8	7.4	194.6	10.4	226.7	12.8	258.8	15.4	290.8	18.2	294.6	18.5	295.5	18.6
	75	151.8	7.8	194.6	10.9	226.7	13.4	258.8	16.1	290.3	18.9	290.9	19.0	291.7	19.1
	79	151.8	8.3	194.6	11.5	226.7	14.2	258.8	17.1	285.1	19.6	285.7	19.7	286.5	19.8
	83	151.8	8.8	194.6	12.3	226.7	15.2	258.8	18.3	279.6	20.4	280.2	20.4	281.0	20.5
	87	151.8	9.4	194.6	13.2	226.7	16.3	258.8	19.6	273.7	21.2	274.3	21.3	275.1	21.4
	91	151.8	10.2	194.6	14.2	226.7	17.5	258.8	21.1	267.1	22.0	267.6	22.1	268.5	22.2
	93	151.8	10.6	194.6	14.8	226.7	18.2	258.8	21.9	263.4	22.5	264.0	22.5	264.8	22.6
	95	151.8	11.0	194.6	15.3	226.7	18.9	258.7	22.7	259.5	22.8	260.0	22.9	260.8	23.0
	99	151.8	11.9	194.6	16.6	226.7	20.5	249.5	23.4	250.3	23.5	250.8	23.5	251.6	23.6
	103	151.8	12.8	194.6	18.0	226.7	22.2	238.3	23.7	239.0	23.8	239.5	23.9	240.2	24.0
	106	151.8	13.7	194.6	19.1	226.7	23.6	228.0	23.7	228.7	23.8	229.1	23.9	229.8	24.0
	110	151.8	14.8	194.6	20.7	210.3	23.1	211.0	23.2	211.6	23.3	212.0	23.3	212.7	23.4
	115	151.8	16.4	181.9	21.0	182.5	21.1	183.0	21.1	183.6	21.2	183.9	21.3	184.5	21.4
	118	151.8	17.5	160.7	18.9	161.1	18.9	161.6	19.0	162.1	19.1	162.5	19.2	162.9	19.2
	122	125.2	14.7	125.7	14.7	126.1	14.8	126.5	14.9	126.8	14.9	127.1	15.0	127.5	15.0
130	23	148.8	5.3	190.7	7.5	222.2	9.2	253.6	11.1	285.0	13.0	306.0	14.4	335.0	16.4
	30	148.8	5.4	190.7	7.6	222.2	9.3	253.6	11.2	285.0	13.2	306.0	14.6	327.9	16.1
	40	148.8	5.5	190.7	7.8	222.2	9.6	253.6	11.5	285.0	13.5	306.0	15.0	320.7	16.0
	50	148.8	5.8	190.7	8.1	222.2	10.0	253.6	12.1	285.0	14.2	306.0	15.7	313.0	16.2
	54	148.8	6.0	190.7	8.4	222.2	10.3	253.6	12.4	285.0	14.6	306.0	16.2	309.4	16.4
	58	148.8	6.2	190.7	8.6	222.2	10.6	253.6	12.8	285.0	15.1	304.5	16.6	305.4	16.6
	62	148.8	6.4	190.7	9.0	222.2	11.1	253.6	13.3	285.0	15.7	300.2	16.9	301.1	16.9
	66	148.8	6.7	190.7	9.4	222.2	11.6	253.6	13.9	285.0	16.4	295.8	17.3	296.6	17.3
	70	148.8	7.0	190.7	9.9	222.2	12.1	253.6	14.6	285.0	17.2	291.1	17.7	291.9	17.8
	72	148.8	7.2	190.7	10.1	222.2	12.5	253.6	15.0	285.0	17.7	288.7	18.0	289.5	18.1
	75	148.8	7.6	190.7	10.6	222.2	13.0	253.6	15.7	284.4	18.4	285.0	18.4	285.8	18.5
	79	148.8	8.0	190.7	11.2	222.2	13.8	253.6	16.6	279.3	19.1	279.9	19.1	280.7	19.2
	83	148.8	8.6	190.7	12.0	222.2	14.8	253.6	17.8	273.9	19.8	274.5	19.9	275.3	19.9
	87	148.8	9.2	190.7	12.9	222.2	15.9	253.6	19.1	268.2	20.6	268.7	20.7	269.5	20.8
	91	148.8	9.9	190.7	13.8	222.2	17.1	253.6	20.5	261.7	21.4	262.2	21.5	263.0	21.6
	93	148.8	10.3	190.7	14.4	222.2	17.7	253.6	21.3	258.1	21.8	258.6	21.9	259.4	22.0
	95	148.8	10.7	190.7	14.9	222.2	18.4	253.4	22.1	254.2	22.2	254.7	22.2	255.5	22.3
	99	148.8	11.5	190.7	16.1	222.2	19.9	244.5	22.7	245.2	22.8	245.7	22.9	246.5	23.0
	103	148.8	12.5	190.7	17.5	222.2	21.6	233.4	23.1	234.2	23.2	234.6	23.2	235.3	23.3
	106	148.8	13.3	190.7	18.6	222.2	22.9	223.3	23.1	224.0	23.2	224.5	23.2	225.1	23.3
	110	148.8	14.4	190.7	20.2	206.1	22.4	206.7	22.5	207.3	22.6	207.7	22.7	208.4	22.8
	115	148.8	16.0	178.2	20.4	178.8	20.5	179.3	20.6	179.8	20.7	180.2	20.7	180.7	20.8
	118	148.8	17.0	157.4	18.4	157.9	18.4	158.4	18.5	158.8	18.6	159.2	18.6	159.6	18.7
	122	122.6	14.3	123.1	14.3	123.5	14.4	123.9	14.5	124.3	14.5	124.5	14.6	124.9	14.6

Tc: Total Capacity PI: Power Input

Table 103 - 38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	145.8	5.2	186.8	7.3	217.6	8.9	248.4	10.7	279.2	12.7	299.8	14.0	328.0	15.9
	30	145.8	5.3	186.8	7.3	217.6	9.1	248.4	10.9	279.2	12.8	299.8	14.2	321.1	15.6
	40	145.8	5.4	186.8	7.5	217.6	9.3	248.4	11.2	279.2	13.2	299.8	14.6	314.1	15.6
	50	145.8	5.7	186.8	7.9	217.6	9.7	248.4	11.7	279.2	13.8	299.8	15.3	306.5	15.8
	54	145.8	5.8	186.8	8.1	217.6	10.0	248.4	12.0	279.2	14.2	299.8	15.7	303.0	15.9
	58	145.8	6.0	186.8	8.4	217.6	10.4	248.4	12.4	279.2	14.7	298.2	16.1	299.1	16.2
	62	145.8	6.2	186.8	8.7	217.6	10.8	248.4	12.9	279.2	15.2	294.0	16.4	294.9	16.5
	66	145.8	6.5	186.8	9.1	217.6	11.2	248.4	13.5	279.2	15.9	289.6	16.8	290.5	16.8
	70	145.8	6.9	186.8	9.6	217.6	11.8	248.4	14.2	279.2	16.7	285.0	17.2	285.9	17.3
	72	145.8	7.0	186.8	9.8	217.6	12.1	248.4	14.6	279.2	17.2	282.7	17.5	283.5	17.5
	75	145.8	7.4	186.8	10.3	217.6	12.7	248.4	15.2	278.5	17.9	279.1	17.9	279.9	18.0
	79	145.8	7.8	186.8	10.9	217.6	13.5	248.4	16.2	273.5	18.5	274.1	18.6	274.9	18.6
	83	145.8	8.3	186.8	11.7	217.6	14.4	248.4	17.3	268.3	19.2	268.8	19.3	269.6	19.4
	87	145.8	8.9	186.8	12.5	217.6	15.4	248.4	18.5	262.6	20.0	263.1	20.1	263.9	20.1
	91	145.8	9.6	186.8	13.5	217.6	16.6	248.4	19.9	256.3	20.8	256.8	20.9	257.6	20.9
	93	145.8	10.0	186.8	14.0	217.6	17.2	248.4	20.7	252.8	21.2	253.3	21.2	254.0	21.3
	95	145.8	10.4	186.8	14.5	217.6	17.9	248.2	21.5	248.9	21.5	249.4	21.6	250.2	21.7
	99	145.8	11.2	186.8	15.7	217.6	19.3	239.4	22.1	240.1	22.2	240.6	22.2	241.4	22.3
	103	145.8	12.2	186.8	17.0	217.6	21.0	228.6	22.4	229.3	22.5	229.8	22.6	230.5	22.7
	106	145.8	12.9	186.8	18.1	217.6	22.3	218.7	22.4	219.4	22.5	219.8	22.6	220.5	22.7
	110	145.8	14.0	186.8	19.6	201.8	21.8	202.4	21.9	203.0	22.0	203.4	22.0	204.1	22.1
	115	145.8	15.6	174.5	19.8	175.0	19.9	175.6	20.0	176.1	20.1	176.5	20.1	177.0	20.2
	118	145.8	16.6	154.1	17.8	154.6	17.9	155.1	18.0	155.5	18.1	155.9	18.1	156.3	18.2
	122	120.1	13.9	120.6	14.0	121.0	14.0	121.3	14.1	121.7	14.1	121.9	14.2	122.3	14.2
110	23	139.4	4.9	178.7	6.8	208.2	8.4	237.6	10.1	267.1	11.9	286.7	13.1	316.2	15.1
	30	139.4	5.0	178.7	6.9	208.2	8.5	237.6	10.2	267.1	12.0	286.7	13.3	314.3	15.2
	40	139.4	5.1	178.7	7.1	208.2	8.7	237.6	10.5	267.1	12.4	286.7	13.7	307.4	15.1
	50	139.4	5.3	178.7	7.4	208.2	9.2	237.6	11.0	267.1	13.0	286.7	14.3	300.0	15.3
	54	139.4	5.5	178.7	7.7	208.2	9.4	237.6	11.3	267.1	13.3	286.7	14.7	296.6	15.4
	58	139.4	5.7	178.7	7.9	208.2	9.7	237.6	11.7	267.1	13.8	286.7	15.2	292.8	15.7
	62	139.4	5.9	178.7	8.2	208.2	10.1	237.6	12.1	267.1	14.3	286.7	15.8	288.7	16.0
	66	139.4	6.1	178.7	8.6	208.2	10.6	237.6	12.7	267.1	14.9	283.5	16.3	284.4	16.3
	70	139.4	6.5	178.7	9.0	208.2	11.1	237.6	13.3	267.1	15.7	279.0	16.7	279.9	16.8
	72	139.4	6.6	178.7	9.3	208.2	11.4	237.6	13.7	267.1	16.1	276.7	17.0	277.5	17.0
	75	139.4	6.9	178.7	9.7	208.2	11.9	237.6	14.3	267.1	16.8	273.2	17.4	274.0	17.4
	79	139.4	7.4	178.7	10.3	208.2	12.7	237.6	15.2	267.1	17.9	268.3	18.0	269.1	18.1
	83	139.4	7.9	178.7	11.0	208.2	13.5	237.6	16.2	262.6	18.7	263.1	18.7	263.9	18.8
	87	139.4	8.4	178.7	11.8	208.2	14.5	237.6	17.4	257.0	19.4	257.6	19.5	258.3	19.6
	91	139.4	9.1	178.7	12.7	208.2	15.6	237.6	18.7	250.8	20.2	251.3	20.2	252.1	20.3
	93	139.4	9.4	178.7	13.2	208.2	16.2	237.6	19.4	247.4	20.6	247.9	20.6	248.6	20.7
	95	139.4	9.8	178.7	13.7	208.2	16.8	237.6	20.2	243.7	20.9	244.2	21.0	244.9	21.1
	99	139.4	10.6	178.7	14.8	208.2	18.2	234.4	21.4	235.1	21.5	235.5	21.6	236.2	21.7
	103	139.4	11.5	178.7	16.0	208.2	19.7	223.8	21.8	224.5	21.9	224.9	21.9	225.6	22.0
	106	139.4	12.2	178.7	17.0	208.2	20.9	214.1	21.8	214.7	21.9	215.2	21.9	215.8	22.0
	110	139.4	13.2	178.7	18.5	197.5	21.2	198.1	21.3	198.7	21.3	199.1	21.4	199.7	21.5
	115	139.4	14.7	170.8	19.3	171.3	19.3	171.9	19.4	172.4	19.5	172.7	19.6	173.3	19.6
	118	139.4	15.6	150.9	17.3	151.3	17.4	151.8	17.5	152.3	17.6	152.6	17.6	153.0	17.7
	122	117.6	13.5	118.0	13.6	118.4	13.6	118.8	13.7	119.1	13.7	119.4	13.8	119.7	13.8
100	23	126.7	4.3	162.4	6.0	189.2	7.4	216.0	8.9	242.8	10.4	260.6	11.5	287.4	13.2
	30	126.7	4.4	162.4	6.1	189.2	7.5	216.0	9.0	242.8	10.5	260.6	11.6	287.4	13.4
	40	126.7	4.5	162.4	6.2	189.2	7.7	216.0	9.2	242.8	10.8	260.6	11.9	287.4	13.7
	50	126.7	4.7	162.4	6.5	189.2	8.0	216.0	9.6	242.8	11.3	260.6	12.5	287.4	14.4
	54	126.7	4.8	162.4	6.7	189.2	8.3	216.0	9.9	242.8	11.7	260.6	12.9	287.4	14.8
	58	126.7	5.0	162.4	7.0	189.2	8.5	216.0	10.2	242.8	12.0	260.6	13.3	286.4	15.2
	62	126.7	5.2	162.4	7.2	189.2	8.9	216.0	10.6	242.8	12.5	260.6	13.8	282.4	15.5
	66	126.7	5.4	162.4	7.5	189.2	9.3	216.0	11.1	242.8	13.1	260.6	14.4	278.2	15.8
	70	126.7	5.7	162.4	7.9	189.2	9.8	216.0	11.7	242.8	13.7	260.6	15.2	273.8	16.3
	72	126.7	5.8	162.4	8.1	189.2	10.0	216.0	12.0	242.8	14.1	260.6	15.6	271.5	16.5
	75	126.7	6.1	162.4	8.5	189.2	10.5	216.0	12.5	242.8	14.7	260.6	16.3	268.1	16.9
	79	126.7	6.5	162.4	9.0	189.2	11.1	216.0	13.3	242.8	15.7	260.6	17.3	263.3	17.5
	83	126.7	6.9	162.4	9.7	189.2	11.9	216.0	14.2	242.8	16.7	257.4	18.1	258.2	18.2
	87	126.7	7.4	162.4	10.3	189.2	12.7	216.0	15.3	242.8	17.9	252.0	18.9	252.8	19.0
	91	126.7	8.0	162.4	11.1	189.2	13.7	216.0	16.4	242.8	19.3	245.9	19.6	246.7	19.7
	93	126.7	8.3	162.4	11.6	189.2	14.2	216.0	17.0	242.1	19.9	242.5	20.0	243.3	20.1
	95	126.7	8.6	162.4	12.0	189.2	14.8	216.0	17.7	238.4	20.3	238.9	20.3	239.6	20.4
	99	126.7	9.3	162.4	13.0	189.2	16.0	216.0	19.1	230.0	20.9	230.4	20.9	231.1	21.0
	103	126.7	10.1	162.4	14.1	189.2	17.3	216.0	20.7	219.6	21.2	220.0	21.3	220.7	21.4
	106	126.7	10.7	162.4	15.0	189.2	18.4	209.5	21.1	210.1	21.2	210.5	21.3	211.2	21.4
	110	126.7	11.6	162.4	16.2	189.2	20.0	193.9	20.6	194.4	20.7	194.8	20.8	195.4	20.9
	115	126.7	12.9	162.4	18.0	167.6	18.8	168.2	18.9	168.7	18.9	169.0	19.0	169.5	19.1
	118	126.7	13.7	147.6	16.8	148.1	16.9	148.5	17.0	149.0	17.0	149.3	17.1	149.7	17.2
	122	115.0	13.1	115.5	13.2	115.8	13.2	116.2	13.3	116.5	13.3	116.8	13.4	117.1	13.4

Tc: Total Capacity PI: Power Input

Table 104 - 38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	114.1	3.7	146.2	5.2	170.3	6.4	194.4	7.7	218.5	9.0	234.6	9.9	258.7	11.4
	30	114.1	3.8	146.2	5.3	170.3	6.5	194.4	7.8	218.5	9.1	234.6	10.0	258.7	11.5
	40	114.1	3.9	146.2	5.4	170.3	6.7	194.4	8.0	218.5	9.3	234.6	10.3	258.7	11.8
	50	114.1	4.1	146.2	5.7	170.3	7.0	194.4	8.4	218.5	9.8	234.6	10.8	258.7	12.4
	54	114.1	4.2	146.2	5.8	170.3	7.2	194.4	8.6	218.5	10.1	234.6	11.1	258.7	12.7
	58	114.1	4.3	146.2	6.0	170.3	7.4	194.4	8.9	218.5	10.4	234.6	11.5	258.7	13.2
	62	114.1	4.5	146.2	6.3	170.3	7.7	194.4	9.2	218.5	10.8	234.6	11.9	258.7	13.7
	66	114.1	4.7	146.2	6.6	170.3	8.0	194.4	9.6	218.5	11.3	234.6	12.5	258.7	14.3
	70	114.1	4.9	146.2	6.9	170.3	8.5	194.4	10.1	218.5	11.9	234.6	13.1	258.7	15.0
	72	114.1	5.1	146.2	7.1	170.3	8.7	194.4	10.4	218.5	12.2	234.6	13.5	258.7	15.4
	75	114.1	5.3	146.2	7.4	170.3	9.1	194.4	10.8	218.5	12.7	234.6	14.0	258.7	16.1
	79	114.1	5.6	146.2	7.8	170.3	9.6	194.4	11.5	218.5	13.5	234.6	14.9	257.5	17.0
	83	114.1	6.0	146.2	8.4	170.3	10.3	194.4	12.3	218.5	14.5	234.6	15.9	252.5	17.7
	87	114.1	6.4	146.2	9.0	170.3	11.0	194.4	13.2	218.5	15.5	234.6	17.1	247.2	18.4
	91	114.1	6.9	146.2	9.7	170.3	11.9	194.4	14.2	218.5	16.7	234.6	18.4	241.2	19.1
	93	114.1	7.2	146.2	10.0	170.3	12.3	194.4	14.7	218.5	17.3	234.6	19.1	237.9	19.5
	95	114.1	7.5	146.2	10.4	170.3	12.8	194.4	15.3	218.5	18.0	233.6	19.7	234.3	19.8
	99	114.1	8.1	146.2	11.3	170.3	13.8	194.4	16.6	218.5	19.4	225.4	20.3	226.0	20.4
	103	114.1	8.8	146.2	12.2	170.3	15.0	194.4	17.9	214.8	20.6	215.2	20.6	215.8	20.7
	106	114.1	9.3	146.2	13.0	170.3	15.9	194.4	19.1	205.5	20.6	205.9	20.6	206.5	20.7
	110	114.1	10.1	146.2	14.1	170.3	17.3	189.6	20.0	190.2	20.1	190.5	20.1	191.1	20.2
	115	114.1	11.2	146.2	15.6	163.9	18.2	164.4	18.3	164.9	18.4	165.3	18.4	165.8	18.5
	118	114.1	11.9	144.4	16.3	144.8	16.4	145.2	16.5	145.7	16.5	146.0	16.6	146.4	16.7
	122	112.5	12.7	112.9	12.8	113.3	12.8	113.6	12.9	114.0	12.9	114.2	13.0	114.5	13.0
80	23	101.4	3.2	130.0	4.5	151.4	5.5	172.8	6.5	194.2	7.7	208.5	8.4	229.9	9.7
	30	101.4	3.2	130.0	4.5	151.4	5.5	172.8	6.6	194.2	7.7	208.5	8.5	229.9	9.8
	40	101.4	3.3	130.0	4.6	151.4	5.7	172.8	6.8	194.2	8.0	208.5	8.8	229.9	10.0
	50	101.4	3.5	130.0	4.9	151.4	6.0	172.8	7.1	194.2	8.3	208.5	9.2	229.9	10.5
	54	101.4	3.6	130.0	5.0	151.4	6.1	172.8	7.3	194.2	8.6	208.5	9.4	229.9	10.8
	58	101.4	3.7	130.0	5.2	151.4	6.3	172.8	7.6	194.2	8.9	208.5	9.8	229.9	11.2
	62	101.4	3.8	130.0	5.4	151.4	6.6	172.8	7.9	194.2	9.2	208.5	10.1	229.9	11.6
	66	101.4	4.0	130.0	5.6	151.4	6.9	172.8	8.2	194.2	9.6	208.5	10.6	229.9	12.1
	70	101.4	4.2	130.0	5.9	151.4	7.2	172.8	8.6	194.2	10.1	208.5	11.1	229.9	12.7
	72	101.4	4.3	130.0	6.0	151.4	7.4	172.8	8.9	194.2	10.4	208.5	11.4	229.9	13.1
	75	101.4	4.5	130.0	6.3	151.4	7.7	172.8	9.2	194.2	10.8	208.5	11.9	229.9	13.7
	79	101.4	4.8	130.0	6.7	151.4	8.2	172.8	9.8	194.2	11.5	208.5	12.7	229.9	14.5
	83	101.4	5.1	130.0	7.2	151.4	8.8	172.8	10.5	194.2	12.3	208.5	13.6	229.9	15.5
	87	101.4	5.5	130.0	7.7	151.4	9.4	172.8	11.2	194.2	13.2	208.5	14.5	229.9	16.6
	91	101.4	5.9	130.0	8.3	151.4	10.1	172.8	12.1	194.2	14.2	208.5	15.6	229.9	17.9
	93	101.4	6.1	130.0	8.6	151.4	10.5	172.8	12.6	194.2	14.7	208.5	16.2	229.9	18.6
	95	101.4	6.4	130.0	8.9	151.4	10.9	172.8	13.1	194.2	15.3	208.5	16.9	229.0	19.2
	99	101.4	6.9	130.0	9.6	151.4	11.8	172.8	14.1	194.2	16.5	208.5	18.2	220.9	19.7
	103	101.4	7.5	130.0	10.4	151.4	12.8	172.8	15.3	194.2	17.9	208.5	19.8	211.0	20.1
	106	101.4	7.9	130.0	11.1	151.4	13.6	172.8	16.3	194.2	19.1	201.2	20.0	201.8	20.1
	110	101.4	8.6	130.0	12.0	151.4	14.8	172.8	17.6	185.9	19.5	186.2	19.5	186.8	19.6
	115	101.4	9.6	130.0	13.3	151.4	16.4	160.7	17.7	161.2	17.8	161.5	17.9	162.0	17.9
	118	101.4	10.2	130.0	14.2	141.5	15.9	142.0	16.0	142.4	16.0	142.7	16.1	143.1	16.2
	122	101.4	11.1	110.4	12.4	110.7	12.4	111.1	12.5	111.4	12.5	111.6	12.6	112.0	12.6
70	23	88.7	2.7	113.7	3.7	132.5	4.6	151.2	5.5	169.9	6.4	182.4	7.0	201.2	8.0
	30	88.7	2.7	113.7	3.8	132.5	4.6	151.2	5.5	169.9	6.5	182.4	7.1	201.2	8.1
	40	88.7	2.8	113.7	3.9	132.5	4.7	151.2	5.7	169.9	6.6	182.4	7.3	201.2	8.3
	50	88.7	2.9	113.7	4.1	132.5	5.0	151.2	5.9	169.9	7.0	182.4	7.7	201.2	8.8
	54	88.7	3.0	113.7	4.2	132.5	5.1	151.2	6.1	169.9	7.2	182.4	7.9	201.2	9.0
	58	88.7	3.1	113.7	4.3	132.5	5.3	151.2	6.3	169.9	7.4	182.4	8.1	201.2	9.3
	62	88.7	3.2	113.7	4.5	132.5	5.5	151.2	6.6	169.9	7.7	182.4	8.5	201.2	9.7
	66	88.7	3.3	113.7	4.7	132.5	5.7	151.2	6.9	169.9	8.0	182.4	8.8	201.2	10.1
	70	88.7	3.5	113.7	4.9	132.5	6.0	151.2	7.2	169.9	8.4	182.4	9.3	201.2	10.6
	72	88.7	3.6	113.7	5.0	132.5	6.2	151.2	7.4	169.9	8.7	182.4	9.5	201.2	10.9
	75	88.7	3.8	113.7	5.3	132.5	6.5	151.2	7.7	169.9	9.0	182.4	9.9	201.2	11.4
	79	88.7	4.0	113.7	5.6	132.5	6.9	151.2	8.2	169.9	9.6	182.4	10.6	201.2	12.1
	83	88.7	4.3	113.7	6.0	132.5	7.3	151.2	8.8	169.9	10.3	182.4	11.3	201.2	12.9
	87	88.7	4.6	113.7	6.4	132.5	7.9	151.2	9.4	169.9	11.0	182.4	12.1	201.2	13.8
	91	88.7	4.9	113.7	6.9	132.5	8.5	151.2	10.1	169.9	11.8	182.4	13.0	201.2	14.9
	93	88.7	5.1	113.7	7.2	132.5	8.8	151.2	10.5	169.9	12.3	182.4	13.5	201.2	15.5
	95	88.7	5.3	113.7	7.4	132.5	9.1	151.2	10.9	169.9	12.8	182.4	14.1	201.2	16.1
	99	88.7	5.8	113.7	8.0	132.5	9.9	151.2	11.8	169.9	13.8	182.4	15.2	201.2	17.4
	103	88.7	6.2	113.7	8.7	132.5	10.7	151.2	12.8	169.9	15.0	182.4	16.5	201.2	18.8
	106	88.7	6.6	113.7	9.3	132.5	11.4	151.2	13.6	169.9	15.9	182.4	17.5	197.2	19.4
	110	88.7	7.2	113.7	10.1	132.5	12.3	151.2	14.7	169.9	17.3	181.9	18.9	182.5	19.0
	115	88.7	8.0	113.7	11.2	132.5	13.7	151.2	16.3	157.5	17.3	157.8	17.3	158.3	17.4
	118	88.7	8.5	113.7	11.9	132.5	14.6	138.7	15.5	139.1	15.5	139.4	15.6	139.8	15.7
	122	88.7	9.2	107.8	12.0	108.2	12.1	108.5	12.1	108.8	12.2	109.0	12.2	109.4	12.2

Tc: Total Capacity PI: Power Input

Table 105 - 38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	76.0	2.2	97.5	3.0	113.5	3.7	129.6	4.4	145.7	5.2	156.4	5.7	172.4	6.5
	30	76.0	2.2	97.5	3.1	113.5	3.8	129.6	4.5	145.7	5.3	156.4	5.8	172.4	6.6
	40	76.0	2.2	97.5	3.1	113.5	3.9	129.6	4.6	145.7	5.4	156.4	5.9	172.4	6.8
	50	76.0	2.3	97.5	3.3	113.5	4.0	129.6	4.8	145.7	5.7	156.4	6.2	172.4	7.1
	54	76.0	2.4	97.5	3.4	113.5	4.2	129.6	5.0	145.7	5.8	156.4	6.4	172.4	7.3
	58	76.0	2.5	97.5	3.5	113.5	4.3	129.6	5.1	145.7	6.0	156.4	6.6	172.4	7.5
	62	76.0	2.6	97.5	3.6	113.5	4.5	129.6	5.3	145.7	6.2	156.4	6.9	172.4	7.8
	66	76.0	2.7	97.5	3.8	113.5	4.7	129.6	5.6	145.7	6.5	156.4	7.2	172.4	8.2
	70	76.0	2.8	97.5	4.0	113.5	4.9	129.6	5.9	145.7	6.8	156.4	7.5	172.4	8.6
	72	76.0	2.9	97.5	4.1	113.5	5.0	129.6	6.0	145.7	7.0	156.4	7.7	172.4	8.8
	75	76.0	3.1	97.5	4.3	113.5	5.3	129.6	6.3	145.7	7.3	156.4	8.1	172.4	9.2
	79	76.0	3.2	97.5	4.6	113.5	5.6	129.6	6.7	145.7	7.8	156.4	8.6	172.4	9.8
	83	76.0	3.5	97.5	4.9	113.5	6.0	129.6	7.1	145.7	8.3	156.4	9.2	172.4	10.5
	87	76.0	3.7	97.5	5.2	113.5	6.4	129.6	7.6	145.7	8.9	156.4	9.8	172.4	11.2
	91	76.0	4.0	97.5	5.6	113.5	6.9	129.6	8.2	145.7	9.6	156.4	10.6	172.4	12.1
	93	76.0	4.1	97.5	5.8	113.5	7.1	129.6	8.5	145.7	10.0	156.4	11.0	172.4	12.5
	95	76.0	4.3	97.5	6.1	113.5	7.4	129.6	8.9	145.7	10.4	156.4	11.4	172.4	13.0
	99	76.0	4.7	97.5	6.5	113.5	8.0	129.6	9.6	145.7	11.2	156.4	12.3	172.4	14.1
	103	76.0	5.1	97.5	7.1	113.5	8.7	129.6	10.4	145.7	12.2	156.4	13.4	172.4	15.3
	106	76.0	5.4	97.5	7.5	113.5	9.2	129.6	11.0	145.7	12.9	156.4	14.2	172.4	16.2
	110	76.0	5.8	97.5	8.2	113.5	10.0	129.6	12.0	145.7	14.0	156.4	15.4	172.4	17.6
	115	76.0	6.5	97.5	9.1	113.5	11.1	129.6	13.3	145.7	15.5	154.1	16.8	154.5	16.8
	118	76.0	6.9	97.5	9.6	113.5	11.8	129.6	14.1	135.8	15.1	136.1	15.1	136.5	15.2
	122	76.0	7.5	97.5	10.5	105.6	11.7	105.9	11.7	106.3	11.8	106.5	11.8	106.8	11.9
50	23	63.4	1.7	81.2	2.4	94.6	2.9	108.0	3.5	121.4	4.1	130.3	4.5	143.7	5.1
	30	63.4	1.7	81.2	2.4	94.6	2.9	108.0	3.5	121.4	4.1	130.3	4.5	143.7	5.2
	40	63.4	1.7	81.2	2.5	94.6	3.0	108.0	3.6	121.4	4.2	130.3	4.6	143.7	5.3
	50	63.4	1.8	81.2	2.6	94.6	3.2	108.0	3.8	121.4	4.4	130.3	4.9	143.7	5.6
	54	63.4	1.9	81.2	2.6	94.6	3.3	108.0	3.9	121.4	4.6	130.3	5.0	143.7	5.7
	58	63.4	1.9	81.2	2.7	94.6	3.4	108.0	4.0	121.4	4.7	130.3	5.2	143.7	5.9
	62	63.4	2.0	81.2	2.8	94.6	3.5	108.0	4.2	121.4	4.9	130.3	5.4	143.7	6.1
	66	63.4	2.1	81.2	3.0	94.6	3.7	108.0	4.4	121.4	5.1	130.3	5.6	143.7	6.4
	70	63.4	2.2	81.2	3.1	94.6	3.8	108.0	4.6	121.4	5.4	130.3	5.9	143.7	6.7
	72	63.4	2.3	81.2	3.2	94.6	3.9	108.0	4.7	121.4	5.5	130.3	6.1	143.7	6.9
	75	63.4	2.4	81.2	3.3	94.6	4.1	108.0	4.9	121.4	5.8	130.3	6.3	143.7	7.2
	79	63.4	2.5	81.2	3.6	94.6	4.4	108.0	5.2	121.4	6.1	130.3	6.7	143.7	7.7
	83	63.4	2.7	81.2	3.8	94.6	4.7	108.0	5.6	121.4	6.5	130.3	7.2	143.7	8.2
	87	63.4	2.9	81.2	4.1	94.6	5.0	108.0	6.0	121.4	7.0	130.3	7.7	143.7	8.8
	91	63.4	3.1	81.2	4.4	94.6	5.4	108.0	6.4	121.4	7.5	130.3	8.3	143.7	9.4
	93	63.4	3.2	81.2	4.5	94.6	5.6	108.0	6.7	121.4	7.8	130.3	8.6	143.7	9.8
	95	63.4	3.3	81.2	4.7	94.6	5.8	108.0	6.9	121.4	8.1	130.3	8.9	143.7	10.2
	99	63.4	3.6	81.2	5.1	94.6	6.3	108.0	7.5	121.4	8.8	130.3	9.7	143.7	11.0
	103	63.4	3.9	81.2	5.5	94.6	6.8	108.0	8.1	121.4	9.5	130.3	10.5	143.7	11.9
	106	63.4	4.2	81.2	5.9	94.6	7.2	108.0	8.6	121.4	10.1	130.3	11.1	143.7	12.7
	110	63.4	4.5	81.2	6.4	94.6	7.9	108.0	9.4	121.4	11.0	130.3	12.1	143.7	13.8
	115	63.4	5.0	81.2	7.1	94.6	8.7	108.0	10.4	121.4	12.2	130.3	13.4	143.7	15.3
	118	63.4	5.3	81.2	7.5	94.6	9.3	108.0	11.1	121.4	13.0	130.3	14.2	133.2	14.7
	122	63.4	5.8	81.2	8.2	94.6	10.1	103.4	11.3	103.7	11.4	103.9	11.4	104.2	11.5

Tc: Total Capacity PI: Power Input

Table 106 - 38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	173.5	6.4	222.4	9.0	259.0	11.1	295.7	13.3	332.3	15.8	356.7	17.4	357.8	17.5
	30	173.5	6.5	222.4	9.1	259.0	11.2	295.7	13.5	332.3	15.9	349.2	17.1	350.2	17.2
	40	173.5	6.7	222.4	9.3	259.0	11.5	295.7	13.9	332.3	16.4	341.5	17.0	342.6	17.1
	50	173.5	7.0	222.4	9.8	259.0	12.1	295.7	14.5	332.3	17.2	333.3	17.2	334.3	17.3
	54	173.5	7.2	222.4	10.1	259.0	12.4	295.7	14.9	328.8	17.4	329.5	17.4	330.4	17.5
	58	173.5	7.4	222.4	10.4	259.0	12.8	295.7	15.4	324.6	17.6	325.2	17.7	326.2	17.7
	62	173.5	7.7	222.4	10.8	259.0	13.3	295.7	16.0	320.1	17.9	320.7	18.0	321.7	18.1
	66	173.5	8.1	222.4	11.3	259.0	13.9	295.7	16.8	315.3	18.4	315.9	18.4	316.9	18.5
	70	173.5	8.5	222.4	11.9	259.0	14.7	295.7	17.6	310.3	18.9	310.9	18.9	311.8	19.0
	72	173.5	8.7	222.4	12.2	259.0	15.0	295.7	18.1	307.7	19.1	308.3	19.2	309.3	19.3
	75	173.5	9.1	222.4	12.7	259.0	15.7	295.7	18.9	303.8	19.6	304.4	19.7	305.3	19.8
	79	173.5	9.7	222.4	13.5	259.0	16.7	295.7	20.1	298.3	20.3	298.9	20.4	299.8	20.5
	83	173.5	10.3	222.4	14.5	259.0	17.8	291.7	21.0	292.6	21.1	293.2	21.2	294.1	21.3
	87	173.5	11.1	222.4	15.5	259.0	19.1	285.6	21.9	286.4	22.0	287.0	22.1	287.9	22.1
	91	173.5	11.9	222.4	16.7	259.0	20.6	278.7	22.8	279.5	22.9	280.1	22.9	280.9	23.0
	93	173.5	12.4	222.4	17.3	259.0	21.4	274.8	23.2	275.7	23.3	276.2	23.4	277.1	23.5
	95	173.5	12.8	222.4	18.0	259.0	22.2	270.7	23.6	271.5	23.7	272.1	23.8	272.9	23.9
	99	173.5	13.9	222.4	19.4	259.0	24.0	261.1	24.3	261.9	24.4	262.5	24.4	263.3	24.5
	103	173.5	15.0	222.4	21.1	248.6	24.6	249.3	24.7	250.1	24.8	250.6	24.8	251.4	24.9
	106	173.5	16.0	222.4	22.4	237.8	24.6	238.6	24.7	239.3	24.8	239.8	24.8	240.5	24.9
	110	173.5	17.4	219.4	23.9	220.1	24.0	220.8	24.1	221.5	24.2	221.9	24.2	222.6	24.3
	115	173.5	19.3	190.3	21.8	190.9	21.9	191.5	22.0	192.1	22.1	192.5	22.1	193.1	22.2
	118	167.4	19.5	168.1	19.6	168.6	19.7	169.1	19.8	169.7	19.9	170.0	19.9	170.5	20.0
	122	131.0	15.3	131.5	15.4	131.9	15.4	132.3	15.5	132.7	15.5	133.0	15.6	133.4	15.6
140	23	169.8	6.2	217.6	8.7	253.5	10.8	289.3	12.9	325.2	15.3	349.1	16.9	350.7	17.0
	30	169.8	6.3	217.6	8.8	253.5	10.9	289.3	13.1	325.2	15.5	342.2	16.6	343.3	16.7
	40	169.8	6.5	217.6	9.1	253.5	11.2	289.3	13.5	325.2	15.9	334.7	16.5	335.8	16.6
	50	169.8	6.8	217.6	9.5	253.5	11.7	289.3	14.1	325.2	16.6	326.7	16.7	327.7	16.8
	54	169.8	7.0	217.6	9.8	253.5	12.1	289.3	14.5	322.3	16.9	322.9	16.9	323.9	17.0
	58	169.8	7.2	217.6	10.1	253.5	12.5	289.3	15.0	318.1	17.1	318.8	17.2	319.7	17.2
	62	169.8	7.5	217.6	10.5	253.5	12.9	289.3	15.6	313.7	17.4	314.3	17.5	315.3	17.6
	66	169.8	7.8	217.6	11.0	253.5	13.5	289.3	16.3	309.0	17.8	309.6	17.9	310.6	18.0
	70	169.8	8.2	217.6	11.5	253.5	14.2	289.3	17.1	304.1	18.3	304.7	18.4	305.6	18.5
	72	169.8	8.5	217.6	11.8	253.5	14.6	289.3	17.6	301.6	18.6	302.2	18.7	303.1	18.7
	75	169.8	8.8	217.6	12.4	253.5	15.2	289.3	18.3	297.7	19.1	298.3	19.1	299.2	19.2
	79	169.8	9.4	217.6	13.1	253.5	16.2	289.3	19.5	292.4	19.8	293.0	19.8	293.9	19.9
	83	169.8	10.0	217.6	14.0	253.5	17.3	285.9	20.5	286.8	20.5	287.4	20.6	288.2	20.7
	87	169.8	10.8	217.6	15.0	253.5	18.6	279.9	21.3	280.7	21.4	281.3	21.4	282.1	21.5
	91	169.8	11.6	217.6	16.2	253.5	20.0	273.1	22.1	274.0	22.2	274.5	22.3	275.3	22.4
	93	169.8	12.0	217.6	16.8	253.5	20.7	269.4	22.5	270.2	22.6	270.7	22.7	271.6	22.8
	95	169.8	12.5	217.6	17.5	253.5	21.5	265.3	22.9	266.1	23.0	266.7	23.1	267.5	23.2
	99	169.8	13.5	217.6	18.9	253.5	23.3	255.9	23.6	256.7	23.7	257.2	23.8	258.0	23.9
	103	169.8	14.6	217.6	20.5	243.6	23.9	244.4	24.0	245.1	24.1	245.6	24.1	246.4	24.2
	106	169.8	15.5	217.6	21.7	233.1	23.9	233.8	24.0	234.5	24.1	235.0	24.1	235.7	24.2
	110	169.8	16.9	215.1	23.2	215.7	23.3	216.4	23.4	217.1	23.5	217.5	23.6	218.1	23.7
	115	169.8	18.7	186.6	21.2	187.1	21.3	187.7	21.4	188.3	21.5	188.6	21.6	189.2	21.6
	118	164.1	19.0	164.8	19.1	165.3	19.2	165.8	19.3	166.3	19.3	166.6	19.4	167.1	19.5
	122	128.4	14.9	128.9	14.9	129.3	15.0	129.7	15.1	130.1	15.1	130.4	15.2	130.8	15.2
130	23	166.1	6.1	212.8	8.5	247.9	10.4	283.0	12.6	318.1	14.8	341.5	16.4	343.5	16.5
	30	166.1	6.1	212.8	8.6	247.9	10.6	283.0	12.7	318.1	15.0	335.3	16.1	336.3	16.2
	40	166.1	6.3	212.8	8.8	247.9	10.9	283.0	13.0	318.1	15.4	328.0	16.1	328.9	16.1
	50	166.1	6.6	212.8	9.2	247.9	11.4	283.0	13.7	318.1	16.1	320.1	16.3	321.0	16.3
	54	166.1	6.8	212.8	9.5	247.9	11.7	283.0	14.1	315.7	16.4	316.4	16.4	317.3	16.5
	58	166.1	7.0	212.8	9.8	247.9	12.1	283.0	14.5	311.7	16.6	312.3	16.7	313.2	16.8
	62	166.1	7.3	212.8	10.2	247.9	12.6	283.0	15.1	307.3	16.9	307.9	17.0	308.9	17.1
	66	166.1	7.6	212.8	10.6	247.9	13.1	283.0	15.8	302.7	17.3	303.3	17.4	304.3	17.5
	70	166.1	8.0	212.8	11.2	247.9	13.8	283.0	16.6	297.9	17.8	298.5	17.9	299.4	17.9
	72	166.1	8.2	212.8	11.5	247.9	14.2	283.0	17.0	295.5	18.1	296.1	18.1	297.0	18.2
	75	166.1	8.6	212.8	12.0	247.9	14.8	283.0	17.8	291.7	18.5	292.3	18.6	293.2	18.7
	79	166.1	9.1	212.8	12.7	247.9	15.7	283.0	18.9	286.5	19.2	287.0	19.3	287.9	19.3
	83	166.1	9.7	212.8	13.6	247.9	16.8	280.1	19.9	281.0	20.0	281.5	20.0	282.4	20.1
	87	166.1	10.4	212.8	14.6	247.9	18.0	274.2	20.7	275.0	20.8	275.6	20.8	276.4	20.9
	91	166.1	11.2	212.8	15.7	247.9	19.4	267.6	21.5	268.4	21.6	268.9	21.7	269.7	21.8
	93	166.1	11.7	212.8	16.3	247.9	20.1	263.9	21.9	264.7	22.0	265.2	22.1	266.0	22.2
	95	166.1	12.1	212.8	16.9	247.9	20.9	259.9	22.3	260.7	22.4	261.2	22.4	262.0	22.5
	99	166.1	13.1	212.8	18.3	247.9	22.6	250.8	22.9	251.5	23.0	252.0	23.1	252.8	23.2
	103	166.1	14.2	212.8	19.8	238.7	23.2	239.4	23.3	240.2	23.4	240.6	23.5	241.4	23.6
	106	166.1	15.1	212.8	21.1	228.4	23.2	229.1	23.3	229.8	23.4	230.2	23.5	230.9	23.6
	110	166.1	16.4	210.7	22.6	211.4	22.7	212.0	22.8	212.6	22.9	213.1	22.9	213.7	23.0
	115	166.1	18.2	182.8	20.7	183.3	20.7	183.9	20.8	184.4	20.9	184.8	21.0	185.4	21.0
	118	160.8	18.5	161.4	18.6	161.9	18.7	162.4	18.7	162.9	18.8	163.2	18.9	163.7	19.0
	122	125.8	14.5	126.3	14.5	126.7	14.6	127.1	14.7	127.5	14.7	127.7	14.8	128.1	14.8

Tc: Total Capacity PI: Power Input

Table 107 - 38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	162.4	5.9	208.1	8.2	242.4	10.1	276.7	12.2	311.0	14.3	333.8	15.9	336.4	16.0
	30	162.4	5.9	208.1	8.3	242.4	10.2	276.7	12.3	311.0	14.5	328.3	15.7	329.3	15.7
	40	162.4	6.1	208.1	8.5	242.4	10.5	276.7	12.6	311.0	14.9	321.2	15.6	322.1	15.7
	50	162.4	6.4	208.1	9.0	242.4	11.0	276.7	13.3	311.0	15.6	313.4	15.8	314.4	15.9
	54	162.4	6.6	208.1	9.2	242.4	11.3	276.7	13.6	309.2	15.9	309.8	16.0	310.7	16.0
	58	162.4	6.8	208.1	9.5	242.4	11.7	276.7	14.1	305.2	16.2	305.8	16.2	306.7	16.3
	62	162.4	7.1	208.1	9.9	242.4	12.2	276.7	14.6	301.0	16.5	301.6	16.5	302.5	16.6
	66	162.4	7.4	208.1	10.3	242.4	12.7	276.7	15.3	296.5	16.8	297.1	16.9	298.0	17.0
	70	162.4	7.8	208.1	10.8	242.4	13.4	276.7	16.1	291.8	17.3	292.3	17.3	293.2	17.4
	72	162.4	8.0	208.1	11.1	242.4	13.7	276.7	16.5	289.3	17.6	289.9	17.6	290.8	17.7
	75	162.4	8.3	208.1	11.6	242.4	14.3	276.7	17.2	285.6	18.0	286.2	18.0	287.1	18.1
	79	162.4	8.8	208.1	12.4	242.4	15.2	276.7	18.3	280.5	18.7	281.1	18.7	281.9	18.8
	83	162.4	9.4	208.1	13.2	242.4	16.3	274.3	19.3	275.1	19.4	275.7	19.4	276.5	19.5
	87	162.4	10.1	208.1	14.2	242.4	17.4	268.5	20.1	269.3	20.2	269.9	20.2	270.7	20.3
	91	162.4	10.9	208.1	15.2	242.4	18.8	262.0	20.9	262.8	21.0	263.4	21.0	264.2	21.1
	93	162.4	11.3	208.1	15.8	242.4	19.5	258.4	21.3	259.2	21.4	259.8	21.4	260.5	21.5
	95	162.4	11.8	208.1	16.4	242.4	20.2	254.5	21.7	255.3	21.7	255.8	21.8	256.6	21.9
	99	162.4	12.7	208.1	17.8	242.4	21.9	245.6	22.3	246.3	22.4	246.8	22.4	247.5	22.5
	103	162.4	13.8	208.1	19.2	233.8	22.6	234.5	22.7	235.2	22.7	235.7	22.8	236.4	22.9
	106	162.4	14.6	208.1	20.5	223.6	22.6	224.3	22.7	225.0	22.8	225.5	22.8	226.1	22.9
	110	162.4	15.9	206.4	21.9	207.0	22.0	207.6	22.1	208.2	22.2	208.7	22.3	209.3	22.4
	115	162.4	17.6	179.0	20.1	179.5	20.2	180.1	20.2	180.6	20.3	181.0	20.4	181.5	20.5
	118	157.4	18.0	158.1	18.1	158.6	18.2	159.1	18.2	159.5	18.3	159.9	18.4	160.3	18.4
	122	123.2	14.1	123.7	14.1	124.1	14.2	124.4	14.3	124.8	14.3	125.1	14.3	125.4	14.4
110	23	154.9	5.5	198.5	7.7	231.3	9.5	264.0	11.4	296.7	13.4	318.6	14.8	329.3	15.5
	30	154.9	5.6	198.5	7.8	231.3	9.6	264.0	11.5	296.7	13.6	318.6	15.0	322.4	15.3
	40	154.9	5.7	198.5	8.0	231.3	9.9	264.0	11.8	296.7	13.9	314.4	15.1	315.3	15.2
	50	154.9	6.0	198.5	8.4	231.3	10.3	264.0	12.4	296.7	14.6	306.8	15.3	307.7	15.4
	54	154.9	6.2	198.5	8.6	231.3	10.6	264.0	12.8	296.7	15.0	303.2	15.5	304.2	15.6
	58	154.9	6.4	198.5	8.9	231.3	11.0	264.0	13.2	296.7	15.5	299.4	15.7	300.3	15.8
	62	154.9	6.6	198.5	9.3	231.3	11.4	264.0	13.7	294.6	16.0	295.2	16.0	296.1	16.1
	66	154.9	6.9	198.5	9.7	231.3	11.9	264.0	14.3	290.2	16.3	290.8	16.4	291.6	16.4
	70	154.9	7.3	198.5	10.2	231.3	12.5	264.0	15.0	285.6	16.8	286.2	16.8	287.0	16.9
	72	154.9	7.5	198.5	10.5	231.3	12.9	264.0	15.5	283.2	17.0	283.8	17.1	284.7	17.2
	75	154.9	7.8	198.5	10.9	231.3	13.4	264.0	16.1	279.6	17.5	280.2	17.5	281.0	17.6
	79	154.9	8.3	198.5	11.6	231.3	14.3	264.0	17.1	274.6	18.1	275.2	18.2	276.0	18.2
	83	154.9	8.9	198.5	12.4	231.3	15.3	264.0	18.3	269.3	18.8	269.9	18.9	270.7	19.0
	87	154.9	9.5	198.5	13.3	231.3	16.4	262.8	19.5	263.6	19.6	264.2	19.6	265.0	19.7
	91	154.9	10.2	198.5	14.3	231.3	17.6	256.5	20.3	257.3	20.4	257.8	20.4	258.6	20.5
	93	154.9	10.6	198.5	14.8	231.3	18.3	253.0	20.7	253.7	20.8	254.3	20.8	255.0	20.9
	95	154.9	11.0	198.5	15.4	231.3	19.0	249.2	21.0	249.9	21.1	250.4	21.2	251.2	21.3
	99	154.9	11.9	198.5	16.7	231.3	20.5	240.4	21.6	241.1	21.7	241.6	21.8	242.3	21.9
	103	154.9	12.9	198.5	18.1	228.8	21.9	229.5	22.0	230.2	22.1	230.7	22.1	231.4	22.2
	106	154.9	13.7	198.5	19.2	218.9	21.9	219.6	22.0	220.2	22.1	220.7	22.2	221.3	22.2
	110	154.9	14.9	198.5	20.8	202.6	21.4	203.2	21.5	203.8	21.6	204.2	21.6	204.9	21.7
	115	154.9	16.5	175.2	19.5	175.7	19.6	176.3	19.7	176.8	19.7	177.2	19.8	177.7	19.9
	118	154.1	17.5	154.7	17.6	155.2	17.6	155.7	17.7	156.2	17.8	156.5	17.8	156.9	17.9
	122	120.6	13.7	121.1	13.7	121.4	13.8	121.8	13.9	122.2	13.9	122.4	13.9	122.8	14.0
100	23	140.8	4.9	180.5	6.8	210.3	8.3	240.0	10.0	269.8	11.7	289.6	13.0	319.4	14.9
	30	140.8	4.9	180.5	6.9	210.3	8.4	240.0	10.1	269.8	11.9	289.6	13.1	315.4	14.8
	40	140.8	5.0	180.5	7.0	210.3	8.7	240.0	10.4	269.8	12.2	289.6	13.5	308.5	14.7
	50	140.8	5.3	180.5	7.4	210.3	9.1	240.0	10.9	269.8	12.8	289.6	14.1	301.1	14.9
	54	140.8	5.4	180.5	7.6	210.3	9.3	240.0	11.2	269.8	13.1	289.6	14.5	297.6	15.1
	58	140.8	5.6	180.5	7.8	210.3	9.6	240.0	11.6	269.8	13.6	289.6	15.0	293.8	15.3
	62	140.8	5.8	180.5	8.1	210.3	10.0	240.0	12.0	269.8	14.1	288.8	15.5	289.7	15.6
	66	140.8	6.1	180.5	8.5	210.3	10.5	240.0	12.5	269.8	14.7	284.5	15.9	285.3	16.0
	70	140.8	6.4	180.5	8.9	210.3	11.0	240.0	13.2	269.8	15.5	280.0	16.3	280.8	16.4
	72	140.8	6.6	180.5	9.2	210.3	11.3	240.0	13.5	269.8	15.9	277.7	16.6	278.5	16.6
	75	140.8	6.9	180.5	9.6	210.3	11.8	240.0	14.1	269.8	16.6	274.1	17.0	274.9	17.1
	79	140.8	7.3	180.5	10.2	210.3	12.5	240.0	15.0	268.7	17.6	269.2	17.6	270.0	17.7
	83	140.8	7.8	180.5	10.9	210.3	13.4	240.0	16.0	263.5	18.3	264.0	18.3	264.8	18.4
	87	140.8	8.4	180.5	11.7	210.3	14.4	240.0	17.2	257.9	19.0	258.5	19.1	259.2	19.1
	91	140.8	9.0	180.5	12.6	210.3	15.4	240.0	18.5	251.7	19.8	252.2	19.8	253.0	19.9
	93	140.8	9.3	180.5	13.0	210.3	16.0	240.0	19.2	248.3	20.1	248.8	20.2	249.5	20.3
	95	140.8	9.7	180.5	13.6	210.3	16.7	240.0	20.0	244.5	20.5	245.0	20.5	245.7	20.6
	99	140.8	10.5	180.5	14.7	210.3	18.0	235.2	21.0	235.9	21.1	236.4	21.1	237.1	21.2
	103	140.8	11.4	180.5	15.9	210.3	19.5	224.6	21.3	225.2	21.4	225.7	21.5	226.4	21.6
	106	140.8	12.1	180.5	16.9	210.3	20.7	214.8	21.4	215.5	21.4	215.9	21.5	216.6	21.6
	110	140.8	13.1	180.5	18.3	198.2	20.8	198.8	20.9	199.4	21.0	199.8	21.0	200.4	21.1
	115	140.8	14.6	171.4	18.9	171.9	19.0	172.5	19.1	173.0	19.2	173.3	19.2	173.9	19.3
	118	140.8	15.5	151.4	17.1	151.9	17.1	152.3	17.2	152.8	17.3	153.1	17.3	153.6	17.4
	122	118.0	13.3	118.5	13.3	118.8	13.4	119.2	13.4	119.5	13.5	119.8	13.5	120.1	13.6

Tc: Total Capacity PI: Power Input

Table 108 - 38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor air tefv mp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	126.7	4.2	162.4	5.9	189.2	7.2	216.0	8.6	242.8	10.1	260.6	11.2	287.4	12.8
	30	126.7	4.3	162.4	6.0	189.2	7.3	216.0	8.8	242.8	10.3	260.6	11.3	287.4	13.0
	40	126.7	4.4	162.4	6.1	189.2	7.5	216.0	9.0	242.8	10.5	260.6	11.6	287.4	13.3
	50	126.7	4.6	162.4	6.4	189.2	7.9	216.0	9.4	242.8	11.1	260.6	12.2	287.4	14.0
	54	126.7	4.7	162.4	6.6	189.2	8.1	216.0	9.7	242.8	11.4	260.6	12.5	287.4	14.4
	58	126.7	4.9	162.4	6.8	189.2	8.4	216.0	10.0	242.8	11.7	260.6	12.9	287.3	14.8
	62	126.7	5.1	162.4	7.1	189.2	8.7	216.0	10.4	242.8	12.2	260.6	13.5	283.3	15.1
	66	126.7	5.3	162.4	7.4	189.2	9.1	216.0	10.9	242.8	12.7	260.6	14.1	279.0	15.5
	70	126.7	5.6	162.4	7.8	189.2	9.5	216.0	11.4	242.8	13.4	260.6	14.8	274.6	15.9
	72	126.7	5.7	162.4	8.0	189.2	9.8	216.0	11.7	242.8	13.8	260.6	15.2	272.4	16.1
	75	126.7	6.0	162.4	8.3	189.2	10.2	216.0	12.2	242.8	14.4	260.6	15.8	268.9	16.5
	79	126.7	6.3	162.4	8.8	189.2	10.9	216.0	13.0	242.8	15.3	260.6	16.8	264.1	17.1
	83	126.7	6.8	162.4	9.5	189.2	11.6	216.0	13.9	242.8	16.3	258.2	17.8	259.0	17.8
	87	126.7	7.3	162.4	10.1	189.2	12.4	216.0	14.9	242.8	17.5	252.7	18.5	253.5	18.6
	91	126.7	7.8	162.4	10.9	189.2	13.4	216.0	16.0	242.8	18.8	246.7	19.2	247.4	19.3
	93	126.7	8.1	162.4	11.3	189.2	13.9	216.0	16.6	242.8	19.5	243.3	19.6	244.0	19.7
	95	126.7	8.4	162.4	11.8	189.2	14.4	216.0	17.3	239.1	19.9	239.6	19.9	240.3	20.0
	99	126.7	9.1	162.4	12.7	189.2	15.6	216.0	18.7	230.7	20.4	231.1	20.5	231.8	20.6
	103	126.7	9.9	162.4	13.8	189.2	16.9	216.0	20.2	220.3	20.8	220.7	20.9	221.4	20.9
	106	126.7	10.5	162.4	14.6	189.2	18.0	210.1	20.7	210.7	20.8	211.1	20.9	211.8	20.9
	110	126.7	11.4	162.4	15.9	189.2	19.5	194.4	20.2	195.0	20.3	195.4	20.4	196.0	20.5
	115	126.7	12.6	162.4	17.6	168.1	18.5	168.7	18.5	169.2	18.6	169.5	18.7	170.0	18.7
	118	126.7	13.4	148.1	16.6	148.5	16.6	149.0	16.7	149.4	16.8	149.7	16.8	150.2	16.9
	122	115.4	12.9	115.8	12.9	116.2	13.0	116.5	13.1	116.9	13.1	117.1	13.1	117.5	13.2
80	23	112.7	3.6	144.4	5.0	168.2	6.2	192.0	7.4	215.8	8.6	231.7	9.5	255.5	10.9
	30	112.7	3.6	144.4	5.1	168.2	6.2	192.0	7.5	215.8	8.7	231.7	9.6	255.5	11.0
	40	112.7	3.7	144.4	5.2	168.2	6.4	192.0	7.7	215.8	9.0	231.7	9.9	255.5	11.3
	50	112.7	3.9	144.4	5.5	168.2	6.7	192.0	8.0	215.8	9.4	231.7	10.4	255.5	11.9
	54	112.7	4.0	144.4	5.6	168.2	6.9	192.0	8.2	215.8	9.7	231.7	10.7	255.5	12.2
	58	112.7	4.2	144.4	5.8	168.2	7.1	192.0	8.5	215.8	10.0	231.7	11.0	255.5	12.6
	62	112.7	4.3	144.4	6.0	168.2	7.4	192.0	8.9	215.8	10.4	231.7	11.4	255.5	13.1
	66	112.7	4.5	144.4	6.3	168.2	7.7	192.0	9.3	215.8	10.8	231.7	12.0	255.5	13.7
	70	112.7	4.8	144.4	6.6	168.2	8.1	192.0	9.7	215.8	11.4	231.7	12.6	255.5	14.4
	72	112.7	4.9	144.4	6.8	168.2	8.4	192.0	10.0	215.8	11.7	231.7	12.9	255.5	14.8
	75	112.7	5.1	144.4	7.1	168.2	8.7	192.0	10.4	215.8	12.2	231.7	13.5	255.5	15.4
	79	112.7	5.4	144.4	7.6	168.2	9.3	192.0	11.1	215.8	13.0	231.7	14.3	255.5	16.4
	83	112.7	5.8	144.4	8.1	168.2	9.9	192.0	11.8	215.8	13.9	231.7	15.3	253.1	17.3
	87	112.7	6.2	144.4	8.7	168.2	10.6	192.0	12.7	215.8	14.9	231.7	16.4	247.8	18.0
	91	112.7	6.7	144.4	9.3	168.2	11.4	192.0	13.7	215.8	16.0	231.7	17.6	241.8	18.7
	93	112.7	6.9	144.4	9.7	168.2	11.9	192.0	14.2	215.8	16.6	231.7	18.3	238.5	19.1
	95	112.7	7.2	144.4	10.0	168.2	12.3	192.0	14.7	215.8	17.3	231.7	19.0	234.9	19.4
	99	112.7	7.8	144.4	10.9	168.2	13.3	192.0	15.9	215.8	18.7	225.9	19.9	226.6	20.0
	103	112.7	8.4	144.4	11.8	168.2	14.4	192.0	17.3	215.3	20.2	215.7	20.2	216.4	20.3
	106	112.7	9.0	144.4	12.5	168.2	15.3	192.0	18.3	206.0	20.2	206.4	20.2	207.0	20.3
	110	112.7	9.7	144.4	13.6	168.2	16.7	190.0	19.6	190.6	19.7	191.0	19.8	191.6	19.8
	115	112.7	10.8	144.4	15.0	164.3	17.9	164.8	18.0	165.3	18.0	165.7	18.1	166.2	18.2
	118	112.7	11.5	144.4	16.0	145.2	16.1	145.6	16.2	146.0	16.3	146.3	16.3	146.8	16.4
	122	112.7	12.5	113.2	12.6	113.6	12.6	113.9	12.7	114.3	12.7	114.5	12.7	114.8	12.8
70	23	98.6	3.0	126.3	4.2	147.2	5.2	168.0	6.2	188.8	7.2	202.7	7.9	223.5	9.1
	30	98.6	3.0	126.3	4.3	147.2	5.2	168.0	6.2	188.8	7.3	202.7	8.0	223.5	9.2
	40	98.6	3.1	126.3	4.4	147.2	5.4	168.0	6.4	188.8	7.5	202.7	8.2	223.5	9.4
	50	98.6	3.3	126.3	4.6	147.2	5.6	168.0	6.7	188.8	7.8	202.7	8.6	223.5	9.9
	54	98.6	3.4	126.3	4.7	147.2	5.8	168.0	6.9	188.8	8.1	202.7	8.9	223.5	10.1
	58	98.6	3.5	126.3	4.9	147.2	6.0	168.0	7.1	188.8	8.3	202.7	9.2	223.5	10.5
	62	98.6	3.6	126.3	5.0	147.2	6.2	168.0	7.4	188.8	8.7	202.7	9.5	223.5	10.9
	66	98.6	3.8	126.3	5.3	147.2	6.5	168.0	7.7	188.8	9.0	202.7	10.0	223.5	11.4
	70	98.6	4.0	126.3	5.5	147.2	6.8	168.0	8.1	188.8	9.5	202.7	10.5	223.5	12.0
	72	98.6	4.1	126.3	5.7	147.2	7.0	168.0	8.3	188.8	9.8	202.7	10.8	223.5	12.3
	75	98.6	4.3	126.3	5.9	147.2	7.3	168.0	8.7	188.8	10.2	202.7	11.2	223.5	12.8
	79	98.6	4.5	126.3	6.3	147.2	7.8	168.0	9.3	188.8	10.8	202.7	11.9	223.5	13.6
	83	98.6	4.8	126.3	6.7	147.2	8.3	168.0	9.9	188.8	11.6	202.7	12.7	223.5	14.6
	87	98.6	5.2	126.3	7.2	147.2	8.9	168.0	10.6	188.8	12.4	202.7	13.7	223.5	15.6
	91	98.6	5.6	126.3	7.8	147.2	9.5	168.0	11.4	188.8	13.3	202.7	14.7	223.5	16.8
	93	98.6	5.8	126.3	8.1	147.2	9.9	168.0	11.8	188.8	13.9	202.7	15.3	223.5	17.4
	95	98.6	6.0	126.3	8.4	147.2	10.3	168.0	12.3	188.8	14.4	202.7	15.9	223.5	18.1
	99	98.6	6.5	126.3	9.1	147.2	11.1	168.0	13.3	188.8	15.6	202.7	17.1	221.4	19.3
	103	98.6	7.0	126.3	9.8	147.2	12.1	168.0	14.4	188.8	16.9	202.7	18.6	211.4	19.7
	106	98.6	7.5	126.3	10.5	147.2	12.8	168.0	15.3	188.8	17.9	201.6	19.6	202.2	19.7
	110	98.6	8.1	126.3	11.3	147.2	13.9	168.0	16.6	186.2	19.1	186.6	19.2	187.2	19.2
	115	98.6	9.0	126.3	12.6	147.2	15.4	161.0	17.4	161.5	17.5	161.8	17.5	162.3	17.6
	118	98.6	9.6	126.3	13.4	141.8	15.6	142.2	15.7	142.7	15.8	143.0	15.8	143.4	15.9
	122	98.6	10.4	110.6	12.2	110.9	12.2	111.3	12.3	111.6	12.3	111.8	12.3	112.2	12.4

Tc: Total Capacity PI: Power Input

Table 109 - 38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	84.5	2.4	108.3	3.4	126.2	4.2	144.0	5.0	161.9	5.9	173.8	6.4	191.6	7.3
	30	84.5	2.5	108.3	3.5	126.2	4.2	144.0	5.1	161.9	5.9	173.8	6.5	191.6	7.4
	40	84.5	2.5	108.3	3.5	126.2	4.4	144.0	5.2	161.9	6.1	173.8	6.7	191.6	7.6
	50	84.5	2.7	108.3	3.7	126.2	4.6	144.0	5.5	161.9	6.4	173.8	7.0	191.6	8.0
	54	84.5	2.7	108.3	3.8	126.2	4.7	144.0	5.6	161.9	6.6	173.8	7.2	191.6	8.2
	58	84.5	2.8	108.3	3.9	126.2	4.8	144.0	5.8	161.9	6.8	173.8	7.4	191.6	8.5
	62	84.5	2.9	108.3	4.1	126.2	5.0	144.0	6.0	161.9	7.0	173.8	7.7	191.6	8.8
	66	84.5	3.1	108.3	4.3	126.2	5.3	144.0	6.3	161.9	7.4	173.8	8.1	191.6	9.2
	70	84.5	3.2	108.3	4.5	126.2	5.5	144.0	6.6	161.9	7.7	173.8	8.5	191.6	9.7
	72	84.5	3.3	108.3	4.6	126.2	5.7	144.0	6.8	161.9	7.9	173.8	8.7	191.6	10.0
	75	84.5	3.4	108.3	4.8	126.2	5.9	144.0	7.1	161.9	8.3	173.8	9.1	191.6	10.4
	79	84.5	3.7	108.3	5.1	126.2	6.3	144.0	7.5	161.9	8.8	173.8	9.7	191.6	11.1
	83	84.5	3.9	108.3	5.5	126.2	6.7	144.0	8.0	161.9	9.4	173.8	10.3	191.6	11.8
	87	84.5	4.2	108.3	5.9	126.2	7.2	144.0	8.6	161.9	10.1	173.8	11.1	191.6	12.7
	91	84.5	4.5	108.3	6.3	126.2	7.8	144.0	9.3	161.9	10.8	173.8	11.9	191.6	13.6
	93	84.5	4.7	108.3	6.6	126.2	8.1	144.0	9.6	161.9	11.3	173.8	12.4	191.6	14.1
	95	84.5	4.9	108.3	6.8	126.2	8.4	144.0	10.0	161.9	11.7	173.8	12.9	191.6	14.7
	99	84.5	5.3	108.3	7.4	126.2	9.1	144.0	10.8	161.9	12.7	173.8	13.9	191.6	15.9
	103	84.5	5.7	108.3	8.0	126.2	9.8	144.0	11.7	161.9	13.7	173.8	15.1	191.6	17.2
	106	84.5	6.1	108.3	8.5	126.2	10.4	144.0	12.5	161.9	14.6	173.8	16.0	191.6	18.3
	110	84.5	6.6	108.3	9.2	126.2	11.3	144.0	13.5	161.9	15.8	173.8	17.4	182.7	18.6
	115	84.5	7.3	108.3	10.2	126.2	12.6	144.0	15.0	157.7	16.9	158.0	17.0	158.5	17.0
	118	84.5	7.8	108.3	10.9	126.2	13.4	138.9	15.2	139.3	15.3	139.6	15.3	140.0	15.4
	122	84.5	8.4	108.0	11.8	108.3	11.8	108.6	11.9	109.0	11.9	109.2	12.0	109.5	12.0
50	23	70.4	1.9	90.2	2.7	105.1	3.3	120.0	3.9	134.9	4.6	144.8	5.0	159.7	5.7
	30	70.4	1.9	90.2	2.7	105.1	3.3	120.0	4.0	134.9	4.6	144.8	5.1	159.7	5.8
	40	70.4	2.0	90.2	2.8	105.1	3.4	120.0	4.1	134.9	4.8	144.8	5.2	159.7	6.0
	50	70.4	2.1	90.2	2.9	105.1	3.6	120.0	4.3	134.9	5.0	144.8	5.5	159.7	6.3
	54	70.4	2.1	90.2	3.0	105.1	3.7	120.0	4.4	134.9	5.1	144.8	5.6	159.7	6.4
	58	70.4	2.2	90.2	3.1	105.1	3.8	120.0	4.5	134.9	5.3	144.8	5.8	159.7	6.6
	62	70.4	2.3	90.2	3.2	105.1	3.9	120.0	4.7	134.9	5.5	144.8	6.1	159.7	6.9
	66	70.4	2.4	90.2	3.3	105.1	4.1	120.0	4.9	134.9	5.8	144.8	6.3	159.7	7.2
	70	70.4	2.5	90.2	3.5	105.1	4.3	120.0	5.2	134.9	6.1	144.8	6.7	159.7	7.6
	72	70.4	2.6	90.2	3.6	105.1	4.4	120.0	5.3	134.9	6.2	144.8	6.8	159.7	7.8
	75	70.4	2.7	90.2	3.8	105.1	4.6	120.0	5.5	134.9	6.5	144.8	7.1	159.7	8.1
	79	70.4	2.8	90.2	4.0	105.1	4.9	120.0	5.9	134.9	6.9	144.8	7.6	159.7	8.6
	83	70.4	3.0	90.2	4.3	105.1	5.3	120.0	6.3	134.9	7.4	144.8	8.1	159.7	9.2
	87	70.4	3.2	90.2	4.6	105.1	5.6	120.0	6.8	134.9	7.9	144.8	8.7	159.7	9.9
	91	70.4	3.5	90.2	4.9	105.1	6.1	120.0	7.3	134.9	8.5	144.8	9.3	159.7	10.7
	93	70.4	3.6	90.2	5.1	105.1	6.3	120.0	7.5	134.9	8.8	144.8	9.7	159.7	11.1
	95	70.4	3.8	90.2	5.3	105.1	6.6	120.0	7.8	134.9	9.2	144.8	10.1	159.7	11.5
	99	70.4	4.1	90.2	5.8	105.1	7.1	120.0	8.5	134.9	9.9	144.8	10.9	159.7	12.4
	103	70.4	4.4	90.2	6.2	105.1	7.7	120.0	9.2	134.9	10.7	144.8	11.8	159.7	13.5
	106	70.4	4.7	90.2	6.6	105.1	8.2	120.0	9.8	134.9	11.4	144.8	12.5	159.7	14.3
	110	70.4	5.1	90.2	7.2	105.1	8.9	120.0	10.6	134.9	12.4	144.8	13.6	159.7	15.5
	115	70.4	5.6	90.2	8.0	105.1	9.8	120.0	11.7	134.9	13.7	144.8	15.1	154.7	16.5
	118	70.4	6.0	90.2	8.5	105.1	10.5	120.0	12.5	134.9	14.6	136.2	14.8	136.6	14.9
	122	70.4	6.5	90.2	9.2	105.1	11.4	106.0	11.5	106.3	11.5	106.6	11.6	106.9	11.6

Tc: Total Capacity PI: Power Input

Table 110 - 38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	174.6	6.1	223.8	8.5	260.7	10.5	297.6	12.6	334.5	14.9	359.1	16.5	396.0	19.0
	30	174.6	6.2	223.8	8.6	260.7	10.6	297.6	12.8	334.5	15.1	359.1	16.7	396.0	19.3
	40	174.6	6.3	223.8	8.8	260.7	10.9	297.6	13.1	334.5	15.5	359.1	17.2	396.0	19.8
	50	174.6	6.6	223.8	9.3	260.7	11.4	297.6	13.8	334.5	16.2	359.1	18.0	396.0	20.7
	54	174.6	6.8	223.8	9.5	260.7	11.8	297.6	14.1	334.5	16.7	359.1	18.5	396.0	21.3
	58	174.6	7.0	223.8	9.8	260.7	12.2	297.6	14.6	334.5	17.3	359.1	19.1	396.0	22.0
	62	174.6	7.3	223.8	10.2	260.7	12.6	297.6	15.2	334.5	17.9	359.1	19.8	396.0	22.9
	66	174.6	7.6	223.8	10.7	260.7	13.2	297.6	15.9	334.5	18.7	359.1	20.7	396.0	23.9
	70	174.6	8.0	223.8	11.2	260.7	13.9	297.6	16.7	334.5	19.7	359.1	21.8	396.0	25.1
	72	174.6	8.2	223.8	11.5	260.7	14.2	297.6	17.1	334.5	20.2	359.1	22.4	396.0	25.8
	75	174.6	8.6	223.8	12.0	260.7	14.9	297.6	17.9	334.5	21.1	359.1	23.4	396.0	26.9
	79	174.6	9.1	223.8	12.8	260.7	15.8	297.6	19.0	334.5	22.4	359.1	24.8	396.0	28.6
	83	174.6	9.8	223.8	13.7	260.7	16.9	297.6	20.3	334.5	24.0	359.1	26.5	396.0	30.6
	87	174.6	10.5	223.8	14.7	260.7	18.1	297.6	21.8	334.5	25.7	359.1	28.4	396.0	32.8
	91	174.6	11.3	223.8	15.8	260.7	19.5	297.6	23.4	334.5	27.6	359.1	30.6	393.3	34.9
	93	174.6	11.7	223.8	16.4	260.7	20.2	297.6	24.3	334.5	28.7	359.1	31.8	387.9	35.5
	95	174.6	12.2	223.8	17.0	260.7	21.0	297.6	25.3	334.5	29.8	359.1	33.0	382.0	36.1
	99	174.6	13.1	223.8	18.4	260.7	22.7	297.6	27.3	334.5	32.2	359.1	35.7	368.6	37.1
	103	174.6	14.2	223.8	19.9	260.7	24.6	297.6	29.6	334.5	34.9	350.8	37.4	351.9	37.6
	106	174.6	15.1	223.8	21.2	260.7	26.1	297.6	31.4	334.5	37.1	335.7	37.3	336.7	37.5
	110	174.6	16.4	223.8	23.0	260.7	28.4	297.6	34.1	310.0	36.2	310.7	36.3	311.6	36.4
	115	174.6	18.2	223.8	25.5	260.7	31.5	268.1	32.7	268.9	32.8	269.5	32.9	270.3	33.1
	118	174.6	19.4	223.8	27.1	236.1	29.2	236.8	29.3	237.5	29.4	238.0	29.5	238.7	29.6
	122	174.6	21.1	184.2	22.6	184.7	22.7	185.3	22.8	185.8	22.9	186.2	23.0	186.8	23.1
140	23	171.3	5.9	219.5	8.3	255.7	10.2	291.9	12.3	328.1	14.5	352.2	16.1	388.4	18.5
	30	171.3	6.0	219.5	8.4	255.7	10.3	291.9	12.4	328.1	14.7	352.2	16.2	388.4	18.7
	40	171.3	6.2	219.5	8.6	255.7	10.6	291.9	12.8	328.1	15.1	352.2	16.7	388.4	19.2
	50	171.3	6.5	219.5	9.0	255.7	11.1	291.9	13.4	328.1	15.8	352.2	17.5	388.4	20.1
	54	171.3	6.6	219.5	9.3	255.7	11.4	291.9	13.8	328.1	16.2	352.2	18.0	388.4	20.7
	58	171.3	6.9	219.5	9.6	255.7	11.8	291.9	14.2	328.1	16.8	352.2	18.6	388.4	21.4
	62	171.3	7.1	219.5	10.0	255.7	12.3	291.9	14.8	328.1	17.4	352.2	19.3	388.4	22.2
	66	171.3	7.4	219.5	10.4	255.7	12.8	291.9	15.4	328.1	18.2	352.2	20.2	388.4	23.2
	70	171.3	7.8	219.5	10.9	255.7	13.5	291.9	16.2	328.1	19.1	352.2	21.2	388.4	24.4
	72	171.3	8.0	219.5	11.2	255.7	13.9	291.9	16.7	328.1	19.7	352.2	21.8	388.4	25.1
	75	171.3	8.4	219.5	11.7	255.7	14.5	291.9	17.4	328.1	20.5	352.2	22.7	388.4	26.2
	79	171.3	8.9	219.5	12.5	255.7	15.4	291.9	18.5	328.1	21.8	352.2	24.2	388.4	27.8
	83	171.3	9.5	219.5	13.3	255.7	16.4	291.9	19.8	328.1	23.3	352.2	25.8	388.4	29.7
	87	171.3	10.2	219.5	14.3	255.7	17.6	291.9	21.2	328.1	25.0	352.2	27.7	388.4	31.9
	91	171.3	11.0	219.5	15.4	255.7	18.9	291.9	22.8	328.1	26.9	352.2	29.7	385.5	33.9
	93	171.3	11.4	219.5	15.9	255.7	19.7	291.9	23.7	328.1	27.9	352.2	30.9	380.2	34.5
	95	171.3	11.8	219.5	16.6	255.7	20.4	291.9	24.6	328.1	29.0	352.2	32.1	374.4	35.1
	99	171.3	12.8	219.5	17.9	255.7	22.1	291.9	26.6	328.1	31.4	352.2	34.7	361.2	36.0
	103	171.3	13.9	219.5	19.4	255.7	23.9	291.9	28.8	328.1	34.0	343.9	36.3	344.9	36.5
	106	171.3	14.7	219.5	20.6	255.7	25.4	291.9	30.6	328.1	36.1	329.0	36.2	330.0	36.4
	110	171.3	16.0	219.5	22.4	255.7	27.6	291.9	33.2	303.9	35.2	304.5	35.3	305.4	35.4
	115	171.3	17.7	219.5	24.8	255.7	30.6	262.8	31.8	263.6	31.9	264.1	32.0	264.9	32.2
	118	171.3	18.9	219.5	26.4	231.4	28.4	232.1	28.5	232.8	28.6	233.3	28.7	234.0	28.8
	122	171.3	20.5	180.5	22.0	181.0	22.1	181.6	22.2	182.1	22.3	182.5	22.3	183.1	22.4
130	23	167.9	5.8	215.2	8.1	250.7	9.9	286.1	12.0	321.6	14.1	345.3	15.6	380.7	18.0
	30	167.9	5.8	215.2	8.2	250.7	10.1	286.1	12.1	321.6	14.3	345.3	15.8	380.7	18.2
	40	167.9	6.0	215.2	8.4	250.7	10.3	286.1	12.4	321.6	14.7	345.3	16.2	380.7	18.7
	50	167.9	6.3	215.2	8.8	250.7	10.8	286.1	13.0	321.6	15.4	345.3	17.0	380.7	19.6
	54	167.9	6.5	215.2	9.0	250.7	11.1	286.1	13.4	321.6	15.8	345.3	17.5	380.7	20.1
	58	167.9	6.7	215.2	9.3	250.7	11.5	286.1	13.8	321.6	16.3	345.3	18.1	380.7	20.8
	62	167.9	6.9	215.2	9.7	250.7	12.0	286.1	14.4	321.6	17.0	345.3	18.8	380.7	21.6
	66	167.9	7.2	215.2	10.1	250.7	12.5	286.1	15.0	321.6	17.7	345.3	19.6	380.7	22.6
	70	167.9	7.6	215.2	10.6	250.7	13.1	286.1	15.8	321.6	18.6	345.3	20.6	380.7	23.7
	72	167.9	7.8	215.2	10.9	250.7	13.5	286.1	16.2	321.6	19.1	345.3	21.2	380.7	24.4
	75	167.9	8.2	215.2	11.4	250.7	14.1	286.1	16.9	321.6	20.0	345.3	22.1	380.7	25.4
	79	167.9	8.7	215.2	12.1	250.7	15.0	286.1	18.0	321.6	21.2	345.3	23.5	380.7	27.0
	83	167.9	9.3	215.2	13.0	250.7	16.0	286.1	19.2	321.6	22.7	345.3	25.1	380.7	28.9
	87	167.9	9.9	215.2	13.9	250.7	17.1	286.1	20.6	321.6	24.3	345.3	26.9	380.7	30.9
	91	167.9	10.7	215.2	14.9	250.7	18.4	286.1	22.2	321.6	26.1	345.3	28.9	377.6	32.9
	93	167.9	11.1	215.2	15.5	250.7	19.1	286.1	23.0	321.6	27.1	345.3	30.0	372.5	33.5
	95	167.9	11.5	215.2	16.1	250.7	19.9	286.1	23.9	321.6	28.2	345.3	31.2	366.8	34.0
	99	167.9	12.5	215.2	17.4	250.7	21.5	286.1	25.9	321.6	30.5	345.3	33.7	353.9	34.9
	103	167.9	13.5	215.2	18.9	250.7	23.3	286.1	28.0	321.6	33.0	336.9	35.3	337.9	35.4
	106	167.9	14.4	215.2	20.1	250.7	24.8	286.1	29.8	321.6	35.1	322.3	35.2	323.3	35.4
	110	167.9	15.6	215.2	21.8	250.7	26.9	286.1	32.3	297.7	34.2	298.3	34.3	299.2	34.4
	115	167.9	17.3	215.2	24.2	250.7	29.8	257.4	30.9	258.2	31.0	258.7	31.1	259.5	31.3
	118	167.9	18.4	215.2	25.7	226.7	27.6	227.4	27.7	228.1	27.8	228.5	27.9	229.2	28.0
	122	167.9	20.0	176.8	21.4	177.4	21.5	177.9	21.6	178.4	21.7	178.8	21.7	179.3	21.8

Tc: Total Capacity PI: Power Input

Table 111 - 38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	164.5	5.6	210.9	7.8	245.7	9.7	280.4	11.6	315.2	13.7	338.3	15.2	373.1	17.4
	30	164.5	5.7	210.9	7.9	245.7	9.8	280.4	11.8	315.2	13.9	338.3	15.3	373.1	17.7
	40	164.5	5.8	210.9	8.2	245.7	10.1	280.4	12.1	315.2	14.2	338.3	15.7	373.1	18.1
	50	164.5	6.1	210.9	8.6	245.7	10.5	280.4	12.7	315.2	14.9	338.3	16.5	373.1	19.0
	54	164.5	6.3	210.9	8.8	245.7	10.8	280.4	13.0	315.2	15.3	338.3	17.0	373.1	19.5
	58	164.5	6.5	210.9	9.1	245.7	11.2	280.4	13.4	315.2	15.9	338.3	17.5	373.1	20.2
	62	164.5	6.7	210.9	9.4	245.7	11.6	280.4	14.0	315.2	16.5	338.3	18.2	373.1	21.0
	66	164.5	7.1	210.9	9.9	245.7	12.2	280.4	14.6	315.2	17.2	338.3	19.0	373.1	21.9
	70	164.5	7.4	210.9	10.4	245.7	12.8	280.4	15.3	315.2	18.1	338.3	20.0	373.1	23.0
	72	164.5	7.6	210.9	10.6	245.7	13.1	280.4	15.8	315.2	18.6	338.3	20.6	373.1	23.7
	75	164.5	7.9	210.9	11.1	245.7	13.7	280.4	16.4	315.2	19.4	338.3	21.4	373.1	24.7
	79	164.5	8.4	210.9	11.8	245.7	14.6	280.4	17.5	315.2	20.6	338.3	22.8	373.1	26.2
	83	164.5	9.0	210.9	12.6	245.7	15.5	280.4	18.7	315.2	22.0	338.3	24.4	373.1	28.0
	87	164.5	9.7	210.9	13.5	245.7	16.7	280.4	20.0	315.2	23.6	338.3	26.1	373.1	30.1
	91	164.5	10.4	210.9	14.5	245.7	17.9	280.4	21.5	315.2	25.4	338.3	28.1	369.8	31.9
	93	164.5	10.8	210.9	15.1	245.7	18.6	280.4	22.4	315.2	26.4	338.3	29.2	364.8	32.5
	95	164.5	11.2	210.9	15.7	245.7	19.3	280.4	23.2	315.2	27.4	338.3	30.3	359.2	33.0
	99	164.5	12.1	210.9	17.0	245.7	20.9	280.4	25.1	315.2	29.6	338.3	32.8	346.6	33.9
	103	164.5	13.1	210.9	18.4	245.7	22.7	280.4	27.2	315.2	32.1	329.9	34.2	330.9	34.4
	106	164.5	14.0	210.9	19.5	245.7	24.1	280.4	28.9	315.0	34.1	315.6	34.2	316.6	34.3
	110	164.5	15.2	210.9	21.2	245.7	26.1	280.4	31.4	291.5	33.2	292.1	33.3	293.0	33.4
	115	164.5	16.8	210.9	23.5	245.7	29.0	252.1	30.0	252.9	30.2	253.4	30.2	254.1	30.4
	118	164.5	17.9	210.9	25.0	222.0	26.8	222.7	26.9	223.3	27.1	223.8	27.1	224.5	27.2
	122	164.5	19.4	173.2	20.8	173.7	20.9	174.2	21.0	174.7	21.1	175.1	21.1	175.6	21.2
110	23	154.9	5.2	198.5	7.2	231.3	8.9	264.0	10.7	296.7	12.6	318.6	13.9	351.3	16.0
	30	154.9	5.2	198.5	7.3	231.3	9.0	264.0	10.8	296.7	12.7	318.6	14.1	351.3	16.2
	40	154.9	5.4	198.5	7.5	231.3	9.3	264.0	11.1	296.7	13.1	318.6	14.5	351.3	16.6
	50	154.9	5.6	198.5	7.9	231.3	9.7	264.0	11.6	296.7	13.7	318.6	15.2	351.3	17.4
	54	154.9	5.8	198.5	8.1	231.3	10.0	264.0	12.0	296.7	14.1	318.6	15.6	351.3	17.9
	58	154.9	6.0	198.5	8.4	231.3	10.3	264.0	12.4	296.7	14.6	318.6	16.1	351.3	18.5
	62	154.9	6.2	198.5	8.7	231.3	10.7	264.0	12.8	296.7	15.1	318.6	16.7	351.3	19.2
	66	154.9	6.5	198.5	9.1	231.3	11.2	264.0	13.4	296.7	15.8	318.6	17.5	351.3	20.1
	70	154.9	6.8	198.5	9.5	231.3	11.8	264.0	14.1	296.7	16.6	318.6	18.4	351.3	21.1
	72	154.9	7.0	198.5	9.8	231.3	12.1	264.0	14.5	296.7	17.1	318.6	18.9	351.3	21.7
	75	154.9	7.3	198.5	10.2	231.3	12.6	264.0	15.1	296.7	17.8	318.6	19.7	351.3	22.6
	79	154.9	7.8	198.5	10.9	231.3	13.4	264.0	16.1	296.7	18.9	318.6	20.9	351.3	24.1
	83	154.9	8.3	198.5	11.6	231.3	14.3	264.0	17.2	296.7	20.2	318.6	22.3	351.3	25.7
	87	154.9	8.9	198.5	12.5	231.3	15.3	264.0	18.4	296.7	21.7	318.6	24.0	351.3	27.6
	91	154.9	9.6	198.5	13.4	231.3	16.5	264.0	19.8	296.7	23.3	318.6	25.8	351.3	29.6
	93	154.9	10.0	198.5	13.9	231.3	17.1	264.0	20.6	296.7	24.2	318.6	26.8	351.3	30.8
	95	154.9	10.3	198.5	14.5	231.3	17.8	264.0	21.4	296.7	25.2	318.6	27.8	351.3	32.0
	99	154.9	11.2	198.5	15.6	231.3	19.2	264.0	23.1	296.7	27.2	318.6	30.1	339.2	32.9
	103	154.9	12.1	198.5	16.9	231.3	20.9	264.0	25.0	296.7	29.5	318.6	32.6	323.9	33.4
	106	154.9	12.9	198.5	18.0	231.3	22.2	264.0	26.6	296.7	31.3	309.0	33.2	309.9	33.3
	110	154.9	14.0	198.5	19.5	231.3	24.1	264.0	28.9	285.4	32.2	285.9	32.3	286.8	32.4
	115	154.9	15.5	198.5	21.7	231.3	26.7	246.8	29.2	247.5	29.3	248.0	29.4	248.8	29.5
	118	154.9	16.5	198.5	23.1	217.3	26.1	218.0	26.2	218.6	26.3	219.1	26.4	219.7	26.5
	122	154.9	17.9	169.5	20.2	170.0	20.3	170.5	20.4	171.0	20.5	171.4	20.5	171.9	20.6
100	23	140.8	4.6	180.5	6.4	210.3	7.8	240.0	9.4	269.8	11.0	289.6	12.2	319.4	14.0
	30	140.8	4.6	180.5	6.4	210.3	7.9	240.0	9.5	269.8	11.1	289.6	12.3	319.4	14.1
	40	140.8	4.7	180.5	6.6	210.3	8.1	240.0	9.7	269.8	11.4	289.6	12.6	319.4	14.5
	50	140.8	5.0	180.5	6.9	210.3	8.5	240.0	10.2	269.8	12.0	289.6	13.2	319.4	15.2
	54	140.8	5.1	180.5	7.1	210.3	8.8	240.0	10.5	269.8	12.3	289.6	13.6	319.4	15.6
	58	140.8	5.3	180.5	7.4	210.3	9.0	240.0	10.8	269.8	12.7	289.6	14.1	319.4	16.2
	62	140.8	5.5	180.5	7.6	210.3	9.4	240.0	11.3	269.8	13.2	289.6	14.6	319.4	16.8
	66	140.8	5.7	180.5	8.0	210.3	9.8	240.0	11.8	269.8	13.8	289.6	15.3	319.4	17.5
	70	140.8	6.0	180.5	8.4	210.3	10.3	240.0	12.4	269.8	14.5	289.6	16.1	319.4	18.4
	72	140.8	6.2	180.5	8.6	210.3	10.6	240.0	12.7	269.8	14.9	289.6	16.5	319.4	18.9
	75	140.8	6.4	180.5	9.0	210.3	11.1	240.0	13.3	269.8	15.6	289.6	17.2	319.4	19.8
	79	140.8	6.9	180.5	9.6	210.3	11.8	240.0	14.1	269.8	16.6	289.6	18.3	319.4	21.0
	83	140.8	7.3	180.5	10.2	210.3	12.6	240.0	15.1	269.8	17.7	289.6	19.5	319.4	22.4
	87	140.8	7.8	180.5	11.0	210.3	13.5	240.0	16.1	269.8	19.0	289.6	20.9	319.4	24.0
	91	140.8	8.4	180.5	11.8	210.3	14.5	240.0	17.4	269.8	20.4	289.6	22.5	319.4	25.9
	93	140.8	8.8	180.5	12.2	210.3	15.0	240.0	18.0	269.8	21.2	289.6	23.4	319.4	26.9
	95	140.8	9.1	180.5	12.7	210.3	15.6	240.0	18.7	269.8	22.0	289.6	24.3	319.4	27.9
	99	140.8	9.8	180.5	13.7	210.3	16.9	240.0	20.3	269.8	23.8	289.6	26.3	319.4	30.2
	103	140.8	10.7	180.5	14.9	210.3	18.3	240.0	21.9	269.8	25.8	289.6	28.5	316.9	32.3
	106	140.8	11.3	180.5	15.8	210.3	19.5	240.0	23.3	269.8	27.4	289.6	30.3	303.2	32.3
	110	140.8	12.3	180.5	17.2	210.3	21.1	240.0	25.3	269.8	29.8	279.8	31.3	280.6	31.4
	115	140.8	13.6	180.5	19.0	210.3	23.4	240.0	28.1	242.2	28.4	242.7	28.5	243.4	28.6
	118	140.8	14.5	180.5	20.3	210.3	24.9	213.3	25.4	213.9	25.5	214.3	25.6	215.0	25.7
	122	140.8	15.8	165.8	19.6	166.3	19.7	166.8	19.8	167.4	19.9	167.7	19.9	168.2	20.0

Tc: Total Capacity PI: Power Input

Table 112 - 38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	126.7	4.0	162.4	5.5	189.2	6.8	216.0	8.1	242.8	9.5	260.6	10.5	287.4	12.0
	30	126.7	4.0	162.4	5.6	189.2	6.9	216.0	8.2	242.8	9.6	260.6	10.6	287.4	12.2
	40	126.7	4.1	162.4	5.7	189.2	7.0	216.0	8.4	242.8	9.9	260.6	10.9	287.4	12.5
	50	126.7	4.3	162.4	6.0	189.2	7.4	216.0	8.8	242.8	10.4	260.6	11.4	287.4	13.1
	54	126.7	4.4	162.4	6.2	189.2	7.6	216.0	9.1	242.8	10.7	260.6	11.8	287.4	13.5
	58	126.7	4.6	162.4	6.4	189.2	7.8	216.0	9.4	242.8	11.0	260.6	12.1	287.4	13.9
	62	126.7	4.8	162.4	6.6	189.2	8.1	216.0	9.7	242.8	11.4	260.6	12.6	287.4	14.5
	66	126.7	5.0	162.4	6.9	189.2	8.5	216.0	10.2	242.8	12.0	260.6	13.2	287.4	15.1
	70	126.7	5.2	162.4	7.3	189.2	8.9	216.0	10.7	242.8	12.6	260.6	13.9	287.4	15.9
	72	126.7	5.4	162.4	7.5	189.2	9.2	216.0	11.0	242.8	12.9	260.6	14.2	287.4	16.3
	75	126.7	5.6	162.4	7.8	189.2	9.6	216.0	11.5	242.8	13.5	260.6	14.9	287.4	17.0
	79	126.7	6.0	162.4	8.3	189.2	10.2	216.0	12.2	242.8	14.3	260.6	15.8	287.4	18.1
	83	126.7	6.4	162.4	8.9	189.2	10.9	216.0	13.0	242.8	15.3	260.6	16.9	287.4	19.3
	87	126.7	6.8	162.4	9.5	189.2	11.7	216.0	14.0	242.8	16.4	260.6	18.1	287.4	20.7
	91	126.7	7.3	162.4	10.2	189.2	12.6	216.0	15.0	242.8	17.6	260.6	19.5	287.4	22.3
	93	126.7	7.6	162.4	10.6	189.2	13.0	216.0	15.6	242.8	18.3	260.6	20.2	287.4	23.2
	95	126.7	7.9	162.4	11.0	189.2	13.5	216.0	16.2	242.8	19.0	260.6	21.0	287.4	24.1
	99	126.7	8.6	162.4	11.9	189.2	14.6	216.0	17.5	242.8	20.6	260.6	22.7	287.4	26.0
	103	126.7	9.3	162.4	12.9	189.2	15.9	216.0	19.0	242.8	22.3	260.6	24.6	287.4	28.2
	106	126.7	9.8	162.4	13.7	189.2	16.9	216.0	20.2	242.8	23.7	260.6	26.1	287.4	29.9
	110	126.7	10.7	162.4	14.9	189.2	18.3	216.0	21.9	242.8	25.7	260.6	28.4	274.4	30.5
	115	126.7	11.9	162.4	16.5	189.2	20.3	216.0	24.3	236.8	27.6	237.3	27.6	238.0	27.7
	118	126.7	12.6	162.4	17.6	189.2	21.6	208.5	24.6	209.2	24.7	209.6	24.8	210.2	24.9
	122	126.7	13.7	162.2	19.1	162.7	19.1	163.2	19.2	163.7	19.3	164.0	19.4	164.5	19.4
80	23	112.7	3.4	144.4	4.7	168.2	5.8	192.0	6.9	215.8	8.1	231.7	8.9	255.5	10.2
	30	112.7	3.4	144.4	4.8	168.2	5.9	192.0	7.0	215.8	8.2	231.7	9.0	255.5	10.3
	40	112.7	3.5	144.4	4.9	168.2	6.0	192.0	7.2	215.8	8.4	231.7	9.3	255.5	10.6
	50	112.7	3.7	144.4	5.1	168.2	6.3	192.0	7.5	215.8	8.8	231.7	9.7	255.5	11.1
	54	112.7	3.8	144.4	5.3	168.2	6.5	192.0	7.7	215.8	9.1	231.7	10.0	255.5	11.4
	58	112.7	3.9	144.4	5.5	168.2	6.7	192.0	8.0	215.8	9.4	231.7	10.3	255.5	11.8
	62	112.7	4.1	144.4	5.7	168.2	6.9	192.0	8.3	215.8	9.7	231.7	10.7	255.5	12.3
	66	112.7	4.2	144.4	5.9	168.2	7.3	192.0	8.7	215.8	10.2	231.7	11.2	255.5	12.8
	70	112.7	4.5	144.4	6.2	168.2	7.6	192.0	9.1	215.8	10.7	231.7	11.8	255.5	13.5
	72	112.7	4.6	144.4	6.4	168.2	7.8	192.0	9.4	215.8	11.0	231.7	12.1	255.5	13.8
	75	112.7	4.8	144.4	6.7	168.2	8.2	192.0	9.8	215.8	11.5	231.7	12.6	255.5	14.5
	79	112.7	5.1	144.4	7.1	168.2	8.7	192.0	10.4	215.8	12.2	231.7	13.4	255.5	15.4
	83	112.7	5.4	144.4	7.6	168.2	9.3	192.0	11.1	215.8	13.0	231.7	14.3	255.5	16.4
	87	112.7	5.8	144.4	8.1	168.2	10.0	192.0	11.9	215.8	14.0	231.7	15.4	255.5	17.6
	91	112.7	6.3	144.4	8.7	168.2	10.7	192.0	12.8	215.8	15.0	231.7	16.5	255.5	18.9
	93	112.7	6.5	144.4	9.1	168.2	11.1	192.0	13.3	215.8	15.6	231.7	17.2	255.5	19.6
	95	112.7	6.8	144.4	9.4	168.2	11.6	192.0	13.8	215.8	16.2	231.7	17.8	255.5	20.4
	99	112.7	7.3	144.4	10.2	168.2	12.5	192.0	14.9	215.8	17.5	231.7	19.3	255.5	22.1
	103	112.7	7.9	144.4	11.0	168.2	13.5	192.0	16.2	215.8	19.0	231.7	20.9	255.5	23.9
	106	112.7	8.4	144.4	11.7	168.2	14.4	192.0	17.2	215.8	20.2	231.7	22.2	255.5	25.4
	110	112.7	9.1	144.4	12.7	168.2	15.6	192.0	18.7	215.8	21.9	231.7	24.1	255.5	27.6
	115	112.7	10.1	144.4	14.1	168.2	17.3	192.0	20.7	215.8	24.3	231.7	26.7	232.6	26.9
	118	112.7	10.8	144.4	15.0	168.2	18.4	192.0	22.0	204.5	24.0	204.9	24.1	205.5	24.2
	122	112.7	11.7	144.4	16.3	159.0	18.6	159.5	18.6	160.0	18.7	160.3	18.8	160.8	18.8
70	23	98.6	2.8	126.3	3.9	147.2	4.8	168.0	5.8	188.8	6.8	202.7	7.4	223.5	8.5
	30	98.6	2.9	126.3	4.0	147.2	4.9	168.0	5.8	188.8	6.8	202.7	7.5	223.5	8.6
	40	98.6	2.9	126.3	4.1	147.2	5.0	168.0	6.0	188.8	7.0	202.7	7.7	223.5	8.8
	50	98.6	3.1	126.3	4.3	147.2	5.3	168.0	6.3	188.8	7.4	202.7	8.1	223.5	9.3
	54	98.6	3.2	126.3	4.4	147.2	5.4	168.0	6.5	188.8	7.6	202.7	8.3	223.5	9.5
	58	98.6	3.3	126.3	4.6	147.2	5.6	168.0	6.7	188.8	7.8	202.7	8.6	223.5	9.8
	62	98.6	3.4	126.3	4.7	147.2	5.8	168.0	6.9	188.8	8.1	202.7	8.9	223.5	10.2
	66	98.6	3.5	126.3	4.9	147.2	6.1	168.0	7.3	188.8	8.5	202.7	9.3	223.5	10.7
	70	98.6	3.7	126.3	5.2	147.2	6.4	168.0	7.6	188.8	8.9	202.7	9.8	223.5	11.2
	72	98.6	3.8	126.3	5.3	147.2	6.6	168.0	7.8	188.8	9.2	202.7	10.1	223.5	11.5
	75	98.6	4.0	126.3	5.6	147.2	6.8	168.0	8.2	188.8	9.6	202.7	10.5	223.5	12.0
	79	98.6	4.2	126.3	5.9	147.2	7.3	168.0	8.7	188.8	10.2	202.7	11.2	223.5	12.8
	83	98.6	4.5	126.3	6.3	147.2	7.8	168.0	9.3	188.8	10.9	202.7	11.9	223.5	13.7
	87	98.6	4.9	126.3	6.8	147.2	8.3	168.0	9.9	188.8	11.6	202.7	12.8	223.5	14.6
	91	98.6	5.2	126.3	7.3	147.2	9.0	168.0	10.7	188.8	12.5	202.7	13.8	223.5	15.7
	93	98.6	5.4	126.3	7.6	147.2	9.3	168.0	11.1	188.8	13.0	202.7	14.3	223.5	16.4
	95	98.6	5.6	126.3	7.9	147.2	9.7	168.0	11.5	188.8	13.5	202.7	14.9	223.5	17.0
	99	98.6	6.1	126.3	8.5	147.2	10.4	168.0	12.5	188.8	14.6	202.7	16.1	223.5	18.4
	103	98.6	6.6	126.3	9.2	147.2	11.3	168.0	13.5	188.8	15.8	202.7	17.4	223.5	19.9
	106	98.6	7.0	126.3	9.8	147.2	12.0	168.0	14.4	188.8	16.8	202.7	18.5	223.5	21.2
	110	98.6	7.6	126.3	10.6	147.2	13.1	168.0	15.6	188.8	18.3	202.7	20.1	223.5	23.0
	115	98.6	8.4	126.3	11.8	147.2	14.5	168.0	17.3	188.8	20.2	202.7	22.3	223.5	25.5
	118	98.6	9.0	126.3	12.6	147.2	15.4	168.0	18.4	188.8	21.5	200.1	23.3	200.7	23.4
	122	98.6	9.8	126.3	13.6	147.2	16.7	155.8	18.1	156.3	18.1	156.6	18.2	157.1	18.3

Tc: Total Capacity PI: Power Input

Table 113 - 38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	84.5	2.3	108.3	3.2	126.2	3.9	144.0	4.7	161.9	5.5	173.8	6.0	191.6	6.9
	30	84.5	2.3	108.3	3.2	126.2	4.0	144.0	4.8	161.9	5.6	173.8	6.1	191.6	7.0
	40	84.5	2.4	108.3	3.3	126.2	4.1	144.0	4.9	161.9	5.7	173.8	6.3	191.6	7.2
	50	84.5	2.5	108.3	3.5	126.2	4.3	144.0	5.1	161.9	6.0	173.8	6.6	191.6	7.5
	54	84.5	2.6	108.3	3.6	126.2	4.4	144.0	5.3	161.9	6.1	173.8	6.8	191.6	7.7
	58	84.5	2.6	108.3	3.7	126.2	4.5	144.0	5.4	161.9	6.4	173.8	7.0	191.6	8.0
	62	84.5	2.7	108.3	3.8	126.2	4.7	144.0	5.6	161.9	6.6	173.8	7.3	191.6	8.3
	66	84.5	2.9	108.3	4.0	126.2	4.9	144.0	5.9	161.9	6.9	173.8	7.6	191.6	8.7
	70	84.5	3.0	108.3	4.2	126.2	5.2	144.0	6.2	161.9	7.2	173.8	8.0	191.6	9.1
	72	84.5	3.1	108.3	4.3	126.2	5.3	144.0	6.4	161.9	7.4	173.8	8.2	191.6	9.3
	75	84.5	3.2	108.3	4.5	126.2	5.6	144.0	6.6	161.9	7.8	173.8	8.5	191.6	9.8
	79	84.5	3.4	108.3	4.8	126.2	5.9	144.0	7.1	161.9	8.3	173.8	9.1	191.6	10.4
	83	84.5	3.7	108.3	5.1	126.2	6.3	144.0	7.5	161.9	8.8	173.8	9.7	191.6	11.1
	87	84.5	3.9	108.3	5.5	126.2	6.8	144.0	8.1	161.9	9.5	173.8	10.4	191.6	11.9
	91	84.5	4.2	108.3	5.9	126.2	7.3	144.0	8.7	161.9	10.2	173.8	11.2	191.6	12.8
	93	84.5	4.4	108.3	6.2	126.2	7.6	144.0	9.0	161.9	10.6	173.8	11.6	191.6	13.3
	95	84.5	4.6	108.3	6.4	126.2	7.9	144.0	9.4	161.9	11.0	173.8	12.1	191.6	13.8
	99	84.5	4.9	108.3	6.9	126.2	8.5	144.0	10.1	161.9	11.9	173.8	13.1	191.6	14.9
	103	84.5	5.3	108.3	7.5	126.2	9.2	144.0	11.0	161.9	12.9	173.8	14.1	191.6	16.1
	106	84.5	5.7	108.3	8.0	126.2	9.8	144.0	11.7	161.9	13.7	173.8	15.0	191.6	17.2
	110	84.5	6.2	108.3	8.7	126.2	10.6	144.0	12.7	161.9	14.8	173.8	16.3	191.6	18.6
	115	84.5	6.8	108.3	9.6	126.2	11.8	144.0	14.1	161.9	16.4	173.8	18.1	191.6	20.6
	118	84.5	7.3	108.3	10.2	126.2	12.5	144.0	15.0	161.9	17.5	173.8	19.3	191.6	22.0
	122	84.5	7.9	108.3	11.1	126.2	13.6	144.0	16.3	152.6	17.6	152.9	17.6	153.3	17.7
50	23	70.4	1.8	90.2	2.5	105.1	3.1	120.0	3.7	134.9	4.3	144.8	4.7	159.7	5.4
	30	70.4	1.8	90.2	2.5	105.1	3.1	120.0	3.7	134.9	4.4	144.8	4.8	159.7	5.5
	40	70.4	1.8	90.2	2.6	105.1	3.2	120.0	3.8	134.9	4.5	144.8	4.9	159.7	5.6
	50	70.4	1.9	90.2	2.7	105.1	3.4	120.0	4.0	134.9	4.7	144.8	5.2	159.7	5.9
	54	70.4	2.0	90.2	2.8	105.1	3.4	120.0	4.1	134.9	4.8	144.8	5.3	159.7	6.0
	58	70.4	2.0	90.2	2.9	105.1	3.6	120.0	4.3	134.9	5.0	144.8	5.5	159.7	6.2
	62	70.4	2.1	90.2	3.0	105.1	3.7	120.0	4.4	134.9	5.2	144.8	5.7	159.7	6.5
	66	70.4	2.2	90.2	3.1	105.1	3.9	120.0	4.6	134.9	5.4	144.8	5.9	159.7	6.8
	70	70.4	2.3	90.2	3.3	105.1	4.1	120.0	4.9	134.9	5.7	144.8	6.2	159.7	7.1
	72	70.4	2.4	90.2	3.4	105.1	4.2	120.0	5.0	134.9	5.8	144.8	6.4	159.7	7.3
	75	70.4	2.5	90.2	3.5	105.1	4.4	120.0	5.2	134.9	6.1	144.8	6.7	159.7	7.6
	79	70.4	2.7	90.2	3.8	105.1	4.6	120.0	5.5	134.9	6.5	144.8	7.1	159.7	8.1
	83	70.4	2.8	90.2	4.0	105.1	4.9	120.0	5.9	134.9	6.9	144.8	7.6	159.7	8.7
	87	70.4	3.0	90.2	4.3	105.1	5.3	120.0	6.3	134.9	7.4	144.8	8.1	159.7	9.3
	91	70.4	3.3	90.2	4.6	105.1	5.7	120.0	6.8	134.9	8.0	144.8	8.8	159.7	10.0
	93	70.4	3.4	90.2	4.8	105.1	5.9	120.0	7.1	134.9	8.3	144.8	9.1	159.7	10.4
	95	70.4	3.5	90.2	5.0	105.1	6.1	120.0	7.3	134.9	8.6	144.8	9.5	159.7	10.8
	99	70.4	3.8	90.2	5.4	105.1	6.6	120.0	7.9	134.9	9.3	144.8	10.2	159.7	11.7
	103	70.4	4.1	90.2	5.9	105.1	7.2	120.0	8.6	134.9	10.1	144.8	11.1	159.7	12.6
	106	70.4	4.4	90.2	6.2	105.1	7.7	120.0	9.1	134.9	10.7	144.8	11.8	159.7	13.4
	110	70.4	4.8	90.2	6.8	105.1	8.3	120.0	9.9	134.9	11.6	144.8	12.8	159.7	14.6
	115	70.4	5.3	90.2	7.5	105.1	9.2	120.0	11.0	134.9	12.9	144.8	14.2	159.7	16.2
	118	70.4	5.6	90.2	8.0	105.1	9.8	120.0	11.7	134.9	13.7	144.8	15.1	159.7	17.2
	122	70.4	6.1	90.2	8.7	105.1	10.7	120.0	12.7	134.9	14.9	144.8	16.4	149.6	17.1

Tc: Total Capacity PI: Power Input

Table 114 - 38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	191.0	7.0	244.8	9.8	285.2	12.1	325.5	14.6	365.9	17.2	392.8	19.0	433.1	21.9
	30	191.0	7.1	244.8	9.9	285.2	12.3	325.5	14.8	365.9	17.4	392.8	19.3	433.1	22.2
	40	191.0	7.3	244.8	10.2	285.2	12.6	325.5	15.1	365.9	17.9	392.8	19.8	433.1	22.8
	50	191.0	7.6	244.8	10.7	285.2	13.2	325.5	15.9	365.9	18.7	392.8	20.8	433.1	23.9
	54	191.0	7.9	244.8	11.0	285.2	13.6	325.5	16.3	365.9	19.3	392.8	21.3	433.1	24.6
	58	191.0	8.1	244.8	11.4	285.2	14.0	325.5	16.9	365.9	19.9	392.8	22.0	433.1	25.4
	62	191.0	8.4	244.8	11.8	285.2	14.6	325.5	17.5	365.9	20.7	392.8	22.9	433.1	26.4
	66	191.0	8.8	244.8	12.3	285.2	15.2	325.5	18.3	365.9	21.6	392.8	23.9	433.1	27.6
	70	191.0	9.3	244.8	13.0	285.2	16.0	325.5	19.2	365.9	22.7	392.8	25.1	433.1	29.0
	72	191.0	9.5	244.8	13.3	285.2	16.4	325.5	19.8	365.9	23.3	392.8	25.8	433.0	29.7
	75	191.0	9.9	244.8	13.9	285.2	17.2	325.5	20.6	365.9	24.3	392.8	27.0	427.4	30.5
	79	191.0	10.6	244.8	14.8	285.2	18.2	325.5	21.9	365.9	25.9	392.8	28.7	419.8	31.5
	83	191.0	11.3	244.8	15.8	285.2	19.5	325.5	23.4	365.9	27.6	392.8	30.6	411.7	32.8
	87	191.0	12.1	244.8	16.9	285.2	20.9	325.5	25.1	365.9	29.6	392.8	32.8	403.0	34.0
	91	191.0	13.0	244.8	18.2	285.2	22.5	325.5	27.0	365.9	31.9	392.1	35.2	393.3	35.4
	93	191.0	13.5	244.8	18.9	285.2	23.3	325.5	28.1	365.9	33.1	386.7	35.8	387.9	36.0
	95	191.0	14.0	244.8	19.6	285.2	24.2	325.5	29.1	365.9	34.4	380.9	36.4	382.0	36.6
	99	191.0	15.2	244.8	21.2	285.2	26.2	325.5	31.5	365.9	37.2	367.4	37.4	368.6	37.6
	103	191.0	16.4	244.8	23.0	285.2	28.4	325.5	34.1	350.1	37.9	350.8	38.0	351.9	38.1
	106	191.0	17.5	244.8	24.5	285.2	30.2	325.5	36.3	335.0	37.8	335.7	37.9	336.7	38.1
	110	191.0	19.0	244.8	26.5	285.2	32.7	309.1	36.6	310.0	36.8	310.7	36.9	311.6	37.1
	115	191.0	21.0	244.8	29.4	267.3	33.2	268.1	33.3	268.9	33.5	269.5	33.6	270.3	33.7
	118	191.0	22.4	235.4	29.7	236.1	29.8	236.8	29.9	237.5	30.1	238.0	30.1	238.7	30.3
	122	183.4	23.0	184.2	23.1	184.7	23.2	185.3	23.3	185.8	23.4	186.2	23.5	186.8	23.6
140	23	187.5	6.8	240.3	9.6	280.0	11.8	319.6	14.2	359.2	16.8	385.6	18.5	425.2	21.4
	30	187.5	6.9	240.3	9.7	280.0	12.0	319.6	14.4	359.2	17.0	385.6	18.8	425.2	21.6
	40	187.5	7.1	240.3	10.0	280.0	12.3	319.6	14.8	359.2	17.4	385.6	19.3	425.2	22.2
	50	187.5	7.5	240.3	10.4	280.0	12.9	319.6	15.5	359.2	18.3	385.6	20.2	425.2	23.3
	54	187.5	7.7	240.3	10.7	280.0	13.2	319.6	15.9	359.2	18.8	385.6	20.8	425.2	23.9
	58	187.5	7.9	240.3	11.1	280.0	13.7	319.6	16.4	359.2	19.4	385.6	21.5	425.2	24.7
	62	187.5	8.2	240.3	11.5	280.0	14.2	319.6	17.1	359.2	20.1	385.6	22.3	425.2	25.7
	66	187.5	8.6	240.3	12.0	280.0	14.8	319.6	17.8	359.2	21.1	385.6	23.3	425.2	26.8
	70	187.5	9.0	240.3	12.6	280.0	15.6	319.6	18.8	359.2	22.1	385.6	24.5	425.2	28.2
	72	187.5	9.3	240.3	13.0	280.0	16.0	319.6	19.3	359.2	22.7	385.6	25.2	424.3	28.9
	75	187.5	9.7	240.3	13.6	280.0	16.7	319.6	20.1	359.2	23.7	385.6	26.2	418.9	29.6
	79	187.5	10.3	240.3	14.4	280.0	17.8	319.6	21.4	359.2	25.2	385.6	27.9	411.4	30.6
	83	187.5	11.0	240.3	15.4	280.0	19.0	319.6	22.8	359.2	26.9	385.6	29.8	403.5	31.8
	87	187.5	11.8	240.3	16.5	280.0	20.4	319.6	24.5	359.2	28.9	385.6	32.0	395.0	33.1
	91	187.5	12.7	240.3	17.8	280.0	21.9	319.6	26.3	359.2	31.1	384.3	34.2	385.5	34.4
	93	187.5	13.2	240.3	18.4	280.0	22.7	319.6	27.3	359.2	32.2	379.0	34.8	380.2	35.0
	95	187.5	13.7	240.3	19.2	280.0	23.6	319.6	28.4	359.2	33.5	373.3	35.4	374.4	35.6
	99	187.5	14.8	240.3	20.7	280.0	25.5	319.6	30.7	359.2	36.2	360.1	36.4	361.2	36.5
	103	187.5	16.0	240.3	22.4	280.0	27.7	319.6	33.3	343.2	36.8	343.9	36.9	344.9	37.1
	106	187.5	17.0	240.3	23.8	280.0	29.4	319.6	35.4	328.3	36.7	329.0	36.8	330.0	37.0
	110	187.5	18.5	240.3	25.9	280.0	31.9	303.0	35.6	303.9	35.8	304.5	35.9	305.4	36.0
	115	187.5	20.5	240.3	28.7	262.0	32.3	262.8	32.4	263.6	32.6	264.1	32.7	264.9	32.8
	118	187.5	21.8	230.7	28.9	231.4	29.0	232.1	29.1	232.8	29.2	233.3	29.3	234.0	29.4
	122	179.8	22.4	180.5	22.5	181.0	22.6	181.6	22.7	182.1	22.8	182.5	22.9	183.1	23.0
130	23	184.0	6.7	235.9	9.3	274.8	11.5	313.6	13.8	352.5	16.3	378.5	18.1	417.3	20.8
	30	184.0	6.8	235.9	9.5	274.8	11.7	313.6	14.0	352.5	16.5	378.5	18.3	417.3	21.0
	40	184.0	6.9	235.9	9.7	274.8	12.0	313.6	14.4	352.5	17.0	378.5	18.8	417.3	21.6
	50	184.0	7.3	235.9	10.2	274.8	12.5	313.6	15.1	352.5	17.8	378.5	19.7	417.3	22.7
	54	184.0	7.5	235.9	10.5	274.8	12.9	313.6	15.5	352.5	18.3	378.5	20.2	417.3	23.3
	58	184.0	7.7	235.9	10.8	274.8	13.3	313.6	16.0	352.5	18.9	378.5	20.9	417.3	24.1
	62	184.0	8.0	235.9	11.2	274.8	13.8	313.6	16.6	352.5	19.6	378.5	21.7	417.3	25.0
	66	184.0	8.4	235.9	11.7	274.8	14.5	313.6	17.4	352.5	20.5	378.5	22.7	417.3	26.1
	70	184.0	8.8	235.9	12.3	274.8	15.2	313.6	18.3	352.5	21.5	378.5	23.8	417.3	27.4
	72	184.0	9.1	235.9	12.7	274.8	15.6	313.6	18.8	352.5	22.1	378.5	24.5	415.7	28.0
	75	184.0	9.4	235.9	13.2	274.8	16.3	313.6	19.6	352.5	23.1	378.5	25.6	410.4	28.7
	79	184.0	10.0	235.9	14.1	274.8	17.3	313.6	20.8	352.5	24.6	378.5	27.2	403.1	29.7
	83	184.0	10.7	235.9	15.0	274.8	18.5	313.6	22.2	352.5	26.2	378.5	29.0	395.3	30.9
	87	184.0	11.5	235.9	16.1	274.8	19.8	313.6	23.8	352.5	28.1	378.5	31.1	387.0	32.1
	91	184.0	12.4	235.9	17.3	274.8	21.3	313.6	25.6	352.5	30.2	376.5	33.2	377.6	33.4
	93	184.0	12.8	235.9	18.0	274.8	22.2	313.6	26.6	352.5	31.4	371.3	33.8	372.5	34.0
	95	184.0	13.3	235.9	18.7	274.8	23.0	313.6	27.7	352.5	32.6	365.7	34.4	366.8	34.5
	99	184.0	14.4	235.9	20.2	274.8	24.9	313.6	29.9	352.1	35.2	352.8	35.3	353.9	35.5
	103	184.0	15.6	235.9	21.9	274.8	27.0	313.6	32.4	336.2	35.7	336.9	35.8	337.9	36.0
	106	184.0	16.6	235.9	23.2	274.8	28.7	313.6	34.4	321.7	35.7	322.3	35.8	323.3	35.9
	110	184.0	18.0	235.9	25.2	274.8	31.1	296.8	34.6	297.7	34.8	298.3	34.9	299.2	35.0
	115	184.0	20.0	235.9	28.0	256.7	31.4	257.4	31.5	258.2	31.7	258.7	31.8	259.5	31.9
	118	184.0	21.3	226.0	28.1	226.7	28.2	227.4	28.3	228.1	28.4	228.5	28.5	229.2	28.6
	122	176.1	21.8	176.8	21.9	177.4	22.0	177.9	22.1	178.4	22.2	178.8	22.2	179.3	22.3

Tc: Total Capacity PI: Power Input

Table 115 - 38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	180.6	6.5	231.4	9.1	269.6	11.2	307.7	13.5	345.9	15.9	371.3	17.6	409.5	20.2
	30	180.6	6.6	231.4	9.2	269.6	11.4	307.7	13.6	345.9	16.1	371.3	17.8	409.5	20.5
	40	180.6	6.8	231.4	9.5	269.6	11.7	307.7	14.0	345.9	16.5	371.3	18.3	409.5	21.0
	50	180.6	7.1	231.4	9.9	269.6	12.2	307.7	14.7	345.9	17.3	371.3	19.1	409.5	22.0
	54	180.6	7.3	231.4	10.2	269.6	12.6	307.7	15.1	345.9	17.8	371.3	19.7	409.5	22.6
	58	180.6	7.5	231.4	10.5	269.6	13.0	307.7	15.6	345.9	18.4	371.3	20.3	409.5	23.4
	62	180.6	7.8	231.4	10.9	269.6	13.5	307.7	16.2	345.9	19.1	371.3	21.1	409.5	24.3
	66	180.6	8.2	231.4	11.4	269.6	14.1	307.7	16.9	345.9	20.0	371.3	22.1	409.5	25.4
	70	180.6	8.6	231.4	12.0	269.6	14.8	307.7	17.8	345.9	21.0	371.3	23.2	409.5	26.7
	72	180.6	8.8	231.4	12.3	269.6	15.2	307.7	18.3	345.9	21.5	371.3	23.8	407.1	27.2
	75	180.6	9.2	231.4	12.9	269.6	15.9	307.7	19.1	345.9	22.5	371.3	24.9	401.9	27.9
	79	180.6	9.8	231.4	13.7	269.6	16.9	307.7	20.3	345.9	23.9	371.3	26.4	394.7	28.9
	83	180.6	10.5	231.4	14.6	269.6	18.0	307.7	21.7	345.9	25.5	371.3	28.2	387.1	30.0
	87	180.6	11.2	231.4	15.7	269.6	19.3	307.7	23.2	345.9	27.4	371.3	30.3	379.0	31.2
	91	180.6	12.1	231.4	16.9	269.6	20.8	307.7	25.0	345.9	29.4	368.7	32.2	369.8	32.4
	93	180.6	12.5	231.4	17.5	269.6	21.6	307.7	25.9	345.9	30.6	363.7	32.8	364.8	33.0
	95	180.6	13.0	231.4	18.2	269.6	22.4	307.7	26.9	345.9	31.8	358.2	33.4	359.2	33.5
	99	180.6	14.1	231.4	19.7	269.6	24.2	307.7	29.1	344.8	34.2	345.5	34.3	346.6	34.4
	103	180.6	15.2	231.4	21.3	269.6	26.3	307.7	31.6	329.3	34.7	329.9	34.8	330.9	34.9
	106	180.6	16.2	231.4	22.6	269.6	27.9	307.7	33.5	315.0	34.7	315.6	34.8	316.6	34.9
	110	180.6	17.6	231.4	24.6	269.6	30.3	290.7	33.6	291.5	33.8	292.1	33.9	293.0	34.0
	115	180.6	19.5	231.4	27.3	251.4	30.5	252.1	30.6	252.9	30.8	253.4	30.9	254.1	31.0
	118	180.6	20.7	221.3	27.3	222.0	27.4	222.7	27.5	223.3	27.6	223.8	27.7	224.5	27.8
	122	172.5	21.2	173.2	21.3	173.7	21.4	174.2	21.5	174.7	21.6	175.1	21.6	175.6	21.7
110	23	170.4	6.0	218.4	8.4	254.4	10.4	290.4	12.4	326.4	14.6	350.4	16.2	386.4	18.6
	30	170.4	6.1	218.4	8.5	254.4	10.5	290.4	12.6	326.4	14.8	350.4	16.4	386.4	18.8
	40	170.4	6.3	218.4	8.7	254.4	10.8	290.4	12.9	326.4	15.2	350.4	16.8	386.4	19.3
	50	170.4	6.6	218.4	9.2	254.4	11.3	290.4	13.5	326.4	15.9	350.4	17.6	386.4	20.3
	54	170.4	6.7	218.4	9.4	254.4	11.6	290.4	13.9	326.4	16.4	350.4	18.1	386.4	20.8
	58	170.4	7.0	218.4	9.7	254.4	12.0	290.4	14.4	326.4	16.9	350.4	18.7	386.4	21.5
	62	170.4	7.2	218.4	10.1	254.4	12.4	290.4	14.9	326.4	17.6	350.4	19.5	386.4	22.4
	66	170.4	7.6	218.4	10.6	254.4	13.0	290.4	15.6	326.4	18.4	350.4	20.3	386.4	23.4
	70	170.4	7.9	218.4	11.1	254.4	13.7	290.4	16.4	326.4	19.3	350.4	21.4	386.4	24.6
	72	170.4	8.2	218.4	11.4	254.4	14.0	290.4	16.9	326.4	19.8	350.4	21.9	386.4	25.2
	75	170.4	8.5	218.4	11.9	254.4	14.7	290.4	17.6	326.4	20.7	350.4	22.9	386.4	26.3
	79	170.4	9.1	218.4	12.7	254.4	15.6	290.4	18.7	326.4	22.0	350.4	24.3	386.4	28.0
	83	170.4	9.7	218.4	13.5	254.4	16.6	290.4	20.0	326.4	23.5	350.4	26.0	379.0	29.1
	87	170.4	10.4	218.4	14.5	254.4	17.8	290.4	21.4	326.4	25.2	350.4	27.9	370.9	30.2
	91	170.4	11.2	218.4	15.6	254.4	19.2	290.4	23.0	326.4	27.1	350.4	30.0	362.0	31.4
	93	170.4	11.6	218.4	16.2	254.4	19.9	290.4	23.9	326.4	28.2	350.4	31.1	357.0	32.0
	95	170.4	12.0	218.4	16.8	254.4	20.7	290.4	24.9	326.4	29.3	350.4	32.3	351.6	32.5
	99	170.4	13.0	218.4	18.2	254.4	22.4	290.4	26.9	326.4	31.6	338.2	33.3	339.2	33.4
	103	170.4	14.1	218.4	19.7	254.4	24.3	290.4	29.1	322.3	33.7	322.9	33.8	323.9	33.9
	106	170.4	15.0	218.4	20.9	254.4	25.8	290.4	30.9	308.3	33.6	309.0	33.7	309.9	33.9
	110	170.4	16.3	218.4	22.7	254.4	28.0	284.5	32.6	285.4	32.8	285.9	32.9	286.8	33.0
	115	170.4	18.0	218.4	25.2	246.0	29.6	246.8	29.8	247.5	29.9	248.0	30.0	248.8	30.1
	118	170.4	19.2	216.6	26.5	217.3	26.6	218.0	26.7	218.6	26.9	219.1	26.9	219.7	27.0
	122	168.8	20.6	169.5	20.7	170.0	20.8	170.5	20.9	171.0	21.0	171.4	21.0	171.9	21.1
100	23	154.9	5.3	198.5	7.4	231.3	9.1	264.0	10.9	296.7	12.8	318.6	14.1	351.3	16.2
	30	154.9	5.4	198.5	7.5	231.3	9.2	264.0	11.0	296.7	13.0	318.6	14.3	351.3	16.4
	40	154.9	5.5	198.5	7.7	231.3	9.4	264.0	11.3	296.7	13.3	318.6	14.7	351.3	16.9
	50	154.9	5.8	198.5	8.1	231.3	9.9	264.0	11.9	296.7	14.0	318.6	15.4	351.3	17.7
	54	154.9	5.9	198.5	8.3	231.3	10.2	264.0	12.2	296.7	14.3	318.6	15.8	351.3	18.2
	58	154.9	6.1	198.5	8.6	231.3	10.5	264.0	12.6	296.7	14.8	318.6	16.4	351.3	18.8
	62	154.9	6.4	198.5	8.9	231.3	10.9	264.0	13.1	296.7	15.4	318.6	17.0	351.3	19.5
	66	154.9	6.7	198.5	9.3	231.3	11.4	264.0	13.7	296.7	16.1	318.6	17.8	351.3	20.4
	70	154.9	7.0	198.5	9.8	231.3	12.0	264.0	14.4	296.7	16.9	318.6	18.7	351.3	21.4
	72	154.9	7.2	198.5	10.0	231.3	12.3	264.0	14.8	296.7	17.4	318.6	19.2	351.3	22.0
	75	154.9	7.5	198.5	10.5	231.3	12.9	264.0	15.4	296.7	18.1	318.6	20.0	351.3	23.0
	79	154.9	8.0	198.5	11.1	231.3	13.7	264.0	16.4	296.7	19.3	318.6	21.3	351.3	24.4
	83	154.9	8.5	198.5	11.9	231.3	14.6	264.0	17.5	296.7	20.6	318.6	22.7	351.3	26.1
	87	154.9	9.1	198.5	12.7	231.3	15.7	264.0	18.8	296.7	22.1	318.6	24.4	351.3	28.0
	91	154.9	9.8	198.5	13.7	231.3	16.8	264.0	20.2	296.7	23.7	318.6	26.2	351.3	30.1
	93	154.9	10.2	198.5	14.2	231.3	17.5	264.0	21.0	296.7	24.6	318.6	27.2	349.3	31.0
	95	154.9	10.6	198.5	14.8	231.3	18.2	264.0	21.8	296.7	25.6	318.6	28.3	344.0	31.5
	99	154.9	11.5	198.5	16.0	231.3	19.7	264.0	23.6	296.7	27.7	318.6	30.6	331.9	32.4
	103	154.9	12.4	198.5	17.3	231.3	21.3	264.0	25.5	296.7	30.0	316.0	32.7	316.9	32.9
	106	154.9	13.2	198.5	18.4	231.3	22.6	264.0	27.1	296.7	31.9	302.3	32.7	303.2	32.9
	110	154.9	14.3	198.5	20.0	231.3	24.6	264.0	29.4	279.2	31.8	279.8	31.9	280.6	32.0
	115	154.9	15.9	198.5	22.2	231.3	27.2	241.4	28.9	242.2	29.0	242.7	29.1	243.4	29.2
	118	154.9	16.9	198.5	23.6	212.6	25.9	213.3	26.0	213.9	26.1	214.3	26.1	215.0	26.2
	122	154.9	18.4	165.8	20.1	166.3	20.2	166.8	20.3	167.4	20.4	167.7	20.4	168.2	20.5

Tc: Total Capacity PI: Power Input

Table 116 - 38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	139.4	4.6	178.7	6.4	208.2	7.9	237.6	9.4	267.1	11.1	286.7	12.2	316.2	14.0
	30	139.4	4.7	178.7	6.5	208.2	8.0	237.6	9.5	267.1	11.2	286.7	12.4	316.2	14.2
	40	139.4	4.8	178.7	6.7	208.2	8.2	237.6	9.8	267.1	11.5	286.7	12.7	316.2	14.5
	50	139.4	5.0	178.7	7.0	208.2	8.6	237.6	10.3	267.1	12.1	286.7	13.3	316.2	15.3
	54	139.4	5.2	178.7	7.2	208.2	8.8	237.6	10.6	267.1	12.4	286.7	13.7	316.2	15.7
	58	139.4	5.3	178.7	7.4	208.2	9.1	237.6	10.9	267.1	12.8	286.7	14.1	316.2	16.2
	62	139.4	5.5	178.7	7.7	208.2	9.5	237.6	11.3	267.1	13.3	286.7	14.7	316.2	16.8
	66	139.4	5.8	178.7	8.1	208.2	9.9	237.6	11.8	267.1	13.9	286.7	15.3	316.2	17.6
	70	139.4	6.1	178.7	8.5	208.2	10.4	237.6	12.5	267.1	14.6	286.7	16.1	316.2	18.5
	72	139.4	6.2	178.7	8.7	208.2	10.7	237.6	12.8	267.1	15.0	286.7	16.6	316.2	19.0
	75	139.4	6.5	178.7	9.1	208.2	11.2	237.6	13.3	267.1	15.7	286.7	17.3	316.2	19.8
	79	139.4	6.9	178.7	9.7	208.2	11.9	237.6	14.2	267.1	16.7	286.7	18.4	316.2	21.1
	83	139.4	7.4	178.7	10.3	208.2	12.7	237.6	15.2	267.1	17.8	286.7	19.6	316.2	22.5
	87	139.4	7.9	178.7	11.1	208.2	13.6	237.6	16.2	267.1	19.1	286.7	21.0	316.2	24.1
	91	139.4	8.5	178.7	11.9	208.2	14.6	237.6	17.5	267.1	20.5	286.7	22.6	316.2	25.9
	93	139.4	8.9	178.7	12.3	208.2	15.2	237.6	18.1	267.1	21.3	286.7	23.5	316.2	26.9
	95	139.4	9.2	178.7	12.8	208.2	15.8	237.6	18.9	267.1	22.1	286.7	24.4	316.2	28.0
	99	139.4	9.9	178.7	13.9	208.2	17.0	237.6	20.4	267.1	23.9	286.7	26.4	316.2	30.3
	103	139.4	10.8	178.7	15.0	208.2	18.5	237.6	22.1	267.1	25.9	286.7	28.6	309.9	31.9
	106	139.4	11.5	178.7	16.0	208.2	19.6	237.6	23.5	267.1	27.6	286.7	30.4	296.5	31.8
	110	139.4	12.4	178.7	17.3	208.2	21.3	237.6	25.5	267.1	29.9	273.6	30.9	274.4	31.1
	115	139.4	13.8	178.7	19.2	208.2	23.6	236.1	28.0	236.8	28.1	237.3	28.2	238.0	28.3
	118	139.4	14.7	178.7	20.5	207.9	25.1	208.5	25.2	209.2	25.3	209.6	25.4	210.2	25.5
	122	139.4	15.9	162.2	19.5	162.7	19.6	163.2	19.7	163.7	19.8	164.0	19.8	164.5	19.9
80	23	123.9	3.9	158.8	5.5	185.0	6.7	211.2	8.0	237.4	9.4	254.8	10.4	281.0	11.9
	30	123.9	4.0	158.8	5.5	185.0	6.8	211.2	8.1	237.4	9.5	254.8	10.5	281.0	12.0
	40	123.9	4.1	158.8	5.7	185.0	7.0	211.2	8.4	237.4	9.8	254.8	10.8	281.0	12.3
	50	123.9	4.3	158.8	6.0	185.0	7.3	211.2	8.8	237.4	10.3	254.8	11.3	281.0	12.9
	54	123.9	4.4	158.8	6.1	185.0	7.5	211.2	9.0	237.4	10.5	254.8	11.6	281.0	13.3
	58	123.9	4.5	158.8	6.3	185.0	7.8	211.2	9.3	237.4	10.9	254.8	12.0	281.0	13.7
	62	123.9	4.7	158.8	6.6	185.0	8.1	211.2	9.7	237.4	11.3	254.8	12.5	281.0	14.3
	66	123.9	4.9	158.8	6.9	185.0	8.4	211.2	10.1	237.4	11.8	254.8	13.0	281.0	14.9
	70	123.9	5.2	158.8	7.2	185.0	8.9	211.2	10.6	237.4	12.4	254.8	13.7	281.0	15.7
	72	123.9	5.3	158.8	7.4	185.0	9.1	211.2	10.9	237.4	12.8	254.8	14.1	281.0	16.1
	75	123.9	5.6	158.8	7.8	185.0	9.5	211.2	11.4	237.4	13.3	254.8	14.7	281.0	16.8
	79	123.9	5.9	158.8	8.2	185.0	10.1	211.2	12.1	237.4	14.2	254.8	15.6	281.0	17.9
	83	123.9	6.3	158.8	8.8	185.0	10.8	211.2	12.9	237.4	15.1	254.8	16.7	281.0	19.1
	87	123.9	6.8	158.8	9.4	185.0	11.6	211.2	13.8	237.4	16.2	254.8	17.9	281.0	20.5
	91	123.9	7.3	158.8	10.2	185.0	12.5	211.2	14.9	237.4	17.5	254.8	19.2	281.0	22.0
	93	123.9	7.6	158.8	10.5	185.0	12.9	211.2	15.5	237.4	18.1	254.8	20.0	281.0	22.9
	95	123.9	7.9	158.8	11.0	185.0	13.4	211.2	16.1	237.4	18.8	254.8	20.8	281.0	23.7
	99	123.9	8.5	158.8	11.8	185.0	14.5	211.2	17.4	237.4	20.4	254.8	22.4	281.0	25.7
	103	123.9	9.2	158.8	12.8	185.0	15.7	211.2	18.8	237.4	22.1	254.8	24.3	281.0	27.8
	106	123.9	9.8	158.8	13.6	185.0	16.7	211.2	20.0	237.4	23.4	254.8	25.8	281.0	29.6
	110	123.9	10.6	158.8	14.8	185.0	18.2	211.2	21.7	237.4	25.5	254.8	28.0	268.2	30.1
	115	123.9	11.8	158.8	16.4	185.0	20.1	211.2	24.1	231.5	27.3	231.9	27.3	232.6	27.5
	118	123.9	12.5	158.8	17.5	185.0	21.4	203.8	24.4	204.5	24.5	204.9	24.6	205.5	24.7
	122	123.9	13.6	158.5	18.9	159.0	19.0	159.5	19.1	160.0	19.2	160.3	19.2	160.8	19.3
70	23	108.4	3.3	139.0	4.6	161.9	5.6	184.8	6.7	207.7	7.9	223.0	8.7	245.9	9.9
	30	108.4	3.3	139.0	4.6	161.9	5.7	184.8	6.8	207.7	8.0	223.0	8.8	245.9	10.0
	40	108.4	3.4	139.0	4.8	161.9	5.8	184.8	7.0	207.7	8.2	223.0	9.0	245.9	10.3
	50	108.4	3.6	139.0	5.0	161.9	6.1	184.8	7.3	207.7	8.6	223.0	9.4	245.9	10.8
	54	108.4	3.7	139.0	5.1	161.9	6.3	184.8	7.5	207.7	8.8	223.0	9.7	245.9	11.1
	58	108.4	3.8	139.0	5.3	161.9	6.5	184.8	7.8	207.7	9.1	223.0	10.0	245.9	11.4
	62	108.4	3.9	139.0	5.5	161.9	6.8	184.8	8.1	207.7	9.4	223.0	10.4	245.9	11.9
	66	108.4	4.1	139.0	5.8	161.9	7.1	184.8	8.4	207.7	9.9	223.0	10.9	245.9	12.4
	70	108.4	4.3	139.0	6.0	161.9	7.4	184.8	8.9	207.7	10.4	223.0	11.4	245.9	13.0
	72	108.4	4.4	139.0	6.2	161.9	7.6	184.8	9.1	207.7	10.7	223.0	11.7	245.9	13.4
	75	108.4	4.6	139.0	6.5	161.9	8.0	184.8	9.5	207.7	11.1	223.0	12.2	245.9	14.0
	79	108.4	4.9	139.0	6.9	161.9	8.5	184.8	10.1	207.7	11.8	223.0	13.0	245.9	14.9
	83	108.4	5.3	139.0	7.4	161.9	9.0	184.8	10.8	207.7	12.6	223.0	13.9	245.9	15.9
	87	108.4	5.6	139.0	7.9	161.9	9.7	184.8	11.6	207.7	13.5	223.0	14.9	245.9	17.0
	91	108.4	6.1	139.0	8.5	161.9	10.4	184.8	12.4	207.7	14.6	223.0	16.0	245.9	18.3
	93	108.4	6.3	139.0	8.8	161.9	10.8	184.8	12.9	207.7	15.1	223.0	16.6	245.9	19.0
	95	108.4	6.6	139.0	9.2	161.9	11.2	184.8	13.4	207.7	15.7	223.0	17.3	245.9	19.8
	99	108.4	7.1	139.0	9.9	161.9	12.2	184.8	14.5	207.7	17.0	223.0	18.7	245.9	21.4
	103	108.4	7.7	139.0	10.7	161.9	13.2	184.8	15.7	207.7	18.4	223.0	20.3	245.9	23.1
	106	108.4	8.2	139.0	11.4	161.9	14.0	184.8	16.7	207.7	19.6	223.0	21.5	245.9	24.6
	110	108.4	8.9	139.0	12.4	161.9	15.2	184.8	18.1	207.7	21.2	223.0	23.4	245.9	26.7
	115	108.4	9.8	139.0	13.7	161.9	16.8	184.8	20.1	207.7	23.5	223.0	25.9	227.3	26.6
	118	108.4	10.5	139.0	14.6	161.9	17.9	184.8	21.4	199.7	23.8	200.1	23.8	200.7	23.9
	122	108.4	11.4	139.0	15.9	155.3	18.4	155.8	18.5	156.3	18.6	156.6	18.6	157.1	18.7

Tc: Total Capacity PI: Power Input

Table 117 - 38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	92.9	2.7	119.1	3.7	138.8	4.6	158.4	5.5	178.0	6.4	191.1	7.0	210.8	8.0
	30	92.9	2.7	119.1	3.8	138.8	4.6	158.4	5.5	178.0	6.5	191.1	7.1	210.8	8.1
	40	92.9	2.8	119.1	3.9	138.8	4.8	158.4	5.7	178.0	6.6	191.1	7.3	210.8	8.3
	50	92.9	2.9	119.1	4.1	138.8	5.0	158.4	5.9	178.0	7.0	191.1	7.7	210.8	8.7
	54	92.9	3.0	119.1	4.2	138.8	5.1	158.4	6.1	178.0	7.2	191.1	7.9	210.8	9.0
	58	92.9	3.1	119.1	4.3	138.8	5.3	158.4	6.3	178.0	7.4	191.1	8.1	210.8	9.3
	62	92.9	3.2	119.1	4.5	138.8	5.5	158.4	6.6	178.0	7.7	191.1	8.4	210.8	9.6
	66	92.9	3.3	119.1	4.7	138.8	5.7	158.4	6.9	178.0	8.0	191.1	8.8	210.8	10.1
	70	92.9	3.5	119.1	4.9	138.8	6.0	158.4	7.2	178.0	8.4	191.1	9.3	210.8	10.6
	72	92.9	3.6	119.1	5.1	138.8	6.2	158.4	7.4	178.0	8.7	191.1	9.5	210.8	10.9
	75	92.9	3.8	119.1	5.3	138.8	6.5	158.4	7.7	178.0	9.0	191.1	9.9	210.8	11.3
	79	92.9	4.0	119.1	5.6	138.8	6.9	158.4	8.2	178.0	9.6	191.1	10.6	210.8	12.1
	83	92.9	4.3	119.1	6.0	138.8	7.3	158.4	8.8	178.0	10.3	191.1	11.3	210.8	12.9
	87	92.9	4.6	119.1	6.4	138.8	7.9	158.4	9.4	178.0	11.0	191.1	12.1	210.8	13.8
	91	92.9	4.9	119.1	6.9	138.8	8.5	158.4	10.1	178.0	11.8	191.1	13.0	210.8	14.9
	93	92.9	5.1	119.1	7.2	138.8	8.8	158.4	10.5	178.0	12.3	191.1	13.5	210.8	15.4
	95	92.9	5.3	119.1	7.4	138.8	9.1	158.4	10.9	178.0	12.8	191.1	14.0	210.8	16.0
	99	92.9	5.7	119.1	8.1	138.8	9.9	158.4	11.8	178.0	13.8	191.1	15.2	210.8	17.3
	103	92.9	6.2	119.1	8.7	138.8	10.7	158.4	12.8	178.0	15.0	191.1	16.5	210.8	18.8
	106	92.9	6.6	119.1	9.3	138.8	11.4	158.4	13.6	178.0	15.9	191.1	17.5	210.8	20.0
	110	92.9	7.2	119.1	10.1	138.8	12.4	158.4	14.8	178.0	17.3	191.1	19.0	210.8	21.7
	115	92.9	8.0	119.1	11.2	138.8	13.7	158.4	16.4	178.0	19.1	191.1	21.0	210.8	24.0
	118	92.9	8.5	119.1	11.9	138.8	14.6	158.4	17.4	178.0	20.4	191.1	22.4	196.0	23.2
	122	92.9	9.2	119.1	12.9	138.8	15.8	152.1	17.9	152.6	18.0	152.9	18.0	153.3	18.1
50	23	77.5	2.1	99.3	2.9	115.6	3.6	132.0	4.3	148.4	5.0	159.3	5.5	175.6	6.3
	30	77.5	2.1	99.3	2.9	115.6	3.6	132.0	4.3	148.4	5.1	159.3	5.6	175.6	6.3
	40	77.5	2.1	99.3	3.0	115.6	3.7	132.0	4.4	148.4	5.2	159.3	5.7	175.6	6.5
	50	77.5	2.2	99.3	3.2	115.6	3.9	132.0	4.7	148.4	5.4	159.3	6.0	175.6	6.8
	54	77.5	2.3	99.3	3.3	115.6	4.0	132.0	4.8	148.4	5.6	159.3	6.2	175.6	7.0
	58	77.5	2.4	99.3	3.4	115.6	4.1	132.0	4.9	148.4	5.8	159.3	6.4	175.6	7.3
	62	77.5	2.5	99.3	3.5	115.6	4.3	132.0	5.1	148.4	6.0	159.3	6.6	175.6	7.5
	66	77.5	2.6	99.3	3.7	115.6	4.5	132.0	5.4	148.4	6.3	159.3	6.9	175.6	7.9
	70	77.5	2.7	99.3	3.8	115.6	4.7	132.0	5.6	148.4	6.6	159.3	7.3	175.6	8.3
	72	77.5	2.8	99.3	3.9	115.6	4.9	132.0	5.8	148.4	6.8	159.3	7.5	175.6	8.5
	75	77.5	2.9	99.3	4.1	115.6	5.1	132.0	6.1	148.4	7.1	159.3	7.8	175.6	8.9
	79	77.5	3.1	99.3	4.4	115.6	5.4	132.0	6.4	148.4	7.5	159.3	8.3	175.6	9.4
	83	77.5	3.3	99.3	4.7	115.6	5.7	132.0	6.9	148.4	8.0	159.3	8.8	175.6	10.1
	87	77.5	3.5	99.3	5.0	115.6	6.2	132.0	7.4	148.4	8.6	159.3	9.5	175.6	10.8
	91	77.5	3.8	99.3	5.4	115.6	6.6	132.0	7.9	148.4	9.3	159.3	10.2	175.6	11.6
	93	77.5	4.0	99.3	5.6	115.6	6.9	132.0	8.2	148.4	9.6	159.3	10.6	175.6	12.1
	95	77.5	4.1	99.3	5.8	115.6	7.2	132.0	8.5	148.4	10.0	159.3	11.0	175.6	12.5
	99	77.5	4.4	99.3	6.3	115.6	7.7	132.0	9.2	148.4	10.8	159.3	11.9	175.6	13.6
	103	77.5	4.8	99.3	6.8	115.6	8.4	132.0	10.0	148.4	11.7	159.3	12.9	175.6	14.7
	106	77.5	5.1	99.3	7.2	115.6	8.9	132.0	10.6	148.4	12.4	159.3	13.7	175.6	15.6
	110	77.5	5.5	99.3	7.9	115.6	9.7	132.0	11.6	148.4	13.5	159.3	14.9	175.6	16.9
	115	77.5	6.2	99.3	8.7	115.6	10.7	132.0	12.8	148.4	15.0	159.3	16.5	175.6	18.8
	118	77.5	6.5	99.3	9.3	115.6	11.4	132.0	13.6	148.4	15.9	159.3	17.5	175.6	20.0
	122	77.5	7.1	99.3	10.1	115.6	12.4	132.0	14.8	148.4	17.3	149.2	17.4	149.6	17.5

Tc: Total Capacity PI: Power Input

Table 118 - 38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	208.0	8.1	266.6	11.3	310.5	14.0	354.4	16.8	398.4	19.9	427.7	22.0	471.6	25.3
	30	208.0	8.2	266.6	11.5	310.5	14.2	354.4	17.0	398.4	20.1	427.7	22.3	471.6	25.7
	40	208.0	8.4	266.6	11.8	310.5	14.5	354.4	17.5	398.4	20.6	427.7	22.9	471.6	26.3
	50	208.0	8.8	266.6	12.4	310.5	15.3	354.4	18.3	398.4	21.7	427.7	24.0	468.1	27.3
	54	208.0	9.1	266.6	12.7	310.5	15.7	354.4	18.9	398.4	22.3	427.7	24.6	462.6	27.6
	58	208.0	9.4	266.6	13.1	310.5	16.2	354.4	19.5	398.4	23.0	427.7	25.4	456.7	28.0
	62	208.0	9.7	266.6	13.6	310.5	16.8	354.4	20.2	398.4	23.9	427.7	26.4	450.3	28.5
	66	208.0	10.2	266.6	14.3	310.5	17.6	354.4	21.2	398.4	25.0	427.7	27.6	443.6	29.1
	70	208.0	10.7	266.6	15.0	310.5	18.5	354.4	22.2	398.4	26.2	427.7	29.0	436.6	29.9
	72	208.0	11.0	266.6	15.4	310.5	19.0	354.4	22.8	398.4	26.9	427.7	29.8	433.0	30.4
	75	208.0	11.5	266.6	16.1	310.5	19.8	354.4	23.8	398.4	28.1	426.1	31.0	427.4	31.1
	79	208.0	12.2	266.6	17.1	310.5	21.1	354.4	25.3	398.4	29.9	418.5	32.1	419.8	32.2
	83	208.0	13.0	266.6	18.2	310.5	22.5	354.4	27.1	398.4	31.9	410.5	33.3	411.7	33.5
	87	208.0	14.0	266.6	19.5	310.5	24.1	354.4	29.0	398.4	34.2	401.8	34.7	403.0	34.8
	91	208.0	15.0	266.6	21.0	310.5	25.9	354.4	31.2	391.3	35.9	392.1	36.0	393.3	36.2
	93	208.0	15.6	266.6	21.8	310.5	26.9	354.4	32.4	386.0	36.6	386.7	36.7	387.9	36.8
	95	208.0	16.2	266.6	22.7	310.5	28.0	354.4	33.7	380.1	37.2	380.9	37.3	382.0	37.4
	99	208.0	17.5	266.6	24.5	310.5	30.3	354.4	36.4	366.7	38.2	367.4	38.3	368.6	38.5
	103	208.0	19.0	266.6	26.6	310.5	32.8	349.1	38.6	350.1	38.8	350.8	38.9	351.9	39.0
	106	208.0	20.2	266.6	28.2	310.5	34.8	334.0	38.6	335.0	38.7	335.7	38.8	336.7	39.0
	110	208.0	21.9	266.6	30.7	308.2	37.4	309.1	37.6	310.0	37.7	310.7	37.9	311.6	38.0
	115	208.0	24.3	266.5	34.0	267.3	34.1	268.1	34.3	268.9	34.4	269.5	34.5	270.3	34.6
	118	208.0	25.8	235.4	30.5	236.1	30.7	236.8	30.8	237.5	30.9	238.0	31.0	238.7	31.1
	122	183.4	23.7	184.2	23.8	184.7	23.9	185.3	24.0	185.8	24.1	186.2	24.2	186.8	24.3
140	23	204.3	7.9	261.8	11.1	304.9	13.7	348.1	16.4	391.2	19.4	420.0	21.4	463.2	24.7
	30	204.3	8.0	261.8	11.2	304.9	13.8	348.1	16.6	391.2	19.6	420.0	21.7	463.2	25.0
	40	204.3	8.2	261.8	11.5	304.9	14.2	348.1	17.1	391.2	20.1	420.0	22.3	463.2	25.6
	50	204.3	8.6	261.8	12.1	304.9	14.9	348.1	17.9	391.2	21.1	420.0	23.4	458.8	26.5
	54	204.3	8.9	261.8	12.4	304.9	15.3	348.1	18.4	391.2	21.7	420.0	24.0	453.4	26.8
	58	204.3	9.2	261.8	12.8	304.9	15.8	348.1	19.0	391.2	22.4	420.0	24.8	447.6	27.2
	62	204.3	9.5	261.8	13.3	304.9	16.4	348.1	19.7	391.2	23.3	420.0	25.8	441.4	27.7
	66	204.3	9.9	261.8	13.9	304.9	17.2	348.1	20.6	391.2	24.3	420.0	26.9	434.8	28.3
	70	204.3	10.4	261.8	14.6	304.9	18.0	348.1	21.7	391.2	25.6	420.0	28.3	427.9	29.1
	72	204.3	10.7	261.8	15.0	304.9	18.5	348.1	22.3	391.2	26.3	420.0	29.1	424.3	29.5
	75	204.3	11.2	261.8	15.7	304.9	19.3	348.1	23.2	391.2	27.4	417.7	30.1	418.9	30.2
	79	204.3	11.9	261.8	16.7	304.9	20.5	348.1	24.7	391.2	29.1	410.2	31.2	411.4	31.3
	83	204.3	12.7	261.8	17.8	304.9	21.9	348.1	26.4	391.2	31.1	402.3	32.4	403.5	32.5
	87	204.3	13.6	261.8	19.1	304.9	23.5	348.1	28.3	391.2	33.4	393.8	33.7	395.0	33.8
	91	204.3	14.7	261.8	20.5	304.9	25.3	348.1	30.4	383.5	34.9	384.3	35.0	385.5	35.1
	93	204.3	15.2	261.8	21.3	304.9	26.3	348.1	31.6	378.3	35.5	379.0	35.6	380.2	35.8
	95	204.3	15.8	261.8	22.1	304.9	27.3	348.1	32.8	372.6	36.1	373.3	36.2	374.4	36.4
	99	204.3	17.1	261.8	23.9	304.9	29.5	348.1	35.5	359.4	37.1	360.1	37.2	361.2	37.4
	103	204.3	18.5	261.8	25.9	304.9	32.0	342.1	37.5	343.2	37.7	343.9	37.8	344.9	38.0
	106	204.3	19.7	261.8	27.6	304.9	34.0	327.3	37.5	328.3	37.7	329.0	37.8	330.0	37.9
	110	204.3	21.4	261.8	29.9	302.0	36.4	303.0	36.6	303.9	36.7	304.5	36.8	305.4	37.0
	115	204.3	23.7	261.2	33.1	262.0	33.2	262.8	33.3	263.6	33.5	264.1	33.6	264.9	33.7
	118	204.3	25.2	230.7	29.7	231.4	29.8	232.1	30.0	232.8	30.1	233.3	30.2	234.0	30.3
	122	179.8	23.1	180.5	23.2	181.0	23.3	181.6	23.4	182.1	23.5	182.5	23.6	183.1	23.7
130	23	200.5	7.7	257.0	10.8	299.4	13.3	341.7	16.0	384.1	18.9	412.3	20.9	454.7	24.0
	30	200.5	7.8	257.0	10.9	299.4	13.5	341.7	16.2	384.1	19.1	412.3	21.1	454.7	24.3
	40	200.5	8.0	257.0	11.2	299.4	13.8	341.7	16.6	384.1	19.6	412.3	21.7	454.7	25.0
	50	200.5	8.4	257.0	11.8	299.4	14.5	341.7	17.4	384.1	20.6	412.3	22.7	449.4	25.7
	54	200.5	8.6	257.0	12.1	299.4	14.9	341.7	17.9	384.1	21.1	412.3	23.4	444.2	26.0
	58	200.5	8.9	257.0	12.5	299.4	15.4	341.7	18.5	384.1	21.8	412.3	24.2	438.5	26.4
	62	200.5	9.3	257.0	13.0	299.4	16.0	341.7	19.2	384.1	22.7	412.3	25.1	432.4	26.9
	66	200.5	9.7	257.0	13.6	299.4	16.7	341.7	20.1	384.1	23.7	412.3	26.2	426.0	27.5
	70	200.5	10.2	257.0	14.3	299.4	17.6	341.7	21.1	384.1	24.9	412.3	27.6	419.2	28.2
	72	200.5	10.5	257.0	14.6	299.4	18.1	341.7	21.7	384.1	25.6	412.3	28.3	415.7	28.6
	75	200.5	10.9	257.0	15.3	299.4	18.8	341.7	22.6	384.1	26.7	409.2	29.2	410.4	29.3
	79	200.5	11.6	257.0	16.2	299.4	20.0	341.7	24.1	384.1	28.4	401.9	30.3	403.1	30.4
	83	200.5	12.4	257.0	17.3	299.4	21.4	341.7	25.7	384.1	30.3	394.1	31.4	395.3	31.6
	87	200.5	13.3	257.0	18.6	299.4	22.9	341.7	27.6	384.1	32.5	385.8	32.7	387.0	32.8
	91	200.5	14.3	257.0	20.0	299.4	24.7	341.7	29.6	375.8	33.9	376.5	34.0	377.6	34.1
	93	200.5	14.9	257.0	20.8	299.4	25.6	341.7	30.8	370.6	34.5	371.3	34.6	372.5	34.8
	95	200.5	15.4	257.0	21.6	299.4	26.6	341.7	32.0	365.0	35.1	365.7	35.2	366.8	35.3
	99	200.5	16.7	257.0	23.3	299.4	28.8	341.7	34.6	352.1	36.1	352.8	36.2	353.9	36.3
	103	200.5	18.1	257.0	25.3	299.4	31.2	335.2	36.5	336.2	36.6	336.9	36.7	337.9	36.9
	106	200.5	19.2	257.0	26.9	299.4	33.1	320.7	36.4	321.7	36.6	322.3	36.7	323.3	36.9
	110	200.5	20.9	257.0	29.2	295.9	35.4	296.8	35.5	297.7	35.7	298.3	35.8	299.2	35.9
	115	200.5	23.1	255.9	32.2	256.7	32.3	257.4	32.4	258.2	32.6	258.7	32.6	259.5	32.8
	118	200.5	24.6	226.0	28.9	226.7	29.0	227.4	29.2	228.1	29.3	228.5	29.4	229.2	29.5
	122	176.1	22.5	176.8	22.6	177.4	22.7	177.9	22.8	178.4	22.9	178.8	22.9	179.3	23.0

Tc: Total Capacity PI: Power Input

Table 119 - 38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	196.8	7.5	252.2	10.5	293.8	13.0	335.4	15.6	377.0	18.4	404.7	20.3	446.3	23.4
	30	196.8	7.6	252.2	10.7	293.8	13.1	335.4	15.8	377.0	18.6	404.7	20.6	446.3	23.7
	40	196.8	7.8	252.2	10.9	293.8	13.5	335.4	16.2	377.0	19.1	404.7	21.1	446.3	24.3
	50	196.8	8.2	252.2	11.5	293.8	14.1	335.4	17.0	377.0	20.0	404.7	22.1	440.1	25.0
	54	196.8	8.4	252.2	11.8	293.8	14.5	335.4	17.5	377.0	20.6	404.7	22.8	435.0	25.2
	58	196.8	8.7	252.2	12.2	293.8	15.0	335.4	18.0	377.0	21.3	404.7	23.5	429.4	25.6
	62	196.8	9.0	252.2	12.7	293.8	15.6	335.4	18.7	377.0	22.1	404.7	24.4	423.5	26.1
	66	196.8	9.5	252.2	13.2	293.8	16.3	335.4	19.6	377.0	23.1	404.7	25.5	417.1	26.7
	70	196.8	9.9	252.2	13.9	293.8	17.1	335.4	20.6	377.0	24.3	404.7	26.8	410.5	27.4
	72	196.8	10.2	252.2	14.3	293.8	17.6	335.4	21.1	377.0	24.9	404.7	27.6	407.1	27.8
	75	196.8	10.7	252.2	14.9	293.8	18.4	335.4	22.1	377.0	26.0	400.7	28.4	401.9	28.5
	79	196.8	11.3	252.2	15.8	293.8	19.5	335.4	23.4	377.0	27.6	393.5	29.4	394.7	29.5
	83	196.8	12.1	252.2	16.9	293.8	20.8	335.4	25.0	377.0	29.5	386.0	30.5	387.1	30.7
	87	196.8	13.0	252.2	18.1	293.8	22.3	335.4	26.8	377.0	31.6	377.8	31.7	379.0	31.9
	91	196.8	13.9	252.2	19.5	293.8	24.0	335.4	28.9	368.0	32.9	368.7	33.0	369.8	33.1
	93	196.8	14.5	252.2	20.3	293.8	25.0	335.4	30.0	362.9	33.5	363.7	33.6	364.8	33.7
	95	196.8	15.0	252.2	21.0	293.8	25.9	335.4	31.2	357.4	34.1	358.2	34.2	359.2	34.3
	99	196.8	16.3	252.2	22.8	293.8	28.0	335.4	33.7	344.8	35.0	345.5	35.1	346.6	35.3
	103	196.8	17.6	252.2	24.6	293.8	30.4	328.3	35.4	329.3	35.6	329.9	35.7	330.9	35.8
	106	196.8	18.7	252.2	26.2	293.8	32.3	314.0	35.4	315.0	35.5	315.6	35.6	316.6	35.8
	110	196.8	20.3	252.2	28.4	289.8	34.4	290.7	34.5	291.5	34.7	292.1	34.8	293.0	34.9
	115	196.8	22.6	250.6	31.3	251.4	31.4	252.1	31.5	252.9	31.6	253.4	31.7	254.1	31.9
	118	196.8	24.0	221.3	28.1	222.0	28.2	222.7	28.3	223.3	28.5	223.8	28.5	224.5	28.6
	122	172.5	21.8	173.2	22.0	173.7	22.1	174.2	22.1	174.7	22.2	175.1	22.3	175.6	22.4
110	23	185.9	7.0	238.3	9.7	277.5	12.0	316.8	14.4	356.1	17.0	382.3	18.7	421.5	21.5
	30	185.9	7.1	238.3	9.9	277.5	12.1	316.8	14.6	356.1	17.2	382.3	19.0	421.5	21.8
	40	185.9	7.2	238.3	10.1	277.5	12.5	316.8	15.0	356.1	17.6	382.3	19.5	421.5	22.4
	50	185.9	7.6	238.3	10.6	277.5	13.1	316.8	15.7	356.1	18.5	382.3	20.4	421.5	23.5
	54	185.9	7.8	238.3	10.9	277.5	13.4	316.8	16.1	356.1	19.0	382.3	21.0	421.5	24.1
	58	185.9	8.1	238.3	11.3	277.5	13.9	316.8	16.7	356.1	19.6	382.3	21.7	420.4	24.8
	62	185.9	8.4	238.3	11.7	277.5	14.4	316.8	17.3	356.1	20.4	382.3	22.5	414.5	25.3
	66	185.9	8.8	238.3	12.2	277.5	15.1	316.8	18.1	356.1	21.3	382.3	23.5	408.3	25.9
	70	185.9	9.2	238.3	12.9	277.5	15.8	316.8	19.0	356.1	22.4	382.3	24.7	401.8	26.6
	72	185.9	9.5	238.3	13.2	277.5	16.3	316.8	19.5	356.1	23.0	382.3	25.4	398.5	27.0
	75	185.9	9.9	238.3	13.8	277.5	17.0	316.8	20.4	356.1	24.0	382.3	26.5	393.4	27.6
	79	185.9	10.5	238.3	14.7	277.5	18.0	316.8	21.7	356.1	25.5	382.3	28.2	386.4	28.6
	83	185.9	11.2	238.3	15.7	277.5	19.3	316.8	23.1	356.1	27.2	377.8	29.6	379.0	29.7
	87	185.9	12.0	238.3	16.8	277.5	20.7	316.8	24.8	356.1	29.2	369.8	30.8	370.9	30.9
	91	185.9	12.9	238.3	18.1	277.5	22.2	316.8	26.7	356.1	31.4	360.9	32.0	362.0	32.2
	93	185.9	13.4	238.3	18.7	277.5	23.1	316.8	27.7	355.2	32.5	356.0	32.6	357.0	32.7
	95	185.9	13.9	238.3	19.5	277.5	24.0	316.8	28.8	349.9	33.1	350.6	33.2	351.6	33.3
	99	185.9	15.1	238.3	21.1	277.5	25.9	316.8	31.1	337.5	34.0	338.2	34.1	339.2	34.2
	103	185.9	16.3	238.3	22.8	277.5	28.1	316.8	33.7	322.3	34.5	322.9	34.6	323.9	34.8
	106	185.9	17.4	238.3	24.2	277.5	29.9	307.4	34.4	308.3	34.5	309.0	34.6	309.9	34.8
	110	185.9	18.8	238.3	26.3	277.5	32.4	284.5	33.5	285.4	33.7	285.9	33.8	286.8	33.9
	115	185.9	20.9	238.3	29.2	246.0	30.5	246.8	30.6	247.5	30.7	248.0	30.8	248.8	30.9
	118	185.9	22.2	216.6	27.3	217.3	27.4	218.0	27.5	218.6	27.6	219.1	27.7	219.7	27.8
	122	168.8	21.2	169.5	21.3	170.0	21.4	170.5	21.5	171.0	21.6	171.4	21.7	171.9	21.7
100	23	169.0	6.1	216.6	8.6	252.3	10.5	288.0	12.6	323.7	14.8	347.5	16.4	383.2	18.8
	30	169.0	6.2	216.6	8.7	252.3	10.7	288.0	12.8	323.7	15.0	347.5	16.6	383.2	19.0
	40	169.0	6.4	216.6	8.9	252.3	10.9	288.0	13.1	323.7	15.4	347.5	17.0	383.2	19.5
	50	169.0	6.7	216.6	9.3	252.3	11.5	288.0	13.7	323.7	16.2	347.5	17.8	383.2	20.5
	54	169.0	6.9	216.6	9.6	252.3	11.8	288.0	14.1	323.7	16.6	347.5	18.3	383.2	21.1
	58	169.0	7.1	216.6	9.9	252.3	12.2	288.0	14.6	323.7	17.2	347.5	19.0	383.2	21.8
	62	169.0	7.4	216.6	10.3	252.3	12.7	288.0	15.2	323.7	17.8	347.5	19.7	383.2	22.6
	66	169.0	7.7	216.6	10.8	252.3	13.2	288.0	15.9	323.7	18.6	347.5	20.6	383.2	23.6
	70	169.0	8.1	216.6	11.3	252.3	13.9	288.0	16.7	323.7	19.6	347.5	21.6	383.2	24.8
	72	169.0	8.3	216.6	11.6	252.3	14.3	288.0	17.1	323.7	20.1	347.5	22.2	383.2	25.5
	75	169.0	8.7	216.6	12.1	252.3	14.9	288.0	17.9	323.7	21.0	347.5	23.2	383.2	26.6
	79	169.0	9.2	216.6	12.9	252.3	15.8	288.0	19.0	323.7	22.3	347.5	24.6	378.0	27.8
	83	169.0	9.9	216.6	13.8	252.3	16.9	288.0	20.3	323.7	23.8	347.5	26.3	370.8	28.8
	87	169.0	10.6	216.6	14.8	252.3	18.1	288.0	21.7	323.7	25.6	347.5	28.2	362.9	30.0
	91	169.0	11.4	216.6	15.9	252.3	19.5	288.0	23.4	323.7	27.5	347.5	30.4	354.2	31.2
	93	169.0	11.8	216.6	16.5	252.3	20.3	288.0	24.3	323.7	28.5	347.5	31.5	349.3	31.8
	95	169.0	12.3	216.6	17.1	252.3	21.1	288.0	25.2	323.7	29.7	343.0	32.2	344.0	32.3
	99	169.0	13.3	216.6	18.5	252.3	22.8	288.0	27.3	323.7	32.1	330.9	33.1	331.9	33.2
	103	169.0	14.4	216.6	20.1	252.3	24.7	288.0	29.6	315.3	33.5	316.0	33.6	316.9	33.7
	106	169.0	15.3	216.6	21.3	252.3	26.2	288.0	31.4	301.7	33.5	302.3	33.6	303.2	33.7
	110	169.0	16.6	216.6	23.1	252.3	28.4	278.4	32.5	279.2	32.7	279.8	32.8	280.6	32.9
	115	169.0	18.4	216.6	25.7	240.7	29.6	241.4	29.7	242.2	29.8	242.7	29.9	243.4	30.0
	118	169.0	19.6	212.0	26.5	212.6	26.6	213.3	26.7	213.9	26.8	214.3	26.9	215.0	27.0
	122	165.2	20.6	165.8	20.7	166.3	20.8	166.8	20.9	167.4	21.0	167.7	21.0	168.2	21.1

Tc: Total Capacity PI: Power Input

Table 120 - 38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	152.1	5.3	194.9	7.4	227.1	9.1	259.2	10.9	291.3	12.8	312.8	14.1	344.9	16.2
	30	152.1	5.4	194.9	7.5	227.1	9.2	259.2	11.1	291.3	13.0	312.8	14.3	344.9	16.4
	40	152.1	5.5	194.9	7.7	227.1	9.5	259.2	11.3	291.3	13.3	312.8	14.7	344.9	16.8
	50	152.1	5.8	194.9	8.1	227.1	9.9	259.2	11.9	291.3	14.0	312.8	15.4	344.9	17.7
	54	152.1	6.0	194.9	8.3	227.1	10.2	259.2	12.2	291.3	14.4	312.8	15.8	344.9	18.1
	58	152.1	6.2	194.9	8.6	227.1	10.6	259.2	12.6	291.3	14.8	312.8	16.4	344.9	18.8
	62	152.1	6.4	194.9	8.9	227.1	11.0	259.2	13.1	291.3	15.4	312.8	17.0	344.9	19.5
	66	152.1	6.7	194.9	9.3	227.1	11.5	259.2	13.7	291.3	16.1	312.8	17.8	344.9	20.4
	70	152.1	7.0	194.9	9.8	227.1	12.0	259.2	14.4	291.3	16.9	312.8	18.7	344.9	21.4
	72	152.1	7.2	194.9	10.1	227.1	12.4	259.2	14.8	291.3	17.4	312.8	19.2	344.9	22.0
	75	152.1	7.5	194.9	10.5	227.1	12.9	259.2	15.5	291.3	18.1	312.8	20.0	344.9	22.9
	79	152.1	8.0	194.9	11.2	227.1	13.7	259.2	16.4	291.3	19.3	312.8	21.3	344.9	24.4
	83	152.1	8.6	194.9	11.9	227.1	14.7	259.2	17.5	291.3	20.6	312.8	22.7	344.9	26.0
	87	152.1	9.2	194.9	12.8	227.1	15.7	259.2	18.8	291.3	22.1	312.8	24.4	344.9	27.9
	91	152.1	9.9	194.9	13.8	227.1	16.9	259.2	20.2	291.3	23.8	312.8	26.2	344.9	30.0
	93	152.1	10.3	194.9	14.3	227.1	17.6	259.2	21.0	291.3	24.7	312.8	27.2	341.6	30.8
	95	152.1	10.7	194.9	14.9	227.1	18.2	259.2	21.8	291.3	25.6	312.8	28.3	336.4	31.3
	99	152.1	11.5	194.9	16.1	227.1	19.7	259.2	23.6	291.3	27.7	312.8	30.6	324.6	32.2
	103	152.1	12.5	194.9	17.4	227.1	21.4	259.2	25.6	291.3	30.0	309.0	32.6	309.9	32.7
	106	152.1	13.3	194.9	18.5	227.1	22.7	259.2	27.2	291.3	31.9	295.6	32.6	296.5	32.7
	110	152.1	14.4	194.9	20.1	227.1	24.7	259.2	29.5	273.0	31.7	273.6	31.8	274.4	31.9
	115	152.1	16.0	194.9	22.3	227.1	27.3	236.1	28.8	236.8	28.9	237.3	29.0	238.0	29.1
	118	152.1	17.0	194.9	23.7	207.9	25.8	208.5	25.9	209.2	26.0	209.6	26.1	210.2	26.2
	122	152.1	18.5	162.2	20.1	162.7	20.2	163.2	20.3	163.7	20.4	164.0	20.4	164.5	20.5
80	23	135.2	4.5	173.3	6.3	201.8	7.8	230.4	9.3	259.0	10.9	278.0	12.0	306.6	13.8
	30	135.2	4.6	173.3	6.4	201.8	7.9	230.4	9.4	259.0	11.0	278.0	12.2	306.6	13.9
	40	135.2	4.7	173.3	6.6	201.8	8.1	230.4	9.7	259.0	11.3	278.0	12.5	306.6	14.3
	50	135.2	5.0	173.3	6.9	201.8	8.5	230.4	10.1	259.0	11.9	278.0	13.1	306.6	15.0
	54	135.2	5.1	173.3	7.1	201.8	8.7	230.4	10.4	259.0	12.2	278.0	13.5	306.6	15.4
	58	135.2	5.3	173.3	7.3	201.8	9.0	230.4	10.8	259.0	12.6	278.0	13.9	306.6	15.9
	62	135.2	5.5	173.3	7.6	201.8	9.4	230.4	11.2	259.0	13.1	278.0	14.5	306.6	16.5
	66	135.2	5.7	173.3	8.0	201.8	9.8	230.4	11.7	259.0	13.7	278.0	15.1	306.6	17.3
	70	135.2	6.0	173.3	8.4	201.8	10.3	230.4	12.3	259.0	14.4	278.0	15.9	306.6	18.2
	72	135.2	6.2	173.3	8.6	201.8	10.6	230.4	12.6	259.0	14.8	278.0	16.3	306.6	18.7
	75	135.2	6.4	173.3	9.0	201.8	11.0	230.4	13.2	259.0	15.4	278.0	17.0	306.6	19.5
	79	135.2	6.8	173.3	9.5	201.8	11.7	230.4	14.0	259.0	16.4	278.0	18.1	306.6	20.7
	83	135.2	7.3	173.3	10.2	201.8	12.5	230.4	15.0	259.0	17.5	278.0	19.3	306.6	22.1
	87	135.2	7.8	173.3	10.9	201.8	13.4	230.4	16.0	259.0	18.8	278.0	20.7	306.6	23.7
	91	135.2	8.4	173.3	11.8	201.8	14.4	230.4	17.2	259.0	20.2	278.0	22.3	306.6	25.5
	93	135.2	8.8	173.3	12.2	201.8	15.0	230.4	17.9	259.0	21.0	278.0	23.1	306.6	26.5
	95	135.2	9.1	173.3	12.7	201.8	15.6	230.4	18.6	259.0	21.8	278.0	24.0	306.6	27.5
	99	135.2	9.8	173.3	13.7	201.8	16.8	230.4	20.1	259.0	23.6	278.0	26.0	306.6	29.7
	103	135.2	10.7	173.3	14.9	201.8	18.2	230.4	21.8	259.0	25.5	278.0	28.2	302.9	31.7
	106	135.2	11.3	173.3	15.8	201.8	19.4	230.4	23.2	259.0	27.2	278.0	29.9	289.8	31.7
	110	135.2	12.3	173.3	17.1	201.8	21.0	230.4	25.1	259.0	29.5	267.4	30.8	268.2	30.9
	115	135.2	13.6	173.3	19.0	201.8	23.3	230.4	27.9	231.5	28.1	231.9	28.1	232.6	28.3
	118	135.2	14.5	173.3	20.2	201.8	24.8	203.8	25.2	204.5	25.3	204.9	25.3	205.5	25.4
	122	135.2	15.8	158.5	19.5	159.0	19.6	159.5	19.7	160.0	19.7	160.3	19.8	160.8	19.9
70	23	118.3	3.8	151.6	5.3	176.6	6.5	201.6	7.8	226.6	9.1	243.3	10.0	268.3	11.4
	30	118.3	3.8	151.6	5.4	176.6	6.6	201.6	7.9	226.6	9.2	243.3	10.1	268.3	11.6
	40	118.3	3.9	151.6	5.5	176.6	6.8	201.6	8.1	226.6	9.5	243.3	10.4	268.3	11.9
	50	118.3	4.1	151.6	5.8	176.6	7.1	201.6	8.5	226.6	9.9	243.3	10.9	268.3	12.5
	54	118.3	4.3	151.6	5.9	176.6	7.3	201.6	8.7	226.6	10.2	243.3	11.2	268.3	12.8
	58	118.3	4.4	151.6	6.1	176.6	7.5	201.6	9.0	226.6	10.5	243.3	11.6	268.3	13.2
	62	118.3	4.6	151.6	6.4	176.6	7.8	201.6	9.3	226.6	10.9	243.3	12.0	268.3	13.8
	66	118.3	4.8	151.6	6.7	176.6	8.2	201.6	9.8	226.6	11.4	243.3	12.6	268.3	14.4
	70	118.3	5.0	151.6	7.0	176.6	8.6	201.6	10.3	226.6	12.0	243.3	13.2	268.3	15.1
	72	118.3	5.1	151.6	7.2	176.6	8.8	201.6	10.5	226.6	12.3	243.3	13.6	268.3	15.5
	75	118.3	5.4	151.6	7.5	176.6	9.2	201.6	11.0	226.6	12.9	243.3	14.2	268.3	16.2
	79	118.3	5.7	151.6	8.0	176.6	9.8	201.6	11.7	226.6	13.7	243.3	15.1	268.3	17.2
	83	118.3	6.1	151.6	8.5	176.6	10.5	201.6	12.5	226.6	14.6	243.3	16.1	268.3	18.4
	87	118.3	6.5	151.6	9.1	176.6	11.2	201.6	13.4	226.6	15.7	243.3	17.3	268.3	19.7
	91	118.3	7.0	151.6	9.8	176.6	12.1	201.6	14.4	226.6	16.9	243.3	18.6	268.3	21.2
	93	118.3	7.3	151.6	10.2	176.6	12.5	201.6	15.0	226.6	17.5	243.3	19.3	268.3	22.0
	95	118.3	7.6	151.6	10.6	176.6	13.0	201.6	15.5	226.6	18.2	243.3	20.0	268.3	22.9
	99	118.3	8.2	151.6	11.5	176.6	14.1	201.6	16.8	226.6	19.7	243.3	21.7	268.3	24.7
	103	118.3	8.9	151.6	12.4	176.6	15.2	201.6	18.2	226.6	21.3	243.3	23.5	268.3	26.8
	106	118.3	9.5	151.6	13.2	176.6	16.2	201.6	19.4	226.6	22.7	243.3	24.9	268.3	28.5
	110	118.3	10.3	151.6	14.3	176.6	17.6	201.6	21.0	226.6	24.6	243.3	27.1	262.0	29.9
	115	118.3	11.4	151.6	15.9	176.6	19.5	201.6	23.3	226.1	27.2	226.6	27.3	227.3	27.4
	118	118.3	12.1	151.6	16.9	176.6	20.8	199.1	24.4	199.7	24.5	200.1	24.5	200.7	24.6
	122	118.3	13.2	151.6	18.4	155.3	19.0	155.8	19.1	156.3	19.1	156.6	19.2	157.1	19.3

Tc: Total Capacity PI: Power Input

Table 121 - 38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	101.4	3.1	130.0	4.3	151.4	5.3	172.8	6.3	194.2	7.4	208.5	8.1	229.9	9.3
	30	101.4	3.1	130.0	4.4	151.4	5.4	172.8	6.4	194.2	7.5	208.5	8.2	229.9	9.4
	40	101.4	3.2	130.0	4.5	151.4	5.5	172.8	6.6	194.2	7.7	208.5	8.5	229.9	9.6
	50	101.4	3.3	130.0	4.7	151.4	5.8	172.8	6.9	194.2	8.1	208.5	8.9	229.9	10.1
	54	101.4	3.4	130.0	4.8	151.4	5.9	172.8	7.1	194.2	8.3	208.5	9.1	229.9	10.4
	58	101.4	3.6	130.0	5.0	151.4	6.1	172.8	7.3	194.2	8.6	208.5	9.4	229.9	10.7
	62	101.4	3.7	130.0	5.2	151.4	6.4	172.8	7.6	194.2	8.9	208.5	9.8	229.9	11.2
	66	101.4	3.9	130.0	5.4	151.4	6.7	172.8	7.9	194.2	9.3	208.5	10.2	229.9	11.7
	70	101.4	4.1	130.0	5.7	151.4	7.0	172.8	8.3	194.2	9.8	208.5	10.7	229.9	12.3
	72	101.4	4.2	130.0	5.8	151.4	7.2	172.8	8.6	194.2	10.0	208.5	11.0	229.9	12.6
	75	101.4	4.3	130.0	6.1	151.4	7.5	172.8	8.9	194.2	10.5	208.5	11.5	229.9	13.1
	79	101.4	4.6	130.0	6.5	151.4	8.0	172.8	9.5	194.2	11.1	208.5	12.2	229.9	14.0
	83	101.4	4.9	130.0	6.9	151.4	8.5	172.8	10.2	194.2	11.9	208.5	13.1	229.9	14.9
	87	101.4	5.3	130.0	7.4	151.4	9.1	172.8	10.9	194.2	12.7	208.5	14.0	229.9	16.0
	91	101.4	5.7	130.0	8.0	151.4	9.8	172.8	11.7	194.2	13.7	208.5	15.1	229.9	17.2
	93	101.4	5.9	130.0	8.3	151.4	10.2	172.8	12.2	194.2	14.2	208.5	15.7	229.9	17.9
	95	101.4	6.1	130.0	8.6	151.4	10.6	172.8	12.6	194.2	14.8	208.5	16.3	229.9	18.6
	99	101.4	6.6	130.0	9.3	151.4	11.4	172.8	13.7	194.2	16.0	208.5	17.6	229.9	20.1
	103	101.4	7.2	130.0	10.1	151.4	12.4	172.8	14.8	194.2	17.3	208.5	19.1	229.9	21.7
	106	101.4	7.6	130.0	10.7	151.4	13.2	172.8	15.7	194.2	18.4	208.5	20.2	229.9	23.1
	110	101.4	8.3	130.0	11.7	151.4	14.3	172.8	17.1	194.2	20.0	208.5	22.0	229.9	25.1
	115	101.4	9.2	130.0	12.9	151.4	15.9	172.8	18.9	194.2	22.2	208.5	24.4	221.9	26.5
	118	101.4	9.8	130.0	13.8	151.4	16.9	172.8	20.2	194.2	23.6	195.4	23.8	196.0	23.9
	122	101.4	10.6	130.0	14.9	151.4	18.3	152.1	18.5	152.6	18.5	152.9	18.6	153.3	18.7
50	23	84.5	2.4	108.3	3.4	126.2	4.1	144.0	5.0	161.9	5.8	173.8	6.4	191.6	7.3
	30	84.5	2.4	108.3	3.4	126.2	4.2	144.0	5.0	161.9	5.9	173.8	6.4	191.6	7.4
	40	84.5	2.5	108.3	3.5	126.2	4.3	144.0	5.1	161.9	6.0	173.8	6.6	191.6	7.5
	50	84.5	2.6	108.3	3.7	126.2	4.5	144.0	5.4	161.9	6.3	173.8	6.9	191.6	7.9
	54	84.5	2.7	108.3	3.8	126.2	4.6	144.0	5.5	161.9	6.5	173.8	7.1	191.6	8.1
	58	84.5	2.8	108.3	3.9	126.2	4.8	144.0	5.7	161.9	6.7	173.8	7.4	191.6	8.4
	62	84.5	2.9	108.3	4.0	126.2	5.0	144.0	6.0	161.9	7.0	173.8	7.7	191.6	8.7
	66	84.5	3.0	108.3	4.2	126.2	5.2	144.0	6.2	161.9	7.3	173.8	8.0	191.6	9.1
	70	84.5	3.1	108.3	4.4	126.2	5.5	144.0	6.5	161.9	7.6	173.8	8.4	191.6	9.6
	72	84.5	3.2	108.3	4.6	126.2	5.6	144.0	6.7	161.9	7.9	173.8	8.6	191.6	9.8
	75	84.5	3.4	108.3	4.8	126.2	5.9	144.0	7.0	161.9	8.2	173.8	9.0	191.6	10.3
	79	84.5	3.6	108.3	5.1	126.2	6.2	144.0	7.5	161.9	8.7	173.8	9.6	191.6	10.9
	83	84.5	3.8	108.3	5.4	126.2	6.7	144.0	8.0	161.9	9.3	173.8	10.2	191.6	11.7
	87	84.5	4.1	108.3	5.8	126.2	7.1	144.0	8.5	161.9	10.0	173.8	11.0	191.6	12.5
	91	84.5	4.4	108.3	6.2	126.2	7.7	144.0	9.2	161.9	10.7	173.8	11.8	191.6	13.5
	93	84.5	4.6	108.3	6.5	126.2	8.0	144.0	9.5	161.9	11.1	173.8	12.3	191.6	14.0
	95	84.5	4.8	108.3	6.7	126.2	8.3	144.0	9.9	161.9	11.6	173.8	12.7	191.6	14.5
	99	84.5	5.1	108.3	7.3	126.2	9.0	144.0	10.7	161.9	12.5	173.8	13.8	191.6	15.7
	103	84.5	5.6	108.3	7.9	126.2	9.7	144.0	11.6	161.9	13.6	173.8	14.9	191.6	17.0
	106	84.5	5.9	108.3	8.4	126.2	10.3	144.0	12.3	161.9	14.4	173.8	15.9	191.6	18.1
	110	84.5	6.4	108.3	9.1	126.2	11.2	144.0	13.4	161.9	15.6	173.8	17.2	191.6	19.6
	115	84.5	7.1	108.3	10.1	126.2	12.4	144.0	14.8	161.9	17.4	173.8	19.1	191.6	21.8
	118	84.5	7.6	108.3	10.7	126.2	13.2	144.0	15.8	161.9	18.5	173.8	20.3	191.2	23.1
	122	84.5	8.2	108.3	11.7	126.2	14.4	144.0	17.2	148.9	17.9	149.2	18.0	149.6	18.1

Tc: Total Capacity PI: Power Input

Table 122 - 38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	223.7	9.0	286.7	12.6	334.0	15.5	381.2	18.6	428.5	22.0	460.0	24.3	500.9	27.5
	30	223.7	9.1	286.7	12.7	334.0	15.7	381.2	18.9	428.5	22.2	460.0	24.6	490.3	27.0
	40	223.7	9.3	286.7	13.0	334.0	16.1	381.2	19.4	428.5	22.8	460.0	25.3	479.6	26.8
	50	223.7	9.8	286.7	13.7	334.0	16.9	381.2	20.3	428.5	23.9	460.0	26.5	468.1	27.2
	54	223.7	10.0	286.7	14.1	334.0	17.3	381.2	20.9	428.5	24.6	460.0	27.2	462.6	27.5
	58	223.7	10.4	286.7	14.5	334.0	17.9	381.2	21.6	428.5	25.4	455.3	27.7	456.7	27.9
	62	223.7	10.8	286.7	15.1	334.0	18.6	381.2	22.4	428.5	26.4	449.0	28.2	450.3	28.4
	66	223.7	11.3	286.7	15.8	334.0	19.5	381.2	23.4	428.5	27.6	442.3	28.9	443.6	29.0
	70	223.7	11.8	286.7	16.6	334.0	20.4	381.2	24.6	428.5	29.0	435.3	29.7	436.6	29.8
	72	223.7	12.2	286.7	17.0	334.0	21.0	381.2	25.3	428.5	29.8	431.7	30.1	433.0	30.2
	75	223.7	12.7	286.7	17.8	334.0	21.9	381.2	26.4	425.3	30.8	426.1	30.9	427.4	31.0
	79	223.7	13.5	286.7	18.9	334.0	23.3	381.2	28.0	417.7	31.9	418.5	32.0	419.8	32.1
	83	223.7	14.4	286.7	20.2	334.0	24.9	381.2	29.9	409.7	33.1	410.5	33.2	411.7	33.4
	87	223.7	15.5	286.7	21.6	334.0	26.7	381.2	32.1	401.0	34.5	401.8	34.6	403.0	34.7
	91	223.7	16.6	286.7	23.3	334.0	28.7	381.2	34.5	391.3	35.8	392.1	35.9	393.3	36.1
	93	223.7	17.3	286.7	24.2	334.0	29.8	381.2	35.8	386.0	36.5	386.7	36.6	387.9	36.7
	95	223.7	17.9	286.7	25.1	334.0	31.0	379.0	36.9	380.1	37.1	380.9	37.2	382.0	37.4
	99	223.7	19.4	286.7	27.1	334.0	33.5	365.6	38.0	366.7	38.1	367.4	38.2	368.6	38.4
	103	223.7	21.0	286.7	29.4	334.0	36.3	349.1	38.6	350.1	38.7	350.8	38.8	351.9	39.0
	106	223.7	22.3	286.7	31.3	333.0	38.4	334.0	38.6	335.0	38.7	335.7	38.8	336.7	39.0
	110	223.7	24.2	286.7	33.9	308.2	37.5	309.1	37.6	310.0	37.8	310.7	37.9	311.6	38.0
	115	223.7	26.9	266.5	34.1	267.3	34.2	268.1	34.3	268.9	34.5	269.5	34.6	270.3	34.7
	118	223.7	28.6	235.4	30.6	236.1	30.8	236.8	30.9	237.5	31.0	238.0	31.1	238.7	31.2
	122	183.4	23.8	184.2	23.9	184.7	24.0	185.3	24.1	185.8	24.2	186.2	24.3	186.8	24.4
140	23	219.3	8.7	281.1	12.2	327.4	15.1	373.8	18.1	420.1	21.4	451.0	23.6	490.9	26.7
	30	219.3	8.8	281.1	12.4	327.4	15.3	373.8	18.3	420.1	21.6	451.0	23.9	480.6	26.2
	40	219.3	9.1	281.1	12.7	327.4	15.7	373.8	18.8	420.1	22.2	451.0	24.6	470.1	26.1
	50	219.3	9.5	281.1	13.3	327.4	16.4	373.8	19.7	420.1	23.3	451.0	25.8	458.8	26.4
	54	219.3	9.8	281.1	13.7	327.4	16.9	373.8	20.3	420.1	23.9	451.0	26.5	453.4	26.7
	58	219.3	10.1	281.1	14.1	327.4	17.4	373.8	21.0	420.1	24.7	446.3	26.9	447.6	27.1
	62	219.3	10.5	281.1	14.7	327.4	18.1	373.8	21.8	420.1	25.7	440.0	27.4	441.4	27.6
	66	219.3	11.0	281.1	15.4	327.4	18.9	373.8	22.8	420.1	26.8	433.5	28.1	434.8	28.2
	70	219.3	11.5	281.1	16.1	327.4	19.9	373.8	23.9	420.1	28.2	426.6	28.8	427.9	29.0
	72	219.3	11.8	281.1	16.6	327.4	20.4	373.8	24.6	420.1	29.0	423.1	29.3	424.3	29.4
	75	219.3	12.4	281.1	17.3	327.4	21.3	373.8	25.6	416.8	29.9	417.7	30.0	418.9	30.1
	79	219.3	13.1	281.1	18.4	327.4	22.7	373.8	27.3	409.4	31.0	410.2	31.1	411.4	31.2
	83	219.3	14.0	281.1	19.6	327.4	24.2	373.8	29.1	401.5	32.2	402.3	32.3	403.5	32.4
	87	219.3	15.0	281.1	21.1	327.4	26.0	373.8	31.2	393.0	33.5	393.8	33.6	395.0	33.7
	91	219.3	16.2	281.1	22.6	327.4	27.9	373.8	33.6	383.5	34.8	384.3	34.9	385.5	35.1
	93	219.3	16.8	281.1	23.5	327.4	29.0	373.8	34.9	378.3	35.5	379.0	35.6	380.2	35.7
	95	219.3	17.5	281.1	24.4	327.4	30.1	371.4	35.9	372.6	36.1	373.3	36.2	374.4	36.3
	99	219.3	18.9	281.1	26.4	327.4	32.6	358.3	36.9	359.4	37.1	360.1	37.2	361.2	37.3
	103	219.3	20.5	281.1	28.6	327.4	35.3	342.1	37.5	343.2	37.7	343.9	37.8	344.9	37.9
	106	219.3	21.7	281.1	30.4	326.3	37.3	327.3	37.5	328.3	37.7	329.0	37.8	330.0	37.9
	110	219.3	23.6	281.1	33.0	302.0	36.4	303.0	36.6	303.9	36.7	304.5	36.8	305.4	37.0
	115	219.3	26.2	261.2	33.1	262.0	33.3	262.8	33.4	263.6	33.5	264.1	33.6	264.9	33.8
	118	219.3	27.9	230.7	29.8	231.4	29.9	232.1	30.1	232.8	30.2	233.3	30.3	234.0	30.4
	122	179.8	23.2	180.5	23.3	181.0	23.4	181.6	23.5	182.1	23.6	182.5	23.7	183.1	23.7
130	23	214.9	8.5	275.5	11.9	320.9	14.7	366.3	17.6	411.7	20.8	442.0	23.0	481.0	25.9
	30	214.9	8.6	275.5	12.0	320.9	14.8	366.3	17.8	411.7	21.0	442.0	23.3	470.8	25.5
	40	214.9	8.8	275.5	12.4	320.9	15.2	366.3	18.3	411.7	21.6	442.0	23.9	460.5	25.3
	50	214.9	9.3	275.5	13.0	320.9	16.0	366.3	19.2	411.7	22.6	442.0	25.0	449.4	25.6
	54	214.9	9.5	275.5	13.3	320.9	16.4	366.3	19.7	411.7	23.3	442.0	25.7	444.2	25.9
	58	214.9	9.8	275.5	13.8	320.9	17.0	366.3	20.4	411.7	24.0	437.2	26.2	438.5	26.3
	62	214.9	10.2	275.5	14.3	320.9	17.6	366.3	21.2	411.7	25.0	431.1	26.7	432.4	26.8
	66	214.9	10.7	275.5	14.9	320.9	18.4	366.3	22.1	411.7	26.1	424.7	27.3	426.0	27.4
	70	214.9	11.2	275.5	15.7	320.9	19.3	366.3	23.3	411.7	27.4	417.9	28.0	419.2	28.1
	72	214.9	11.5	275.5	16.1	320.9	19.9	366.3	23.9	411.7	28.2	414.5	28.4	415.7	28.5
	75	214.9	12.0	275.5	16.8	320.9	20.7	366.3	24.9	408.4	29.0	409.2	29.1	410.4	29.3
	79	214.9	12.8	275.5	17.9	320.9	22.1	366.3	26.5	401.1	30.1	401.9	30.2	403.1	30.3
	83	214.9	13.7	275.5	19.1	320.9	23.5	366.3	28.3	393.4	31.3	394.1	31.4	395.3	31.5
	87	214.9	14.6	275.5	20.5	320.9	25.2	366.3	30.3	385.0	32.5	385.8	32.6	387.0	32.8
	91	214.9	15.8	275.5	22.0	320.9	27.2	366.3	32.6	375.8	33.8	376.5	33.9	377.6	34.1
	93	214.9	16.4	275.5	22.9	320.9	28.2	366.3	33.9	370.6	34.5	371.3	34.5	372.5	34.7
	95	214.9	17.0	275.5	23.8	320.9	29.3	363.9	34.9	365.0	35.0	365.7	35.1	366.8	35.3
	99	214.9	18.4	275.5	25.7	320.9	31.7	351.1	35.9	352.1	36.0	352.8	36.1	353.9	36.3
	103	214.9	19.9	275.5	27.8	320.9	34.3	335.2	36.5	336.2	36.6	336.9	36.7	337.9	36.9
	106	214.9	21.2	275.5	29.6	319.7	36.3	320.7	36.4	321.7	36.6	322.3	36.7	323.3	36.9
	110	214.9	23.0	275.5	32.1	295.9	35.4	296.8	35.6	297.7	35.7	298.3	35.8	299.2	36.0
	115	214.9	25.5	255.9	32.2	256.7	32.4	257.4	32.5	258.2	32.6	258.7	32.7	259.5	32.8
	118	214.9	27.1	226.0	29.0	226.7	29.1	227.4	29.2	228.1	29.4	228.5	29.4	229.2	29.6
	122	176.1	22.5	176.8	22.7	177.4	22.8	177.9	22.9	178.4	22.9	178.8	23.0	179.3	23.1

Tc: Total Capacity PI: Power Input

Table 123 - 38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	210.6	8.3	269.9	11.6	314.4	14.2	358.8	17.1	403.3	20.2	433.0	22.3	471.0	25.2
	30	210.6	8.4	269.9	11.7	314.4	14.4	358.8	17.3	403.3	20.4	433.0	22.6	461.1	24.7
	40	210.6	8.6	269.9	12.0	314.4	14.8	358.8	17.8	403.3	21.0	433.0	23.2	451.0	24.6
	50	210.6	9.0	269.9	12.6	314.4	15.5	358.8	18.6	403.3	22.0	433.0	24.3	440.1	24.9
	54	210.6	9.3	269.9	12.9	314.4	16.0	358.8	19.2	403.3	22.6	433.0	25.0	435.0	25.1
	58	210.6	9.6	269.9	13.4	314.4	16.5	358.8	19.8	403.3	23.3	428.2	25.4	429.4	25.5
	62	210.6	9.9	269.9	13.9	314.4	17.1	358.8	20.6	403.3	24.2	422.2	25.9	423.5	26.0
	66	210.6	10.4	269.9	14.5	314.4	17.9	358.8	21.5	403.3	25.3	415.9	26.5	417.1	26.6
	70	210.6	10.9	269.9	15.3	314.4	18.8	358.8	22.6	403.3	26.6	409.3	27.2	410.5	27.3
	72	210.6	11.2	269.9	15.7	314.4	19.3	358.8	23.2	403.3	27.3	405.9	27.6	407.1	27.7
	75	210.6	11.7	269.9	16.4	314.4	20.2	358.8	24.2	399.9	28.2	400.7	28.3	401.9	28.4
	79	210.6	12.4	269.9	17.4	314.4	21.4	358.8	25.7	392.7	29.2	393.5	29.3	394.7	29.4
	83	210.6	13.3	269.9	18.6	314.4	22.9	358.8	27.5	385.2	30.4	386.0	30.5	387.1	30.6
	87	210.6	14.2	269.9	19.9	314.4	24.5	358.8	29.5	377.1	31.6	377.8	31.7	379.0	31.8
	91	210.6	15.3	269.9	21.4	314.4	26.4	358.8	31.7	368.0	32.8	368.7	32.9	369.8	33.1
	93	210.6	15.9	269.9	22.2	314.4	27.4	358.8	32.9	362.9	33.5	363.7	33.6	364.8	33.7
	95	210.6	16.5	269.9	23.1	314.4	28.5	356.4	33.9	357.4	34.0	358.2	34.1	359.2	34.3
	99	210.6	17.9	269.9	25.0	314.4	30.8	343.8	34.9	344.8	35.0	345.5	35.1	346.6	35.2
	103	210.6	19.4	269.9	27.1	314.4	33.4	328.3	35.4	329.3	35.6	329.9	35.7	330.9	35.8
	106	210.6	20.6	269.9	28.8	313.1	35.3	314.0	35.4	315.0	35.6	315.6	35.7	316.6	35.8
	110	210.6	22.3	269.9	31.2	289.8	34.4	290.7	34.6	291.5	34.7	292.1	34.8	293.0	34.9
	115	210.6	24.8	250.6	31.3	251.4	31.5	252.1	31.6	252.9	31.7	253.4	31.8	254.1	31.9
	118	210.6	26.4	221.3	28.2	222.0	28.3	222.7	28.4	223.3	28.5	223.8	28.6	224.5	28.7
	122	172.5	21.9	173.2	22.0	173.7	22.1	174.2	22.2	174.7	22.3	175.1	22.4	175.6	22.5
110	23	201.4	7.8	258.1	10.9	300.7	13.4	343.2	16.1	385.8	18.9	414.1	20.9	456.7	24.1
	30	201.4	7.9	258.1	11.0	300.7	13.6	343.2	16.3	385.8	19.2	414.1	21.2	451.3	24.0
	40	201.4	8.1	258.1	11.3	300.7	13.9	343.2	16.7	385.8	19.7	414.1	21.8	441.4	23.8
	50	201.4	8.5	258.1	11.9	300.7	14.6	343.2	17.5	385.8	20.6	414.1	22.8	430.8	24.1
	54	201.4	8.7	258.1	12.2	300.7	15.0	343.2	18.0	385.8	21.2	414.1	23.4	425.8	24.4
	58	201.4	9.0	258.1	12.6	300.7	15.5	343.2	18.6	385.8	21.9	414.1	24.2	420.4	24.7
	62	201.4	9.4	258.1	13.1	300.7	16.1	343.2	19.3	385.8	22.8	413.3	25.1	414.5	25.2
	66	201.4	9.8	258.1	13.7	300.7	16.8	343.2	20.2	385.8	23.8	407.1	25.7	408.3	25.8
	70	201.4	10.3	258.1	14.4	300.7	17.7	343.2	21.2	385.8	25.0	400.6	26.4	401.8	26.5
	72	201.4	10.6	258.1	14.8	300.7	18.2	343.2	21.8	385.8	25.7	397.3	26.8	398.5	26.9
	75	201.4	11.0	258.1	15.4	300.7	19.0	343.2	22.8	385.8	26.8	392.2	27.4	393.4	27.6
	79	201.4	11.7	258.1	16.4	300.7	20.2	343.2	24.2	384.4	28.4	385.2	28.4	386.4	28.6
	83	201.4	12.5	258.1	17.5	300.7	21.5	343.2	25.8	377.1	29.5	377.8	29.6	379.0	29.7
	87	201.4	13.4	258.1	18.7	300.7	23.1	343.2	27.7	369.1	30.7	369.8	30.8	370.9	30.9
	91	201.4	14.4	258.1	20.2	300.7	24.8	343.2	29.8	360.2	31.9	360.9	32.0	362.0	32.1
	93	201.4	15.0	258.1	20.9	300.7	25.8	343.2	31.0	355.2	32.5	356.0	32.6	357.0	32.7
	95	201.4	15.6	258.1	21.8	300.7	26.8	343.2	32.2	349.9	33.0	350.6	33.1	351.6	33.3
	99	201.4	16.8	258.1	23.5	300.7	29.0	336.5	33.8	337.5	34.0	338.2	34.1	339.2	34.2
	103	201.4	18.2	258.1	25.5	300.7	31.4	321.3	34.4	322.3	34.5	322.9	34.6	323.9	34.8
	106	201.4	19.4	258.1	27.1	300.7	33.4	307.4	34.4	308.3	34.5	309.0	34.6	309.9	34.8
	110	201.4	21.1	258.1	29.4	283.6	33.4	284.5	33.6	285.4	33.7	285.9	33.8	286.8	33.9
	115	201.4	23.3	245.3	30.4	246.0	30.6	246.8	30.7	247.5	30.8	248.0	30.9	248.8	31.0
	118	201.4	24.8	216.6	27.4	217.3	27.5	218.0	27.6	218.6	27.7	219.1	27.8	219.7	27.9
	122	168.8	21.3	169.5	21.4	170.0	21.5	170.5	21.6	171.0	21.7	171.4	21.7	171.9	21.8
100	23	183.1	6.9	234.6	9.6	273.3	11.8	312.0	14.1	350.7	16.6	376.5	18.3	415.2	21.0
	30	183.1	6.9	234.6	9.7	273.3	11.9	312.0	14.3	350.7	16.8	376.5	18.5	415.2	21.3
	40	183.1	7.1	234.6	9.9	273.3	12.2	312.0	14.6	350.7	17.2	376.5	19.0	415.2	21.8
	50	183.1	7.5	234.6	10.4	273.3	12.8	312.0	15.4	350.7	18.1	376.5	19.9	415.2	22.9
	54	183.1	7.7	234.6	10.7	273.3	13.2	312.0	15.8	350.7	18.6	376.5	20.5	415.2	23.5
	58	183.1	7.9	234.6	11.1	273.3	13.6	312.0	16.3	350.7	19.2	376.5	21.2	411.3	24.0
	62	183.1	8.2	234.6	11.5	273.3	14.1	312.0	16.9	350.7	19.9	376.5	22.0	405.5	24.4
	66	183.1	8.6	234.6	12.0	273.3	14.8	312.0	17.7	350.7	20.8	376.5	23.0	399.5	25.0
	70	183.1	9.1	234.6	12.6	273.3	15.5	312.0	18.6	350.7	21.9	376.5	24.2	393.2	25.7
	72	183.1	9.3	234.6	13.0	273.3	16.0	312.0	19.1	350.7	22.5	376.5	24.8	389.9	26.1
	75	183.1	9.7	234.6	13.5	273.3	16.6	312.0	20.0	350.7	23.5	376.5	25.9	384.9	26.7
	79	183.1	10.3	234.6	14.4	273.3	17.7	312.0	21.2	350.7	24.9	376.5	27.5	378.0	27.7
	83	183.1	11.0	234.6	15.4	273.3	18.9	312.0	22.7	350.7	26.6	369.7	28.7	370.8	28.8
	87	183.1	11.8	234.6	16.5	273.3	20.3	312.0	24.3	350.7	28.6	361.8	29.8	362.9	30.0
	91	183.1	12.7	234.6	17.7	273.3	21.8	312.0	26.1	350.7	30.7	353.1	31.0	354.2	31.1
	93	183.1	13.2	234.6	18.4	273.3	22.6	312.0	27.1	347.6	31.5	348.3	31.6	349.3	31.7
	95	183.1	13.7	234.6	19.1	273.3	23.5	312.0	28.2	342.3	32.0	343.0	32.1	344.0	32.3
	99	183.1	14.8	234.6	20.7	273.3	25.4	312.0	30.5	330.2	33.0	330.9	33.1	331.9	33.2
	103	183.1	16.1	234.6	22.4	273.3	27.6	312.0	33.0	315.3	33.5	316.0	33.6	316.9	33.7
	106	183.1	17.1	234.6	23.8	273.3	29.3	300.8	33.4	301.7	33.5	302.3	33.6	303.2	33.7
	110	183.1	18.5	234.6	25.9	273.3	31.8	278.4	32.6	279.2	32.7	279.8	32.8	280.6	32.9
	115	183.1	20.5	234.6	28.7	240.7	29.7	241.4	29.8	242.2	29.9	242.7	30.0	243.4	30.1
	118	183.1	21.9	212.0	26.6	212.6	26.7	213.3	26.8	213.9	26.9	214.3	27.0	215.0	27.1
	122	165.2	20.7	165.8	20.8	166.3	20.9	166.8	21.0	167.4	21.1	167.7	21.1	168.2	21.2

Tc: Total Capacity PI: Power Input

Table 124 - 38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	164.8	6.0	211.2	8.3	246.0	10.2	280.8	12.2	315.6	14.3	338.8	15.8	373.6	18.1
	30	164.8	6.0	211.2	8.4	246.0	10.3	280.8	12.4	315.6	14.5	338.8	16.0	373.6	18.3
	40	164.8	6.2	211.2	8.6	246.0	10.6	280.8	12.7	315.6	14.9	338.8	16.4	373.6	18.8
	50	164.8	6.5	211.2	9.0	246.0	11.1	280.8	13.3	315.6	15.6	338.8	17.2	373.6	19.7
	54	164.8	6.7	211.2	9.3	246.0	11.4	280.8	13.7	315.6	16.0	338.8	17.7	373.6	20.3
	58	164.8	6.9	211.2	9.6	246.0	11.8	280.8	14.1	315.6	16.6	338.8	18.3	373.6	21.0
	62	164.8	7.2	211.2	10.0	246.0	12.3	280.8	14.7	315.6	17.2	338.8	19.0	373.6	21.8
	66	164.8	7.5	211.2	10.4	246.0	12.8	280.8	15.3	315.6	18.0	338.8	19.8	373.6	22.8
	70	164.8	7.9	211.2	11.0	246.0	13.5	280.8	16.1	315.6	18.9	338.8	20.9	373.6	23.9
	72	164.8	8.1	211.2	11.3	246.0	13.8	280.8	16.5	315.6	19.4	338.8	21.4	373.6	24.6
	75	164.8	8.4	211.2	11.8	246.0	14.4	280.8	17.3	315.6	20.3	338.8	22.4	373.6	25.6
	79	164.8	9.0	211.2	12.5	246.0	15.3	280.8	18.4	315.6	21.6	338.8	23.8	369.7	26.8
	83	164.8	9.6	211.2	13.3	246.0	16.4	280.8	19.6	315.6	23.0	338.8	25.4	362.6	27.9
	87	164.8	10.3	211.2	14.3	246.0	17.6	280.8	21.0	315.6	24.7	338.8	27.2	354.9	29.0
	91	164.8	11.0	211.2	15.4	246.0	18.9	280.8	22.6	315.6	26.5	338.8	29.3	346.4	30.2
	93	164.8	11.5	211.2	16.0	246.0	19.6	280.8	23.5	315.6	27.6	338.8	30.4	341.6	30.8
	95	164.8	11.9	211.2	16.6	246.0	20.4	280.8	24.4	315.6	28.6	335.4	31.2	336.4	31.3
	99	164.8	12.9	211.2	18.0	246.0	22.0	280.8	26.4	315.6	31.0	323.6	32.1	324.6	32.2
	103	164.8	13.9	211.2	19.4	246.0	23.9	280.8	28.6	308.4	32.5	309.0	32.6	309.9	32.7
	106	164.8	14.8	211.2	20.7	246.0	25.4	280.8	30.4	295.0	32.5	295.6	32.6	296.5	32.7
	110	164.8	16.1	211.2	22.4	246.0	27.6	272.2	31.6	273.0	31.7	273.6	31.8	274.4	32.0
	115	164.8	17.8	211.2	24.9	235.4	28.8	236.1	28.9	236.8	29.0	237.3	29.1	238.0	29.2
	118	164.8	19.0	207.3	25.8	207.9	25.9	208.5	26.0	209.2	26.1	209.6	26.2	210.2	26.3
	122	161.5	20.1	162.2	20.2	162.7	20.3	163.2	20.4	163.7	20.4	164.0	20.5	164.5	20.6
80	23	146.5	5.1	187.7	7.1	218.7	8.7	249.6	10.4	280.5	12.2	301.2	13.4	332.1	15.4
	30	146.5	5.1	187.7	7.2	218.7	8.8	249.6	10.5	280.5	12.3	301.2	13.6	332.1	15.6
	40	146.5	5.3	187.7	7.4	218.7	9.0	249.6	10.8	280.5	12.7	301.2	14.0	332.1	16.0
	50	146.5	5.5	187.7	7.7	218.7	9.5	249.6	11.3	280.5	13.3	301.2	14.6	332.1	16.7
	54	146.5	5.7	187.7	7.9	218.7	9.7	249.6	11.6	280.5	13.6	301.2	15.0	332.1	17.2
	58	146.5	5.9	187.7	8.2	218.7	10.1	249.6	12.0	280.5	14.1	301.2	15.5	332.1	17.8
	62	146.5	6.1	187.7	8.5	218.7	10.5	249.6	12.5	280.5	14.7	301.2	16.1	332.1	18.5
	66	146.5	6.4	187.7	8.9	218.7	10.9	249.6	13.1	280.5	15.3	301.2	16.9	332.1	19.3
	70	146.5	6.7	187.7	9.4	218.7	11.5	249.6	13.7	280.5	16.1	301.2	17.7	332.1	20.3
	72	146.5	6.9	187.7	9.6	218.7	11.8	249.6	14.1	280.5	16.5	301.2	18.2	332.1	20.8
	75	146.5	7.2	187.7	10.0	218.7	12.3	249.6	14.7	280.5	17.3	301.2	19.0	332.1	21.8
	79	146.5	7.6	187.7	10.7	218.7	13.1	249.6	15.6	280.5	18.3	301.2	20.2	332.1	23.1
	83	146.5	8.2	187.7	11.4	218.7	14.0	249.6	16.7	280.5	19.6	301.2	21.6	332.1	24.7
	87	146.5	8.8	187.7	12.2	218.7	15.0	249.6	17.9	280.5	21.0	301.2	23.1	332.1	26.5
	91	146.5	9.4	187.7	13.1	218.7	16.1	249.6	19.3	280.5	22.6	301.2	24.9	332.1	28.5
	93	146.5	9.8	187.7	13.6	218.7	16.7	249.6	20.0	280.5	23.5	301.2	25.8	332.1	29.6
	95	146.5	10.2	187.7	14.2	218.7	17.4	249.6	20.8	280.5	24.4	301.2	26.9	328.8	30.3
	99	146.5	11.0	187.7	15.3	218.7	18.8	249.6	22.5	280.5	26.4	301.2	29.0	317.2	31.2
	103	146.5	11.9	187.7	16.6	218.7	20.4	249.6	24.4	280.5	28.5	301.2	31.5	302.9	31.7
	106	146.5	12.7	187.7	17.6	218.7	21.7	249.6	25.9	280.5	30.3	288.9	31.6	289.8	31.7
	110	146.5	13.7	187.7	19.2	218.7	23.5	249.6	28.1	266.9	30.8	267.4	30.9	268.2	31.0
	115	146.5	15.2	187.7	21.2	218.7	26.1	230.8	28.0	231.5	28.1	231.9	28.2	232.6	28.3
	118	146.5	16.2	187.7	22.6	203.2	25.1	203.8	25.2	204.5	25.3	204.9	25.4	205.5	25.5
	122	146.5	17.6	158.5	19.6	159.0	19.7	159.5	19.7	160.0	19.8	160.3	19.9	160.8	20.0
70	23	128.2	4.2	164.3	5.9	191.3	7.3	218.4	8.7	245.5	10.2	263.5	11.2	290.6	12.8
	30	128.2	4.3	164.3	6.0	191.3	7.4	218.4	8.8	245.5	10.3	263.5	11.3	290.6	12.9
	40	128.2	4.4	164.3	6.2	191.3	7.6	218.4	9.0	245.5	10.6	263.5	11.6	290.6	13.3
	50	128.2	4.6	164.3	6.5	191.3	7.9	218.4	9.5	245.5	11.1	263.5	12.2	290.6	13.9
	54	128.2	4.8	164.3	6.6	191.3	8.1	218.4	9.7	245.5	11.4	263.5	12.5	290.6	14.3
	58	128.2	4.9	164.3	6.9	191.3	8.4	218.4	10.1	245.5	11.8	263.5	13.0	290.6	14.8
	62	128.2	5.1	164.3	7.1	191.3	8.7	218.4	10.4	245.5	12.2	263.5	13.5	290.6	15.4
	66	128.2	5.3	164.3	7.4	191.3	9.1	218.4	10.9	245.5	12.8	263.5	14.1	290.6	16.1
	70	128.2	5.6	164.3	7.8	191.3	9.6	218.4	11.5	245.5	13.4	263.5	14.8	290.6	16.9
	72	128.2	5.8	164.3	8.0	191.3	9.9	218.4	11.8	245.5	13.8	263.5	15.2	290.6	17.3
	75	128.2	6.0	164.3	8.4	191.3	10.3	218.4	12.3	245.5	14.4	263.5	15.8	290.6	18.1
	79	128.2	6.4	164.3	8.9	191.3	10.9	218.4	13.1	245.5	15.3	263.5	16.8	290.6	19.2
	83	128.2	6.8	164.3	9.5	191.3	11.7	218.4	14.0	245.5	16.3	263.5	18.0	290.6	20.6
	87	128.2	7.3	164.3	10.2	191.3	12.5	218.4	15.0	245.5	17.5	263.5	19.3	290.6	22.0
	91	128.2	7.9	164.3	11.0	191.3	13.5	218.4	16.1	245.5	18.8	263.5	20.7	290.6	23.7
	93	128.2	8.2	164.3	11.4	191.3	14.0	218.4	16.7	245.5	19.6	263.5	21.5	290.6	24.6
	95	128.2	8.5	164.3	11.9	191.3	14.5	218.4	17.4	245.5	20.3	263.5	22.4	290.6	25.6
	99	128.2	9.2	164.3	12.8	191.3	15.7	218.4	18.8	245.5	22.0	263.5	24.2	290.6	27.7
	103	128.2	9.9	164.3	13.9	191.3	17.0	218.4	20.3	245.5	23.8	263.5	26.2	290.6	30.0
	106	128.2	10.6	164.3	14.8	191.3	18.1	218.4	21.6	245.5	25.3	263.5	27.9	283.1	30.7
	110	128.2	11.5	164.3	16.0	191.3	19.7	218.4	23.5	245.5	27.5	261.2	29.9	262.0	30.0
	115	128.2	12.7	164.3	17.8	191.3	21.8	218.4	26.0	226.1	27.3	226.6	27.3	227.3	27.5
	118	128.2	13.5	164.3	18.9	191.3	23.2	199.1	24.5	199.7	24.6	200.1	24.6	200.7	24.7
	122	128.2	14.7	154.8	19.0	155.3	19.1	155.8	19.1	156.3	19.2	156.6	19.3	157.1	19.3

Tc: Total Capacity PI: Power Input

Table 125 - 38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	109.8	3.4	140.8	4.8	164.0	5.9	187.2	7.1	210.4	8.3	225.9	9.1	249.1	10.4
	30	109.8	3.5	140.8	4.9	164.0	6.0	187.2	7.2	210.4	8.4	225.9	9.2	249.1	10.5
	40	109.8	3.6	140.8	5.0	164.0	6.1	187.2	7.3	210.4	8.6	225.9	9.4	249.1	10.8
	50	109.8	3.7	140.8	5.3	164.0	6.4	187.2	7.7	210.4	9.0	225.9	9.9	249.1	11.3
	54	109.8	3.8	140.8	5.4	164.0	6.6	187.2	7.9	210.4	9.3	225.9	10.2	249.1	11.6
	58	109.8	4.0	140.8	5.6	164.0	6.8	187.2	8.2	210.4	9.6	225.9	10.5	249.1	12.0
	62	109.8	4.1	140.8	5.8	164.0	7.1	187.2	8.5	210.4	9.9	225.9	10.9	249.1	12.5
	66	109.8	4.3	140.8	6.1	164.0	7.4	187.2	8.9	210.4	10.4	225.9	11.4	249.1	13.0
	70	109.8	4.5	140.8	6.4	164.0	7.8	187.2	9.3	210.4	10.9	225.9	12.0	249.1	13.7
	72	109.8	4.7	140.8	6.5	164.0	8.0	187.2	9.6	210.4	11.2	225.9	12.3	249.1	14.1
	75	109.8	4.9	140.8	6.8	164.0	8.4	187.2	10.0	210.4	11.7	225.9	12.9	249.1	14.7
	79	109.8	5.2	140.8	7.3	164.0	8.9	187.2	10.6	210.4	12.4	225.9	13.7	249.1	15.6
	83	109.8	5.5	140.8	7.7	164.0	9.5	187.2	11.4	210.4	13.3	225.9	14.6	249.1	16.7
	87	109.8	5.9	140.8	8.3	164.0	10.2	187.2	12.2	210.4	14.2	225.9	15.7	249.1	17.9
	91	109.8	6.4	140.8	8.9	164.0	11.0	187.2	13.1	210.4	15.3	225.9	16.8	249.1	19.2
	93	109.8	6.6	140.8	9.3	164.0	11.4	187.2	13.6	210.4	15.9	225.9	17.5	249.1	20.0
	95	109.8	6.9	140.8	9.6	164.0	11.8	187.2	14.1	210.4	16.5	225.9	18.2	249.1	20.7
	99	109.8	7.4	140.8	10.4	164.0	12.8	187.2	15.3	210.4	17.9	225.9	19.7	249.1	22.4
	103	109.8	8.0	140.8	11.3	164.0	13.9	187.2	16.5	210.4	19.4	225.9	21.3	249.1	24.3
	106	109.8	8.5	140.8	12.0	164.0	14.7	187.2	17.6	210.4	20.6	225.9	22.6	249.1	25.8
	110	109.8	9.3	140.8	13.0	164.0	16.0	187.2	19.1	210.4	22.3	225.9	24.6	249.1	28.0
	115	109.8	10.3	140.8	14.4	164.0	17.7	187.2	21.2	210.4	24.8	221.2	26.5	221.9	26.6
	118	109.8	10.9	140.8	15.4	164.0	18.9	187.2	22.5	195.0	23.8	195.4	23.9	196.0	24.0
	122	109.8	11.9	140.8	16.7	151.6	18.4	152.1	18.5	152.6	18.6	152.9	18.7	153.3	18.7
50	23	91.5	2.7	117.3	3.8	136.7	4.6	156.0	5.5	175.3	6.5	188.2	7.1	207.6	8.1
	30	91.5	2.7	117.3	3.8	136.7	4.7	156.0	5.6	175.3	6.6	188.2	7.2	207.6	8.2
	40	91.5	2.8	117.3	3.9	136.7	4.8	156.0	5.7	175.3	6.7	188.2	7.4	207.6	8.4
	50	91.5	2.9	117.3	4.1	136.7	5.0	156.0	6.0	175.3	7.1	188.2	7.8	207.6	8.8
	54	91.5	3.0	117.3	4.2	136.7	5.2	156.0	6.2	175.3	7.2	188.2	8.0	207.6	9.1
	58	91.5	3.1	117.3	4.4	136.7	5.4	156.0	6.4	175.3	7.5	188.2	8.2	207.6	9.4
	62	91.5	3.2	117.3	4.5	136.7	5.6	156.0	6.7	175.3	7.8	188.2	8.6	207.6	9.8
	66	91.5	3.3	117.3	4.7	136.7	5.8	156.0	7.0	175.3	8.1	188.2	8.9	207.6	10.2
	70	91.5	3.5	117.3	5.0	136.7	6.1	156.0	7.3	175.3	8.5	188.2	9.4	207.6	10.7
	72	91.5	3.6	117.3	5.1	136.7	6.3	156.0	7.5	175.3	8.8	188.2	9.7	207.6	11.0
	75	91.5	3.8	117.3	5.3	136.7	6.6	156.0	7.8	175.3	9.2	188.2	10.1	207.6	11.5
	79	91.5	4.0	117.3	5.7	136.7	7.0	156.0	8.3	175.3	9.7	188.2	10.7	207.6	12.2
	83	91.5	4.3	117.3	6.0	136.7	7.4	156.0	8.9	175.3	10.4	188.2	11.4	207.6	13.0
	87	91.5	4.6	117.3	6.5	136.7	8.0	156.0	9.5	175.3	11.1	188.2	12.3	207.6	14.0
	91	91.5	4.9	117.3	7.0	136.7	8.6	156.0	10.3	175.3	12.0	188.2	13.2	207.6	15.0
	93	91.5	5.1	117.3	7.2	136.7	8.9	156.0	10.6	175.3	12.5	188.2	13.7	207.6	15.6
	95	91.5	5.3	117.3	7.5	136.7	9.3	156.0	11.1	175.3	12.9	188.2	14.2	207.6	16.2
	99	91.5	5.7	117.3	8.1	136.7	10.0	156.0	12.0	175.3	14.0	188.2	15.4	207.6	17.5
	103	91.5	6.2	117.3	8.8	136.7	10.8	156.0	13.0	175.3	15.2	188.2	16.7	207.6	19.0
	106	91.5	6.6	117.3	9.4	136.7	11.5	156.0	13.8	175.3	16.1	188.2	17.7	207.6	20.2
	110	91.5	7.2	117.3	10.2	136.7	12.5	156.0	14.9	175.3	17.5	188.2	19.2	207.6	21.9
	115	91.5	8.0	117.3	11.3	136.7	13.9	156.0	16.6	175.3	19.4	188.2	21.3	207.6	24.3
	118	91.5	8.5	117.3	12.0	136.7	14.8	156.0	17.6	175.3	20.6	188.2	22.7	191.2	23.2
	122	91.5	9.2	117.3	13.0	136.7	16.0	148.4	17.9	148.9	18.0	149.2	18.0	149.6	18.1

Tc: Total Capacity PI: Power Input

Table 126 - 38VMA336RDS5-1(RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	23	242.9	10.0	311.3	14.0	362.7	17.2	414.0	20.7	465.3	24.5	499.4	27.1	500.9	27.2
	30	242.9	10.1	311.3	14.1	362.7	17.4	414.0	21.0	465.3	24.8	488.8	26.6	490.3	26.7
	40	242.9	10.4	311.3	14.5	362.7	17.9	414.0	21.5	465.3	25.4	478.2	26.4	479.6	26.5
	50	242.9	10.9	311.3	15.2	362.7	18.8	414.0	22.6	465.3	26.7	466.7	26.8	468.1	26.9
	54	242.9	11.2	311.3	15.6	362.7	19.3	414.0	23.2	460.3	27.0	461.2	27.1	462.6	27.2
	58	242.9	11.5	311.3	16.2	362.7	19.9	414.0	24.0	454.4	27.4	455.3	27.4	456.7	27.6
	62	242.9	12.0	311.3	16.8	362.7	20.7	414.0	24.9	448.1	27.9	449.0	28.0	450.3	28.1
	66	242.9	12.5	311.3	17.6	362.7	21.7	414.0	26.0	441.4	28.5	442.3	28.6	443.6	28.7
	70	242.9	13.2	311.3	18.4	362.7	22.8	414.0	27.4	434.4	29.3	435.3	29.4	436.6	29.5
	72	242.9	13.5	311.3	18.9	362.7	23.4	414.0	28.1	430.8	29.7	431.7	29.8	433.0	30.0
	75	242.9	14.1	311.3	19.8	362.7	24.4	414.0	29.3	425.3	30.5	426.1	30.6	427.4	30.7
	79	242.9	15.0	311.3	21.0	362.7	25.9	414.0	31.2	417.7	31.6	418.5	31.7	419.8	31.8
	83	242.9	16.0	311.3	22.4	362.7	27.7	408.4	32.7	409.7	32.8	410.5	32.9	411.7	33.1
	87	242.9	17.2	311.3	24.1	362.7	29.7	399.8	34.0	401.0	34.2	401.8	34.3	403.0	34.4
	91	242.9	18.5	311.3	25.9	362.7	31.9	390.1	35.4	391.3	35.5	392.1	35.6	393.3	35.8
	93	242.9	19.2	311.3	26.9	362.7	33.2	384.8	36.0	386.0	36.2	386.7	36.3	387.9	36.4
	95	242.9	20.0	311.3	27.9	362.7	34.5	379.0	36.6	380.1	36.8	380.9	36.9	382.0	37.0
	99	242.9	21.6	311.3	30.2	362.7	37.3	365.6	37.7	366.7	37.8	367.4	37.9	368.6	38.1
	103	242.9	23.4	311.3	32.7	348.0	38.1	349.1	38.3	350.1	38.5	350.8	38.6	351.9	38.7
	106	242.9	24.8	311.3	34.8	333.0	38.1	334.0	38.3	335.0	38.5	335.7	38.6	336.7	38.7
	110	242.9	27.0	307.2	37.1	308.2	37.2	309.1	37.4	310.0	37.5	310.7	37.6	311.6	37.8
	115	242.9	29.9	266.5	33.9	267.3	34.0	268.1	34.2	268.9	34.3	269.5	34.4	270.3	34.5
	118	234.4	30.3	235.4	30.5	236.1	30.6	236.8	30.8	237.5	30.9	238.0	31.0	238.7	31.1
	122	183.4	23.7	184.2	23.8	184.7	23.9	185.3	24.0	185.8	24.1	186.2	24.2	186.8	24.3
140	23	237.7	9.7	304.7	13.6	354.9	16.7	405.1	20.1	455.3	23.7	488.8	26.3	490.9	26.4
	30	237.7	9.8	304.7	13.7	354.9	16.9	405.1	20.4	455.3	24.0	479.1	25.8	480.6	25.9
	40	237.7	10.1	304.7	14.1	354.9	17.4	405.1	20.9	455.3	24.6	468.6	25.7	470.1	25.8
	50	237.7	10.6	304.7	14.8	354.9	18.2	405.1	21.9	455.3	25.8	457.4	26.0	458.8	26.1
	54	237.7	10.9	304.7	15.2	354.9	18.7	405.1	22.5	451.2	26.2	452.1	26.3	453.4	26.4
	58	237.7	11.2	304.7	15.7	354.9	19.4	405.1	23.3	445.4	26.6	446.3	26.7	447.6	26.8
	62	237.7	11.7	304.7	16.3	354.9	20.1	405.1	24.2	439.2	27.1	440.0	27.2	441.4	27.3
	66	237.7	12.2	304.7	17.0	354.9	21.0	405.1	25.3	432.6	27.7	433.5	27.8	434.8	27.9
	70	237.7	12.8	304.7	17.9	354.9	22.1	405.1	26.6	425.7	28.5	426.6	28.6	427.9	28.7
	72	237.7	13.1	304.7	18.4	354.9	22.7	405.1	27.3	422.2	28.9	423.1	29.0	424.3	29.1
	75	237.7	13.7	304.7	19.2	354.9	23.7	405.1	28.5	416.8	29.6	417.7	29.7	418.9	29.8
	79	237.7	14.6	304.7	20.4	354.9	25.2	405.1	30.3	409.4	30.7	410.2	30.8	411.4	30.9
	83	237.7	15.6	304.7	21.8	354.9	26.9	400.3	31.8	401.5	31.9	402.3	32.0	403.5	32.1
	87	237.7	16.7	304.7	23.4	354.9	28.8	391.8	33.1	393.0	33.2	393.8	33.3	395.0	33.4
	91	237.7	18.0	304.7	25.1	354.9	31.0	382.4	34.4	383.5	34.5	384.3	34.6	385.5	34.8
	93	237.7	18.7	304.7	26.1	354.9	32.2	377.1	35.0	378.3	35.2	379.0	35.3	380.2	35.4
	95	237.7	19.4	304.7	27.1	354.9	33.4	371.4	35.6	372.6	35.8	373.3	35.9	374.4	36.0
	99	237.7	21.0	304.7	29.3	354.9	36.2	358.3	36.7	359.4	36.8	360.1	36.9	361.2	37.1
	103	237.7	22.7	304.7	31.8	341.1	37.1	342.1	37.2	343.2	37.4	343.9	37.5	344.9	37.7
	106	237.7	24.1	304.7	33.8	326.3	37.1	327.3	37.2	328.3	37.4	329.0	37.5	330.0	37.7
	110	237.7	26.2	301.1	36.1	302.0	36.2	303.0	36.4	303.9	36.5	304.5	36.6	305.4	36.8
	115	237.7	29.0	261.2	33.0	262.0	33.1	262.8	33.2	263.6	33.4	264.1	33.5	264.9	33.6
	118	229.8	29.5	230.7	29.7	231.4	29.8	232.1	29.9	232.8	30.1	233.3	30.1	234.0	30.3
	122	179.8	23.1	180.5	23.2	181.0	23.3	181.6	23.4	182.1	23.5	182.5	23.6	183.1	23.7
130	23	232.5	9.4	298.0	13.2	347.1	16.2	396.2	19.5	445.3	23.0	478.1	25.4	481.0	25.7
	30	232.5	9.5	298.0	13.3	347.1	16.4	396.2	19.7	445.3	23.3	469.4	25.1	470.8	25.2
	40	232.5	9.8	298.0	13.7	347.1	16.9	396.2	20.3	445.3	23.9	459.1	24.9	460.5	25.1
	50	232.5	10.3	298.0	14.3	347.1	17.7	396.2	21.2	445.3	25.0	448.1	25.3	449.4	25.4
	54	232.5	10.5	298.0	14.7	347.1	18.2	396.2	21.8	442.0	25.5	442.9	25.5	444.2	25.7
	58	232.5	10.9	298.0	15.2	347.1	18.8	396.2	22.6	436.3	25.8	437.2	25.9	438.5	26.0
	62	232.5	11.3	298.0	15.8	347.1	19.5	396.2	23.4	430.3	26.3	431.1	26.4	432.4	26.5
	66	232.5	11.8	298.0	16.5	347.1	20.4	396.2	24.5	423.8	26.9	424.7	27.0	426.0	27.1
	70	232.5	12.4	298.0	17.4	347.1	21.4	396.2	25.7	417.1	27.7	417.9	27.7	419.2	27.9
	72	232.5	12.8	298.0	17.8	347.1	22.0	396.2	26.4	413.7	28.1	414.5	28.2	415.7	28.3
	75	232.5	13.3	298.0	18.6	347.1	23.0	396.2	27.6	408.4	28.8	409.2	28.9	410.4	29.0
	79	232.5	14.2	298.0	19.8	347.1	24.4	396.2	29.3	401.1	29.8	401.9	29.9	403.1	30.1
	83	232.5	15.1	298.0	21.1	347.1	26.1	392.2	30.9	393.4	31.0	394.1	31.1	395.3	31.2
	87	232.5	16.2	298.0	22.7	347.1	27.9	383.9	32.1	385.0	32.3	385.8	32.4	387.0	32.5
	91	232.5	17.4	298.0	24.4	347.1	30.1	374.6	33.4	375.8	33.6	376.5	33.7	377.6	33.8
	93	232.5	18.1	298.0	25.3	347.1	31.2	369.5	34.0	370.6	34.2	371.3	34.3	372.5	34.4
	95	232.5	18.8	298.0	26.3	347.1	32.4	363.9	34.6	365.0	34.8	365.7	34.9	366.8	35.0
	99	232.5	20.3	298.0	28.5	347.1	35.1	351.1	35.6	352.1	35.8	352.8	35.9	353.9	36.0
	103	232.5	22.0	298.0	30.8	334.2	36.1	335.2	36.2	336.2	36.4	336.9	36.5	337.9	36.6
	106	232.5	23.4	298.0	32.8	319.7	36.1	320.7	36.2	321.7	36.4	322.3	36.5	323.3	36.6
	110	232.5	25.4	295.0	35.1	295.9	35.2	296.8	35.4	297.7	35.5	298.3	35.6	299.2	35.8
	115	232.5	28.2	255.9	32.1	256.7	32.2	257.4	32.3	258.2	32.5	258.7	32.6	259.5	32.7
	118	225.1	28.7	226.0	28.9	226.7	29.0	227.4	29.1	228.1	29.2	228.5	29.3	229.2	29.4
	122	176.1	22.5	176.8	22.6	177.4	22.7	177.9	22.8	178.4	22.9	178.8	22.9	179.3	23.0

Tc: Total Capacity PI: Power Input

Table 127 - 38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	23	227.3	9.1	291.3	12.8	339.3	15.7	387.3	18.9	435.4	22.3	467.4	24.6	471.0	24.9
	30	227.3	9.2	291.3	12.9	339.3	15.9	387.3	19.1	435.4	22.5	459.7	24.3	461.1	24.4
	40	227.3	9.5	291.3	13.3	339.3	16.3	387.3	19.6	435.4	23.1	449.6	24.2	451.0	24.3
	50	227.3	9.9	291.3	13.9	339.3	17.1	387.3	20.6	435.4	24.3	438.8	24.5	440.1	24.6
	54	227.3	10.2	291.3	14.3	339.3	17.6	387.3	21.2	432.8	24.7	433.7	24.8	435.0	24.9
	58	227.3	10.6	291.3	14.8	339.3	18.2	387.3	21.9	427.3	25.1	428.2	25.2	429.4	25.3
	62	227.3	11.0	291.3	15.3	339.3	18.9	387.3	22.7	421.3	25.6	422.2	25.6	423.5	25.7
	66	227.3	11.5	291.3	16.0	339.3	19.8	387.3	23.7	415.0	26.1	415.9	26.2	417.1	26.3
	70	227.3	12.1	291.3	16.8	339.3	20.8	387.3	24.9	408.5	26.9	409.3	26.9	410.5	27.1
	72	227.3	12.4	291.3	17.3	339.3	21.3	387.3	25.6	405.1	27.3	405.9	27.4	407.1	27.5
	75	227.3	12.9	291.3	18.1	339.3	22.3	387.3	26.7	399.9	28.0	400.7	28.0	401.9	28.2
	79	227.3	13.7	291.3	19.2	339.3	23.7	387.3	28.4	392.7	29.0	393.5	29.1	394.7	29.2
	83	227.3	14.7	291.3	20.5	339.3	25.3	384.0	30.0	385.2	30.1	386.0	30.2	387.1	30.3
	87	227.3	15.7	291.3	22.0	339.3	27.1	375.9	31.2	377.1	31.3	377.8	31.4	379.0	31.6
	91	227.3	16.9	291.3	23.6	339.3	29.1	366.9	32.5	368.0	32.6	368.7	32.7	369.8	32.8
	93	227.3	17.6	291.3	24.6	339.3	30.3	361.8	33.1	362.9	33.2	363.7	33.3	364.8	33.4
	95	227.3	18.3	291.3	25.5	339.3	31.4	356.4	33.6	357.4	33.8	358.2	33.9	359.2	34.0
	99	227.3	19.7	291.3	27.6	339.3	34.0	343.8	34.6	344.8	34.8	345.5	34.9	346.6	35.0
	103	227.3	21.4	291.3	29.9	327.3	35.0	328.3	35.2	329.3	35.3	329.9	35.4	330.9	35.6
	106	227.3	22.7	291.3	31.8	313.1	35.0	314.0	35.2	315.0	35.3	315.6	35.4	316.6	35.6
	110	227.3	24.7	288.9	34.1	289.8	34.2	290.7	34.4	291.5	34.5	292.1	34.6	293.0	34.8
	115	227.3	27.3	250.6	31.2	251.4	31.3	252.1	31.4	252.9	31.6	253.4	31.7	254.1	31.8
	118	220.4	27.9	221.3	28.1	222.0	28.2	222.7	28.3	223.3	28.4	223.8	28.5	224.5	28.6
	122	172.5	21.8	173.2	22.0	173.7	22.0	174.2	22.1	174.7	22.2	175.1	22.3	175.6	22.4
110	23	216.9	8.6	278.0	12.0	323.8	14.7	369.6	17.7	415.4	20.8	446.0	23.0	461.0	24.1
	30	216.9	8.7	278.0	12.1	323.8	14.9	369.6	17.9	415.4	21.1	446.0	23.3	451.3	23.7
	40	216.9	8.9	278.0	12.4	323.8	15.3	369.6	18.4	415.4	21.7	440.1	23.5	441.4	23.6
	50	216.9	9.3	278.0	13.0	323.8	16.1	369.6	19.3	415.4	22.7	429.5	23.8	430.8	23.9
	54	216.9	9.6	278.0	13.4	323.8	16.5	369.6	19.8	415.4	23.3	424.5	24.1	425.8	24.2
	58	216.9	9.9	278.0	13.9	323.8	17.1	369.6	20.5	415.4	24.1	419.1	24.4	420.4	24.5
	62	216.9	10.3	278.0	14.4	323.8	17.7	369.6	21.3	412.4	24.8	413.3	24.9	414.5	25.0
	66	216.9	10.8	278.0	15.0	323.8	18.5	369.6	22.2	406.3	25.4	407.1	25.4	408.3	25.5
	70	216.9	11.3	278.0	15.8	323.8	19.5	369.6	23.4	399.8	26.1	400.6	26.1	401.8	26.3
	72	216.9	11.6	278.0	16.2	323.8	20.0	369.6	24.0	396.5	26.5	397.3	26.5	398.5	26.7
	75	216.9	12.1	278.0	16.9	323.8	20.9	369.6	25.0	391.4	27.1	392.2	27.2	393.4	27.3
	79	216.9	12.9	278.0	18.0	323.8	22.2	369.6	26.6	384.4	28.1	385.2	28.2	386.4	28.3
	83	216.9	13.8	278.0	19.2	323.8	23.7	369.6	28.4	377.1	29.2	377.8	29.3	379.0	29.4
	87	216.9	14.8	278.0	20.6	323.8	25.4	368.0	30.3	369.1	30.4	369.8	30.5	370.9	30.6
	91	216.9	15.9	278.0	22.2	323.8	27.3	359.1	31.5	360.2	31.6	360.9	31.7	362.0	31.9
	93	216.9	16.5	278.0	23.0	323.8	28.4	354.2	32.1	355.2	32.2	356.0	32.3	357.0	32.5
	95	216.9	17.1	278.0	23.9	323.8	29.5	348.8	32.7	349.9	32.8	350.6	32.9	351.6	33.0
	99	216.9	18.5	278.0	25.9	323.8	31.9	336.5	33.6	337.5	33.7	338.2	33.8	339.2	34.0
	103	216.9	20.1	278.0	28.0	320.3	34.0	321.3	34.2	322.3	34.3	322.9	34.4	323.9	34.5
	106	216.9	21.3	278.0	29.8	306.5	34.0	307.4	34.2	308.3	34.3	309.0	34.4	309.9	34.6
	110	216.9	23.2	278.0	32.4	283.6	33.3	284.5	33.4	285.4	33.5	285.9	33.6	286.8	33.8
	115	216.9	25.7	245.3	30.3	246.0	30.4	246.8	30.5	247.5	30.7	248.0	30.8	248.8	30.9
	118	215.8	27.1	216.6	27.3	217.3	27.4	218.0	27.5	218.6	27.6	219.1	27.7	219.7	27.8
	122	168.8	21.2	169.5	21.3	170.0	21.4	170.5	21.5	171.0	21.6	171.4	21.7	171.9	21.7
100	23	197.2	7.5	252.7	10.5	294.4	12.9	336.0	15.5	377.7	18.2	405.4	20.1	447.1	23.1
	30	197.2	7.6	252.7	10.7	294.4	13.1	336.0	15.7	377.7	18.5	405.4	20.4	441.5	23.0
	40	197.2	7.8	252.7	10.9	294.4	13.4	336.0	16.1	377.7	18.9	405.4	20.9	431.9	22.9
	50	197.2	8.2	252.7	11.5	294.4	14.1	336.0	16.9	377.7	19.9	405.4	21.9	421.5	23.2
	54	197.2	8.4	252.7	11.8	294.4	14.5	336.0	17.4	377.7	20.4	405.4	22.5	416.6	23.4
	58	197.2	8.7	252.7	12.2	294.4	15.0	336.0	17.9	377.7	21.1	405.4	23.3	411.3	23.8
	62	197.2	9.1	252.7	12.7	294.4	15.6	336.0	18.6	377.7	21.9	404.3	24.1	405.5	24.2
	66	197.2	9.5	252.7	13.2	294.4	16.3	336.0	19.5	377.7	22.9	398.3	24.7	399.5	24.8
	70	197.2	10.0	252.7	13.9	294.4	17.1	336.0	20.5	377.7	24.1	392.0	25.4	393.2	25.5
	72	197.2	10.2	252.7	14.3	294.4	17.6	336.0	21.0	377.7	24.7	388.7	25.7	389.9	25.9
	75	197.2	10.7	252.7	14.9	294.4	18.3	336.0	22.0	377.7	25.8	383.8	26.4	384.9	26.5
	79	197.2	11.4	252.7	15.8	294.4	19.5	336.0	23.3	376.1	27.3	376.9	27.4	378.0	27.5
	83	197.2	12.1	252.7	16.9	294.4	20.8	336.0	24.9	368.9	28.4	369.7	28.4	370.8	28.6
	87	197.2	13.0	252.7	18.1	294.4	22.3	336.0	26.7	361.1	29.5	361.8	29.6	362.9	29.7
	91	197.2	14.0	252.7	19.5	294.4	24.0	336.0	28.7	352.4	30.7	353.1	30.8	354.2	30.9
	93	197.2	14.5	252.7	20.3	294.4	24.9	336.0	29.8	347.6	31.3	348.3	31.4	349.3	31.5
	95	197.2	15.1	252.7	21.0	294.4	25.9	336.0	31.0	342.3	31.8	343.0	31.9	344.0	32.0
	99	197.2	16.3	252.7	22.8	294.4	28.0	329.2	32.6	330.2	32.7	330.9	32.8	331.9	33.0
	103	197.2	17.7	252.7	24.7	294.4	30.3	314.4	33.2	315.3	33.3	316.0	33.4	316.9	33.5
	106	197.2	18.8	252.7	26.2	294.4	32.2	300.8	33.2	301.7	33.3	302.3	33.4	303.2	33.5
	110	197.2	20.4	252.7	28.4	277.5	32.3	278.4	32.4	279.2	32.5	279.8	32.6	280.6	32.8
	115	197.2	22.6	240.0	29.4	240.7	29.5	241.4	29.7	242.2	29.8	242.7	29.9	243.4	30.0
	118	197.2	24.1	212.0	26.5	212.6	26.6	213.3	26.7	213.9	26.8	214.3	26.9	215.0	27.0
	122	165.2	20.6	165.8	20.7	166.3	20.8	166.8	20.9	167.4	21.0	167.7	21.0	168.2	21.1

Tc: Total Capacity PI: Power Input

Table 128 - 38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	23	177.4	6.6	227.4	9.1	264.9	11.2	302.4	13.4	339.9	15.8	364.9	17.4	402.4	19.9
	30	177.4	6.6	227.4	9.2	264.9	11.4	302.4	13.6	339.9	16.0	364.9	17.6	402.4	20.2
	40	177.4	6.8	227.4	9.5	264.9	11.7	302.4	14.0	339.9	16.4	364.9	18.1	402.4	20.7
	50	177.4	7.1	227.4	10.0	264.9	12.2	302.4	14.6	339.9	17.2	364.9	18.9	402.4	21.7
	54	177.4	7.3	227.4	10.2	264.9	12.6	302.4	15.0	339.9	17.6	364.9	19.5	402.4	22.3
	58	177.4	7.6	227.4	10.6	264.9	13.0	302.4	15.5	339.9	18.2	364.9	20.1	402.2	23.0
	62	177.4	7.9	227.4	11.0	264.9	13.5	302.4	16.1	339.9	18.9	364.9	20.9	396.6	23.5
	66	177.4	8.2	227.4	11.5	264.9	14.1	302.4	16.9	339.9	19.8	364.9	21.8	390.7	24.0
	70	177.4	8.6	227.4	12.1	264.9	14.8	302.4	17.7	339.9	20.8	364.9	22.9	384.5	24.7
	72	177.4	8.9	227.4	12.4	264.9	15.2	302.4	18.2	339.9	21.4	364.9	23.6	381.3	25.1
	75	177.4	9.3	227.4	12.9	264.9	15.9	302.4	19.0	339.9	22.3	364.9	24.6	376.4	25.7
	79	177.4	9.9	227.4	13.7	264.9	16.9	302.4	20.2	339.9	23.7	364.9	26.2	369.7	26.6
	83	177.4	10.5	227.4	14.7	264.9	18.0	302.4	21.6	339.9	25.3	361.5	27.6	362.6	27.7
	87	177.4	11.3	227.4	15.7	264.9	19.3	302.4	23.1	339.9	27.1	353.8	28.7	354.9	28.8
	91	177.4	12.1	227.4	16.9	264.9	20.8	302.4	24.9	339.9	29.2	345.3	29.9	346.4	30.0
	93	177.4	12.6	227.4	17.6	264.9	21.6	302.4	25.8	339.9	30.3	340.6	30.4	341.6	30.5
	95	177.4	13.1	227.4	18.3	264.9	22.4	302.4	26.8	334.8	30.9	335.4	30.9	336.4	31.1
	99	177.4	14.2	227.4	19.8	264.9	24.3	302.4	29.0	322.9	31.8	323.6	31.8	324.6	32.0
	103	177.4	15.3	227.4	21.4	264.9	26.3	302.4	31.4	308.4	32.3	309.0	32.4	309.9	32.5
	106	177.4	16.3	227.4	22.7	264.9	27.9	294.1	32.2	295.0	32.3	295.6	32.4	296.5	32.5
	110	177.4	17.7	227.4	24.7	264.9	30.3	272.2	31.4	273.0	31.6	273.6	31.7	274.4	31.8
	115	177.4	19.6	227.4	27.4	235.4	28.7	236.1	28.8	236.8	28.9	237.3	29.0	238.0	29.1
	118	177.4	20.9	207.3	25.7	207.9	25.8	208.5	25.9	209.2	26.0	209.6	26.1	210.2	26.2
	122	161.5	20.0	162.2	20.1	162.7	20.2	163.2	20.3	163.7	20.4	164.0	20.4	164.5	20.5
80	23	157.7	5.6	202.2	7.8	235.5	9.6	268.8	11.4	302.1	13.4	324.3	14.8	357.7	16.9
	30	157.7	5.7	202.2	7.9	235.5	9.7	268.8	11.6	302.1	13.6	324.3	15.0	357.7	17.1
	40	157.7	5.8	202.2	8.1	235.5	9.9	268.8	11.9	302.1	13.9	324.3	15.4	357.7	17.6
	50	157.7	6.1	202.2	8.5	235.5	10.4	268.8	12.5	302.1	14.6	324.3	16.1	357.7	18.4
	54	157.7	6.3	202.2	8.7	235.5	10.7	268.8	12.8	302.1	15.0	324.3	16.5	357.7	18.9
	58	157.7	6.5	202.2	9.0	235.5	11.1	268.8	13.2	302.1	15.5	324.3	17.1	357.7	19.6
	62	157.7	6.7	202.2	9.4	235.5	11.5	268.8	13.8	302.1	16.1	324.3	17.8	357.7	20.3
	66	157.7	7.0	202.2	9.8	235.5	12.0	268.8	14.4	302.1	16.8	324.3	18.6	357.7	21.2
	70	157.7	7.4	202.2	10.3	235.5	12.6	268.8	15.1	302.1	17.7	324.3	19.5	357.7	22.3
	72	157.7	7.6	202.2	10.6	235.5	13.0	268.8	15.5	302.1	18.2	324.3	20.0	357.7	22.9
	75	157.7	7.9	202.2	11.0	235.5	13.5	268.8	16.2	302.1	19.0	324.3	20.9	357.7	23.9
	79	157.7	8.4	202.2	11.7	235.5	14.4	268.8	17.2	302.1	20.2	324.3	22.2	357.7	25.4
	83	157.7	9.0	202.2	12.5	235.5	15.4	268.8	18.4	302.1	21.5	324.3	23.7	354.4	26.8
	87	157.7	9.6	202.2	13.4	235.5	16.5	268.8	19.7	302.1	23.1	324.3	25.5	346.9	27.9
	91	157.7	10.4	202.2	14.5	235.5	17.7	268.8	21.2	302.1	24.9	324.3	27.4	338.5	29.0
	93	157.7	10.8	202.2	15.0	235.5	18.4	268.8	22.0	302.1	25.8	324.3	28.4	333.9	29.6
	95	157.7	11.2	202.2	15.6	235.5	19.1	268.8	22.9	302.1	26.8	324.3	29.5	328.8	30.1
	99	157.7	12.1	202.2	16.9	235.5	20.7	268.8	24.7	302.1	29.0	316.3	30.9	317.2	31.0
	103	157.7	13.1	202.2	18.3	235.5	22.4	268.8	26.8	301.4	31.3	302.0	31.4	302.9	31.5
	106	157.7	13.9	202.2	19.4	235.5	23.8	268.8	28.5	288.3	31.3	288.9	31.4	289.8	31.5
	110	157.7	15.1	202.2	21.1	235.5	25.9	266.1	30.5	266.9	30.6	267.4	30.7	268.2	30.8
	115	157.7	16.8	202.2	23.4	230.1	27.8	230.8	27.9	231.5	28.0	231.9	28.1	232.6	28.2
	118	157.7	17.8	202.2	24.9	203.2	25.0	203.8	25.1	204.5	25.3	204.9	25.3	205.5	25.4
	122	157.7	19.4	158.5	19.5	159.0	19.6	159.5	19.7	160.0	19.7	160.3	19.8	160.8	19.9
70	23	138.0	4.7	176.9	6.5	206.1	8.0	235.2	9.6	264.4	11.2	283.8	12.3	313.0	14.1
	30	138.0	4.7	176.9	6.6	206.1	8.1	235.2	9.7	264.4	11.3	283.8	12.5	313.0	14.2
	40	138.0	4.9	176.9	6.8	206.1	8.3	235.2	9.9	264.4	11.6	283.8	12.8	313.0	14.6
	50	138.0	5.1	176.9	7.1	206.1	8.7	235.2	10.4	264.4	12.2	283.8	13.4	313.0	15.3
	54	138.0	5.2	176.9	7.3	206.1	9.0	235.2	10.7	264.4	12.5	283.8	13.8	313.0	15.8
	58	138.0	5.4	176.9	7.5	206.1	9.3	235.2	11.1	264.4	12.9	283.8	14.2	313.0	16.3
	62	138.0	5.6	176.9	7.8	206.1	9.6	235.2	11.5	264.4	13.4	283.8	14.8	313.0	16.9
	66	138.0	5.9	176.9	8.2	206.1	10.1	235.2	12.0	264.4	14.1	283.8	15.5	313.0	17.7
	70	138.0	6.2	176.9	8.6	206.1	10.6	235.2	12.6	264.4	14.8	283.8	16.3	313.0	18.6
	72	138.0	6.3	176.9	8.8	206.1	10.9	235.2	13.0	264.4	15.2	283.8	16.7	313.0	19.1
	75	138.0	6.6	176.9	9.2	206.1	11.3	235.2	13.5	264.4	15.8	283.8	17.4	313.0	19.9
	79	138.0	7.0	176.9	9.8	206.1	12.0	235.2	14.4	264.4	16.8	283.8	18.5	313.0	21.2
	83	138.0	7.5	176.9	10.5	206.1	12.9	235.2	15.4	264.4	18.0	283.8	19.8	313.0	22.6
	87	138.0	8.0	176.9	11.2	206.1	13.8	235.2	16.5	264.4	19.3	283.8	21.2	313.0	24.2
	91	138.0	8.7	176.9	12.1	206.1	14.8	235.2	17.7	264.4	20.7	283.8	22.8	313.0	26.1
	93	138.0	9.0	176.9	12.6	206.1	15.4	235.2	18.4	264.4	21.5	283.8	23.7	313.0	27.1
	95	138.0	9.3	176.9	13.0	206.1	16.0	235.2	19.1	264.4	22.4	283.8	24.6	313.0	28.1
	99	138.0	10.1	176.9	14.1	206.1	17.3	235.2	20.7	264.4	24.2	283.8	26.6	309.9	30.0
	103	138.0	10.9	176.9	15.3	206.1	18.7	235.2	22.4	264.4	26.2	283.8	28.8	295.9	30.5
	106	138.0	11.6	176.9	16.2	206.1	19.9	235.2	23.8	264.4	27.8	282.3	30.4	283.1	30.6
	110	138.0	12.6	176.9	17.6	206.1	21.6	235.2	25.8	260.7	29.7	261.2	29.7	262.0	29.9
	115	138.0	14.0	176.9	19.5	206.1	24.0	225.5	27.1	226.1	27.2	226.6	27.2	227.3	27.3
	118	138.0	14.9	176.9	20.8	198.5	24.3	199.1	24.4	199.7	24.5	200.1	24.5	200.7	24.6
	122	138.0	16.2	154.8	18.9	155.3	19.0	155.8	19.0	156.3	19.1	156.6	19.2	157.1	19.3

Tc: Total Capacity PI: Power Input

Table 129 - 38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	23	118.3	3.8	151.6	5.3	176.6	6.5	201.6	7.8	226.6	9.1	243.3	10.0	268.3	11.4
	30	118.3	3.8	151.6	5.4	176.6	6.6	201.6	7.9	226.6	9.2	243.3	10.1	268.3	11.6
	40	118.3	3.9	151.6	5.5	176.6	6.8	201.6	8.1	226.6	9.4	243.3	10.4	268.3	11.9
	50	118.3	4.1	151.6	5.8	176.6	7.1	201.6	8.5	226.6	9.9	243.3	10.9	268.3	12.4
	54	118.3	4.2	151.6	5.9	176.6	7.3	201.6	8.7	226.6	10.2	243.3	11.2	268.3	12.8
	58	118.3	4.4	151.6	6.1	176.6	7.5	201.6	9.0	226.6	10.5	243.3	11.6	268.3	13.2
	62	118.3	4.5	151.6	6.4	176.6	7.8	201.6	9.3	226.6	10.9	243.3	12.0	268.3	13.7
	66	118.3	4.7	151.6	6.7	176.6	8.2	201.6	9.8	226.6	11.4	243.3	12.6	268.3	14.3
	70	118.3	5.0	151.6	7.0	176.6	8.6	201.6	10.3	226.6	12.0	243.3	13.2	268.3	15.1
	72	118.3	5.1	151.6	7.2	176.6	8.8	201.6	10.5	226.6	12.3	243.3	13.6	268.3	15.5
	75	118.3	5.3	151.6	7.5	176.6	9.2	201.6	11.0	226.6	12.9	243.3	14.2	268.3	16.1
	79	118.3	5.7	151.6	8.0	176.6	9.8	201.6	11.7	226.6	13.7	243.3	15.0	268.3	17.2
	83	118.3	6.1	151.6	8.5	176.6	10.5	201.6	12.5	226.6	14.6	243.3	16.1	268.3	18.3
	87	118.3	6.5	151.6	9.1	176.6	11.2	201.6	13.4	226.6	15.7	243.3	17.2	268.3	19.7
	91	118.3	7.0	151.6	9.8	176.6	12.1	201.6	14.4	226.6	16.8	243.3	18.5	268.3	21.1
	93	118.3	7.3	151.6	10.2	176.6	12.5	201.6	15.0	226.6	17.5	243.3	19.2	268.3	22.0
	95	118.3	7.6	151.6	10.6	176.6	13.0	201.6	15.5	226.6	18.2	243.3	20.0	268.3	22.8
	99	118.3	8.2	151.6	11.5	176.6	14.1	201.6	16.8	226.6	19.7	243.3	21.6	268.3	24.7
	103	118.3	8.8	151.6	12.4	176.6	15.2	201.6	18.2	226.6	21.3	243.3	23.4	268.3	26.7
	106	118.3	9.4	151.6	13.2	176.6	16.2	201.6	19.3	226.6	22.6	243.3	24.9	268.3	28.4
	110	118.3	10.2	151.6	14.3	176.6	17.6	201.6	21.0	226.6	24.6	243.3	27.0	255.8	28.9
	115	118.3	11.3	151.6	15.9	176.6	19.5	201.6	23.3	220.8	26.3	221.2	26.4	221.9	26.5
	118	118.3	12.0	151.6	16.9	176.6	20.8	194.4	23.6	195.0	23.7	195.4	23.8	196.0	23.9
	122	118.3	13.1	151.2	18.3	151.6	18.4	152.1	18.4	152.6	18.5	152.9	18.6	153.3	18.6
50	23	98.6	2.9	126.3	4.1	147.2	5.1	168.0	6.1	188.8	7.1	202.7	7.8	223.5	8.9
	30	98.6	3.0	126.3	4.2	147.2	5.2	168.0	6.2	188.8	7.2	202.7	7.9	223.5	9.0
	40	98.6	3.0	126.3	4.3	147.2	5.3	168.0	6.3	188.8	7.4	202.7	8.1	223.5	9.3
	50	98.6	3.2	126.3	4.5	147.2	5.5	168.0	6.6	188.8	7.8	202.7	8.5	223.5	9.7
	54	98.6	3.3	126.3	4.6	147.2	5.7	168.0	6.8	188.8	8.0	202.7	8.8	223.5	10.0
	58	98.6	3.4	126.3	4.8	147.2	5.9	168.0	7.0	188.8	8.2	202.7	9.1	223.5	10.3
	62	98.6	3.5	126.3	5.0	147.2	6.1	168.0	7.3	188.8	8.6	202.7	9.4	223.5	10.7
	66	98.6	3.7	126.3	5.2	147.2	6.4	168.0	7.6	188.8	8.9	202.7	9.8	223.5	11.2
	70	98.6	3.9	126.3	5.5	147.2	6.7	168.0	8.0	188.8	9.4	202.7	10.3	223.5	11.8
	72	98.6	4.0	126.3	5.6	147.2	6.9	168.0	8.3	188.8	9.7	202.7	10.6	223.5	12.1
	75	98.6	4.1	126.3	5.9	147.2	7.2	168.0	8.6	188.8	10.1	202.7	11.1	223.5	12.6
	79	98.6	4.4	126.3	6.2	147.2	7.7	168.0	9.2	188.8	10.7	202.7	11.8	223.5	13.4
	83	98.6	4.7	126.3	6.6	147.2	8.2	168.0	9.8	188.8	11.4	202.7	12.6	223.5	14.3
	87	98.6	5.0	126.3	7.1	147.2	8.8	168.0	10.5	188.8	12.3	202.7	13.5	223.5	15.4
	91	98.6	5.4	126.3	7.7	147.2	9.4	168.0	11.3	188.8	13.2	202.7	14.5	223.5	16.5
	93	98.6	5.6	126.3	8.0	147.2	9.8	168.0	11.7	188.8	13.7	202.7	15.1	223.5	17.2
	95	98.6	5.8	126.3	8.3	147.2	10.2	168.0	12.2	188.8	14.2	202.7	15.7	223.5	17.8
	99	98.6	6.3	126.3	8.9	147.2	11.0	168.0	13.2	188.8	15.4	202.7	16.9	223.5	19.3
	103	98.6	6.8	126.3	9.7	147.2	11.9	168.0	14.3	188.8	16.7	202.7	18.3	223.5	20.9
	106	98.6	7.3	126.3	10.3	147.2	12.7	168.0	15.2	188.8	17.7	202.7	19.5	223.5	22.2
	110	98.6	7.9	126.3	11.2	147.2	13.8	168.0	16.4	188.8	19.2	202.7	21.2	223.5	24.1
	115	98.6	8.8	126.3	12.4	147.2	15.3	168.0	18.2	188.8	21.3	202.7	23.5	216.5	25.6
	118	98.6	9.3	126.3	13.2	147.2	16.2	168.0	19.4	188.8	22.7	190.7	23.0	191.2	23.1
	122	98.6	10.1	126.3	14.3	147.2	17.6	148.4	17.8	148.9	17.9	149.2	18.0	149.6	18.0

Tc: Total Capacity PI: Power Input

2. Heating Capacity

Table 130 - 38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	-12.6	-13	53.8	4.1	53.6	4.4	53.4	4.5	53.3	4.6	53.2	4.7	53.0	4.9
	-9	-9.4	61.6	4.6	61.3	4.8	61.1	5.0	61.0	5.1	60.9	5.2	60.7	5.4
	-3.64	-4	66.9	4.9	66.6	5.1	66.4	5.3	66.3	5.5	66.1	5.6	65.9	5.8
	-1.84	-2.2	69.5	5.0	69.3	5.3	69.0	5.5	68.9	5.6	68.8	5.7	68.6	5.9
	5.5	5	80.4	5.6	80.1	5.8	79.9	6.1	79.7	6.2	77.7	6.2	71.9	5.9
	9.5	8.5	85.8	5.8	85.5	6.1	85.2	6.3	81.5	6.2	77.7	6.0	71.9	5.7
	13	12	91.3	6.0	91.0	6.3	85.2	6.1	81.5	6.0	77.7	5.8	71.9	5.5
	15	14	94.5	6.2	91.0	6.2	85.2	6.0	81.5	5.8	77.7	5.7	71.9	5.4
	17	15.5	96.9	6.2	91.0	6.1	85.2	5.9	81.5	5.8	77.7	5.6	71.9	5.3
	19	18	98.5	6.2	91.0	6.0	85.2	5.8	81.5	5.6	77.7	5.4	71.9	5.2
	22	20	98.5	6.1	91.0	5.8	85.2	5.6	81.5	5.5	77.7	5.3	71.9	5.1
	26	24	98.5	5.8	91.0	5.6	85.2	5.4	81.5	5.3	77.7	5.1	71.9	4.8
	30	28	98.5	5.6	91.0	5.3	85.2	5.2	81.5	5.0	77.7	4.9	71.9	4.6
	35	32	98.5	5.3	91.0	5.1	85.2	4.9	81.5	4.8	77.7	4.6	71.9	4.4
	39	36	98.5	5.0	91.0	4.8	85.2	4.7	81.5	4.5	77.7	4.4	71.9	4.2
	44	40	98.5	4.8	91.0	4.6	85.2	4.4	81.5	4.3	77.7	4.2	71.9	4.0
	47	43	98.5	4.6	91.0	4.4	85.2	4.2	81.5	4.1	77.7	4.0	71.9	3.8
	51	47	98.5	4.3	91.0	4.2	85.2	4.0	81.5	3.9	77.7	3.8	71.9	3.6
	54	50	98.5	4.1	91.0	4.0	85.2	3.8	81.5	3.7	77.7	3.6	71.9	3.4
	57	53	98.5	3.9	91.0	3.8	85.2	3.6	81.5	3.5	77.7	3.4	71.9	3.3
	60	56	98.5	3.7	91.0	3.6	85.2	3.5	81.5	3.4	77.7	3.3	71.9	3.1
140	-12.6	-13	53.6	4.4	53.4	4.6	53.2	4.8	53.1	4.9	53.0	5.0	52.8	5.2
	-9	-9.4	61.4	4.9	61.1	5.1	60.9	5.3	60.8	5.5	60.7	5.6	60.5	5.8
	-3.64	-4	66.6	5.2	66.4	5.5	66.1	5.7	66.0	5.8	65.9	5.9	65.7	6.1
	-1.84	-2.2	69.3	5.3	69.0	5.6	68.8	5.8	68.7	6.0	68.5	6.1	68.3	6.3
	5.5	5	80.1	5.9	79.8	6.2	79.6	6.5	79.4	6.6	77.4	6.6	71.7	6.3
	9.5	8.5	85.5	6.2	85.2	6.5	84.9	6.7	81.2	6.6	77.4	6.4	71.7	6.1
	13	12	91.0	6.4	90.6	6.8	84.9	6.5	81.2	6.3	77.4	6.2	71.7	5.9
	15	14	94.2	6.6	90.7	6.6	84.9	6.4	81.2	6.2	77.4	6.0	71.7	5.7
	17	15.5	96.6	6.7	90.7	6.5	84.9	6.3	81.2	6.1	77.4	5.9	71.7	5.6
	19	18	98.1	6.6	90.7	6.4	84.9	6.1	81.2	6.0	77.4	5.8	71.7	5.5
	22	20	98.1	6.5	90.7	6.2	84.9	6.0	81.2	5.8	77.4	5.7	71.7	5.4
	26	24	98.1	6.2	90.7	6.0	84.9	5.7	81.2	5.6	77.4	5.4	71.7	5.2
	30	28	98.1	5.9	90.7	5.7	84.9	5.5	81.2	5.3	77.4	5.2	71.7	4.9
	35	32	98.1	5.6	90.7	5.4	84.9	5.2	81.2	5.1	77.4	4.9	71.7	4.7
	39	36	98.1	5.4	90.7	5.2	84.9	5.0	81.2	4.8	77.4	4.7	71.7	4.5
	44	40	98.1	5.1	90.7	4.9	84.9	4.7	81.2	4.6	77.4	4.5	71.7	4.2
	47	43	98.1	4.9	90.7	4.7	84.9	4.5	81.2	4.4	77.4	4.3	71.7	4.1
	51	47	98.1	4.6	90.7	4.4	84.9	4.3	81.2	4.1	77.4	4.0	71.7	3.8
	54	50	98.1	4.4	90.7	4.2	84.9	4.1	81.2	4.0	77.4	3.8	71.7	3.7
	57	53	98.1	4.2	90.7	4.0	84.9	3.9	81.2	3.8	77.4	3.7	71.7	3.5
	60	56	98.1	4.0	90.7	3.8	84.9	3.7	81.2	3.6	77.4	3.5	71.7	3.3
130	-12.6	-13	53.4	4.7	53.2	4.9	53.0	5.1	52.9	5.2	52.8	5.3	52.7	5.5
	-9	-9.4	61.1	5.2	60.9	5.5	60.7	5.7	60.6	5.8	60.5	5.9	60.3	6.1
	-3.64	-4	66.4	5.5	66.1	5.8	65.9	6.0	65.8	6.2	65.6	6.3	65.4	6.5
	-1.84	-2.2	69.0	5.7	68.8	6.0	68.5	6.2	68.4	6.3	68.3	6.5	68.1	6.7
	5.5	5	79.9	6.3	79.5	6.6	79.3	6.9	79.1	7.0	77.2	7.0	71.4	6.6
	9.5	8.5	85.2	6.6	84.9	6.9	84.6	7.1	80.9	7.0	77.2	6.8	71.4	6.4
	13	12	90.7	6.8	90.3	7.2	84.6	6.9	80.9	6.7	77.2	6.5	71.4	6.2
	15	14	93.8	7.0	90.3	7.0	84.6	6.8	80.9	6.6	77.2	6.4	71.4	6.1
	17	15.5	96.2	7.1	90.3	6.9	84.6	6.7	80.9	6.5	77.2	6.3	71.4	6.0
	19	18	97.8	7.0	90.3	6.7	84.6	6.5	80.9	6.3	77.2	6.1	71.4	5.8
	22	20	97.8	6.9	90.3	6.6	84.6	6.4	80.9	6.2	77.2	6.0	71.4	5.7
	26	24	97.8	6.6	90.3	6.3	84.6	6.1	80.9	5.9	77.2	5.8	71.4	5.5
	30	28	97.8	6.3	90.3	6.0	84.6	5.8	80.9	5.7	77.2	5.5	71.4	5.2
	35	32	97.8	6.0	90.3	5.7	84.6	5.5	80.9	5.4	77.2	5.2	71.4	5.0
	39	36	97.8	5.7	90.3	5.5	84.6	5.3	80.9	5.1	77.2	5.0	71.4	4.7
	44	40	97.8	5.4	90.3	5.2	84.6	5.0	80.9	4.9	77.2	4.7	71.4	4.5
	47	43	97.8	5.2	90.3	5.0	84.6	4.8	80.9	4.7	77.2	4.5	71.4	4.3
	51	47	97.8	4.9	90.3	4.7	84.6	4.5	80.9	4.4	77.2	4.3	71.4	4.1
	54	50	97.8	4.7	90.3	4.5	84.6	4.3	80.9	4.2	77.2	4.1	71.4	3.9
	57	53	97.8	4.4	90.3	4.3	84.6	4.1	80.9	4.0	77.2	3.9	71.4	3.7
	60	56	97.8	4.2	90.3	4.0	84.6	3.9	80.9	3.8	77.2	3.7	71.4	3.5

Tc: Total Capacity PI: Power Input

Table 131 - 38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	53.2	4.9	53.0	5.2	52.8	5.4	52.7	5.5	52.6	5.6	52.5	5.8
	-9	-9.4	60.9	5.5	60.7	5.8	60.5	6.0	60.4	6.1	60.2	6.3	60.0	6.5
	-3.64	-4	66.1	5.8	65.9	6.1	65.7	6.4	65.5	6.5	65.4	6.7	65.2	6.9
	-1.84	-2.2	68.8	6.0	68.5	6.3	68.3	6.5	68.2	6.7	68.0	6.8	67.8	7.1
	5.5	5	79.6	6.6	79.2	7.0	79.0	7.2	78.8	7.4	76.9	7.4	71.1	7.0
	9.5	8.5	84.9	6.9	84.6	7.3	84.3	7.6	80.6	7.4	76.9	7.1	71.1	6.8
	13	12	90.3	7.2	90.0	7.6	84.3	7.3	80.6	7.1	76.9	6.9	71.1	6.6
	15	14	93.5	7.3	90.0	7.4	84.3	7.2	80.6	7.0	76.9	6.8	71.1	6.4
	17	15.5	95.9	7.4	90.0	7.3	84.3	7.0	80.6	6.9	76.9	6.7	71.1	6.3
	19	18	97.4	7.4	90.0	7.1	84.3	6.9	80.6	6.7	76.9	6.5	71.1	6.2
120	22	20	97.4	7.2	90.0	7.0	84.3	6.7	80.6	6.5	76.9	6.4	71.1	6.0
	26	24	97.4	6.9	90.0	6.7	84.3	6.4	80.6	6.3	76.9	6.1	71.1	5.8
	30	28	97.4	6.6	90.0	6.4	84.3	6.1	80.6	6.0	76.9	5.8	71.1	5.5
	35	32	97.4	6.3	90.0	6.1	84.3	5.9	80.6	5.7	76.9	5.5	71.1	5.3
	39	36	97.4	6.0	90.0	5.8	84.3	5.6	80.6	5.4	76.9	5.3	71.1	5.0
	44	40	97.4	5.7	90.0	5.5	84.3	5.3	80.6	5.1	76.9	5.0	71.1	4.7
	47	43	97.4	5.5	90.0	5.2	84.3	5.1	80.6	4.9	76.9	4.8	71.1	4.5
	51	47	97.4	5.1	90.0	5.0	84.3	4.8	80.6	4.6	76.9	4.5	71.1	4.3
	54	50	97.4	4.9	90.0	4.7	84.3	4.6	80.6	4.4	76.9	4.3	71.1	4.1
	57	53	97.4	4.7	90.0	4.5	84.3	4.3	80.6	4.2	76.9	4.1	71.1	3.9
	60	56	97.4	4.4	90.0	4.3	84.3	4.1	80.6	4.0	76.9	3.9	71.1	3.7
	-12.6	-13	53.0	5.2	52.8	5.5	52.6	5.7	52.5	5.8	52.4	5.9	52.3	6.2
	-9	-9.4	60.7	5.8	60.4	6.1	60.3	6.3	60.1	6.4	60.0	6.6	59.8	6.8
	-3.64	-4	65.9	6.1	65.6	6.4	65.4	6.7	65.3	6.9	65.2	7.0	65.0	7.2
	-1.84	-2.2	68.5	6.3	68.3	6.6	68.0	6.9	67.9	7.0	67.8	7.2	67.6	7.5
	5.5	5	79.3	7.0	79.0	7.3	78.7	7.6	78.5	7.8	76.6	7.8	70.9	7.4
	9.5	8.5	84.6	7.3	84.3	7.7	84.0	7.9	80.3	7.7	76.6	7.5	70.9	7.1
	13	12	90.0	7.6	89.7	8.0	84.0	7.7	80.3	7.5	76.6	7.3	70.9	6.9
	15	14	93.1	7.7	89.7	7.8	84.0	7.5	80.3	7.3	76.6	7.1	70.9	6.8
	17	15.5	95.5	7.8	89.7	7.7	84.0	7.4	80.3	7.2	76.6	7.0	70.9	6.7
	19	18	97.1	7.8	89.7	7.5	84.0	7.2	80.3	7.0	76.6	6.8	70.9	6.5
110	22	20	97.1	7.6	89.7	7.3	84.0	7.1	80.3	6.9	76.6	6.7	70.9	6.4
	26	24	97.1	7.3	89.7	7.0	84.0	6.8	80.3	6.6	76.6	6.4	70.9	6.1
	30	28	97.1	7.0	89.7	6.7	84.0	6.5	80.3	6.3	76.6	6.1	70.9	5.8
	35	32	97.1	6.6	89.7	6.4	84.0	6.2	80.3	6.0	76.6	5.8	70.9	5.5
	39	36	97.1	6.3	89.7	6.1	84.0	5.9	80.3	5.7	76.6	5.5	70.9	5.3
	44	40	97.1	6.0	89.7	5.8	84.0	5.6	80.3	5.4	76.6	5.3	70.9	5.0
	47	43	97.1	5.7	89.7	5.5	84.0	5.3	80.3	5.2	76.6	5.0	70.9	4.8
	51	47	97.1	5.4	89.7	5.2	84.0	5.0	80.3	4.9	76.6	4.8	70.9	4.5
	54	50	97.1	5.2	89.7	5.0	84.0	4.8	80.3	4.7	76.6	4.5	70.9	4.3
	57	53	97.1	4.9	89.7	4.7	84.0	4.6	80.3	4.4	76.6	4.3	70.9	4.1
	60	56	97.1	4.7	89.7	4.5	84.0	4.3	80.3	4.2	76.6	4.1	70.9	3.9
	-12.6	-13	52.8	5.5	52.6	5.7	52.5	6.0	52.3	6.1	52.2	6.2	52.1	6.5
	-9	-9.4	60.5	6.1	60.2	6.4	60.0	6.6	59.9	6.8	59.8	6.9	59.6	7.2
	-3.64	-4	65.7	6.4	65.4	6.8	65.2	7.0	65.1	7.2	64.9	7.4	64.7	7.6
	-1.84	-2.2	68.3	6.6	68.0	7.0	67.8	7.2	67.7	7.4	67.5	7.6	67.3	7.8
	5.5	5	79.0	7.3	78.7	7.7	78.4	8.0	78.3	8.2	76.3	8.2	70.6	7.7
	9.5	8.5	84.3	7.6	84.0	8.0	83.7	8.3	80.0	8.1	76.3	7.9	70.6	7.5
	13	12	89.7	7.9	89.3	8.4	83.7	8.1	80.0	7.9	76.3	7.6	70.6	7.2
	15	14	92.8	8.1	89.4	8.2	83.7	7.9	80.0	7.7	76.3	7.5	70.6	7.1
	17	15.5	95.2	8.2	89.4	8.1	83.7	7.8	80.0	7.6	76.3	7.4	70.6	7.0
	19	18	96.7	8.2	89.4	7.9	83.7	7.6	80.0	7.4	76.3	7.2	70.6	6.8
100	22	20	96.7	8.0	89.4	7.7	83.7	7.4	80.0	7.2	76.3	7.0	70.6	6.7
	26	24	96.7	7.7	89.4	7.4	83.7	7.1	80.0	6.9	76.3	6.7	70.6	6.4
	30	28	96.7	7.3	89.4	7.0	83.7	6.8	80.0	6.6	76.3	6.4	70.6	6.1
	35	32	96.7	7.0	89.4	6.7	83.7	6.5	80.0	6.3	76.3	6.1	70.6	5.8
	39	36	96.7	6.6	89.4	6.4	83.7	6.2	80.0	6.0	76.3	5.8	70.6	5.5
	44	40	96.7	6.3	89.4	6.1	83.7	5.8	80.0	5.7	76.3	5.5	70.6	5.2
	47	43	96.7	6.0	89.4	5.8	83.7	5.6	80.0	5.4	76.3	5.3	70.6	5.0
	51	47	96.7	5.7	89.4	5.5	83.7	5.3	80.0	5.1	76.3	5.0	70.6	4.7
	54	50	96.7	5.4	89.4	5.2	83.7	5.0	80.0	4.9	76.3	4.8	70.6	4.5
	57	53	96.7	5.2	89.4	5.0	83.7	4.8	80.0	4.7	76.3	4.5	70.6	4.3
	60	56	96.7	4.9	89.4	4.7	83.7	4.6	80.0	4.4	76.3	4.3	70.6	4.1

Tc: Total Capacity PI: Power Input

Table 132 - 38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	52.6	5.7	52.4	6.0	52.3	6.2	52.2	6.4	52.0	6.5	51.9	6.8
	-9	-9.4	60.2	6.3	60.0	6.7	59.8	6.9	59.7	7.1	59.6	7.2	59.4	7.5
	-3.64	-4	65.4	6.7	65.1	7.1	64.9	7.4	64.8	7.5	64.7	7.7	63.6	7.8
	-1.84	-2.2	68.0	6.9	67.8	7.3	67.5	7.6	67.4	7.7	67.3	7.9	63.6	7.7
	5.5	5	78.7	7.7	78.4	8.1	75.3	8.0	72.0	7.8	68.7	7.6	63.6	7.2
	9.5	8.5	84.0	8.0	80.4	8.0	75.3	7.8	72.0	7.6	68.7	7.4	63.6	7.0
	13	12	87.1	8.1	80.4	7.8	75.3	7.5	72.0	7.3	68.7	7.1	63.6	6.8
	15	14	87.1	7.9	80.4	7.6	75.3	7.4	72.0	7.2	68.7	7.0	63.6	6.6
	17	15.5	87.1	7.8	80.4	7.5	75.3	7.3	72.0	7.1	68.7	6.9	63.6	6.5
	19	18	87.1	7.6	80.4	7.3	75.3	7.1	72.0	6.9	68.7	6.7	63.6	6.4
90	22	20	87.1	7.4	80.4	7.2	75.3	6.9	72.0	6.7	68.7	6.6	63.6	6.2
	26	24	87.1	7.1	80.4	6.9	75.3	6.6	72.0	6.5	68.7	6.3	63.6	6.0
	30	28	87.1	6.8	80.4	6.5	75.3	6.3	72.0	6.2	68.7	6.0	63.6	5.7
	35	32	87.1	6.5	80.4	6.2	75.3	6.0	72.0	5.9	68.7	5.7	63.6	5.4
	39	36	87.1	6.2	80.4	5.9	75.3	5.7	72.0	5.6	68.7	5.4	63.6	5.2
	44	40	87.1	5.8	80.4	5.6	75.3	5.4	72.0	5.3	68.7	5.1	63.6	4.9
	47	43	87.1	5.6	80.4	5.4	75.3	5.2	72.0	5.1	68.7	4.9	63.6	4.7
	51	47	87.1	5.3	80.4	5.1	75.3	4.9	72.0	4.8	68.7	4.7	63.6	4.4
	54	50	87.1	5.0	80.4	4.9	75.3	4.7	72.0	4.6	68.7	4.4	63.6	4.2
	57	53	87.1	4.8	80.4	4.6	75.3	4.5	72.0	4.4	68.7	4.2	63.6	4.0
	60	56	87.1	4.6	80.4	4.4	75.3	4.2	72.0	4.1	68.7	4.0	63.6	3.8
	-12.6	-13	52.4	6.0	52.2	6.3	52.1	6.5	52.0	6.7	51.9	6.8	51.7	7.1
	-9	-9.4	60.0	6.6	59.8	7.0	59.6	7.2	59.5	7.4	59.4	7.6	56.5	7.4
	-3.64	-4	65.2	7.0	64.9	7.4	64.7	7.7	64.0	7.8	61.1	7.6	56.5	7.2
	-1.84	-2.2	67.8	7.2	67.5	7.6	66.9	7.9	64.0	7.7	61.1	7.5	56.5	7.1
	5.5	5	77.4	7.9	71.5	7.6	66.9	7.4	64.0	7.2	61.1	7.0	56.5	6.7
	9.5	8.5	77.4	7.6	71.5	7.4	66.9	7.1	64.0	7.0	61.1	6.8	56.5	6.5
	13	12	77.4	7.4	71.5	7.1	66.9	6.9	64.0	6.7	61.1	6.5	56.5	6.2
	15	14	77.4	7.2	71.5	7.0	66.9	6.8	64.0	6.6	61.1	6.4	56.5	6.1
	17	15.5	77.4	7.1	71.5	6.9	66.9	6.7	64.0	6.5	61.1	6.3	56.5	6.0
	19	18	77.4	6.9	71.5	6.7	66.9	6.5	64.0	6.3	61.1	6.2	56.5	5.9
80	22	20	77.4	6.8	71.5	6.6	66.9	6.3	64.0	6.2	61.1	6.0	56.5	5.7
	26	24	77.4	6.5	71.5	6.3	66.9	6.1	64.0	5.9	61.1	5.8	56.5	5.5
	30	28	77.4	6.2	71.5	6.0	66.9	5.8	64.0	5.7	61.1	5.5	56.5	5.3
	35	32	77.4	5.9	71.5	5.7	66.9	5.5	64.0	5.4	61.1	5.3	56.5	5.0
	39	36	77.4	5.6	71.5	5.4	66.9	5.3	64.0	5.1	61.1	5.0	56.5	4.8
	44	40	77.4	5.3	71.5	5.2	66.9	5.0	64.0	4.9	61.1	4.7	56.5	4.5
	47	43	77.4	5.1	71.5	4.9	66.9	4.8	64.0	4.7	61.1	4.5	56.5	4.3
	51	47	77.4	4.8	71.5	4.7	66.9	4.5	64.0	4.4	61.1	4.3	56.5	4.1
	54	50	77.4	4.6	71.5	4.5	66.9	4.3	64.0	4.2	61.1	4.1	56.5	3.9
	57	53	77.4	4.4	71.5	4.2	66.9	4.1	64.0	4.0	61.1	3.9	56.5	3.7
	60	56	77.4	4.2	71.5	4.0	66.9	3.9	64.0	3.8	61.1	3.7	56.5	3.5
	-12.6	-13	52.2	6.2	52.0	6.6	51.9	6.8	51.8	7.0	51.7	7.1	49.4	7.1
	-9	-9.4	59.8	6.9	59.6	7.3	58.6	7.4	56.0	7.3	53.4	7.1	49.4	6.8
	-3.64	-4	64.9	7.3	62.6	7.4	58.6	7.2	56.0	7.0	53.4	6.9	49.4	6.6
	-1.84	-2.2	67.5	7.5	62.6	7.3	58.6	7.1	56.0	6.9	53.4	6.8	49.4	6.5
	5.5	5	67.7	7.1	62.6	6.9	58.6	6.7	56.0	6.5	53.4	6.3	49.4	6.0
	9.5	8.5	67.7	6.9	62.6	6.6	58.6	6.4	56.0	6.3	53.4	6.1	49.4	5.9
	13	12	67.7	6.6	62.6	6.4	58.6	6.2	56.0	6.1	53.4	5.9	49.4	5.7
	15	14	67.7	6.5	62.6	6.3	58.6	6.1	56.0	6.0	53.4	5.8	49.4	5.5
	17	15.5	67.7	6.4	62.6	6.2	58.6	6.0	56.0	5.9	53.4	5.7	49.4	5.5
	19	18	67.7	6.2	62.6	6.0	58.6	5.9	56.0	5.7	53.4	5.6	49.4	5.3
70	22	20	67.7	6.1	62.6	5.9	58.6	5.7	56.0	5.6	53.4	5.5	49.4	5.2
	26	24	67.7	5.9	62.6	5.7	58.6	5.5	56.0	5.4	53.4	5.2	49.4	5.0
	30	28	67.7	5.6	62.6	5.4	58.6	5.2	56.0	5.1	53.4	5.0	49.4	4.8
	35	32	67.7	5.3	62.6	5.2	58.6	5.0	56.0	4.9	53.4	4.8	49.4	4.5
	39	36	67.7	5.1	62.6	4.9	58.6	4.7	56.0	4.6	53.4	4.5	49.4	4.3
	44	40	67.7	4.8	62.6	4.6	58.6	4.5	56.0	4.4	53.4	4.3	49.4	4.1
	47	43	67.7	4.6	62.6	4.5	58.6	4.3	56.0	4.2	53.4	4.1	49.4	3.9
	51	47	67.7	4.3	62.6	4.2	58.6	4.1	56.0	4.0	53.4	3.9	49.4	3.7
	54	50	67.7	4.1	62.6	4.0	58.6	3.9	56.0	3.8	53.4	3.7	49.4	3.5
	57	53	67.7	3.9	62.6	3.8	58.6	3.7	56.0	3.6	53.4	3.5	49.4	3.4
	60	56	67.7	3.8	62.6	3.6	58.6	3.5	56.0	3.4	53.4	3.3	49.4	3.2

Tc: Total Capacity PI: Power Input

Table 133 - 38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	52.0	6.5	51.8	6.8	50.2	6.9	48.0	6.7	45.8	6.5	42.4	6.3
	-9	-9.4	58.0	7.0	53.6	6.8	50.2	6.6	48.0	6.4	45.8	6.3	42.4	6.0
	-3.64	-4	58.0	6.8	53.6	6.6	50.2	6.4	48.0	6.2	45.8	6.1	42.4	5.8
	-1.84	-2.2	58.0	6.7	53.6	6.5	50.2	6.3	48.0	6.1	45.8	6.0	42.4	5.7
	5.5	5	58.0	6.3	53.6	6.1	50.2	5.9	48.0	5.8	45.8	5.6	42.4	5.4
	9.5	8.5	58.0	6.1	53.6	5.9	50.2	5.7	48.0	5.6	45.8	5.4	42.4	5.2
	13	12	58.0	5.8	53.6	5.7	50.2	5.5	48.0	5.4	45.8	5.3	42.4	5.0
	15	14	58.0	5.7	53.6	5.6	50.2	5.4	48.0	5.3	45.8	5.1	42.4	4.9
	17	15.5	58.0	5.6	53.6	5.5	50.2	5.3	48.0	5.2	45.8	5.1	42.4	4.9
	19	18	58.0	5.5	53.6	5.3	50.2	5.2	48.0	5.1	45.8	4.9	42.4	4.7
	22	20	58.0	5.4	53.6	5.2	50.2	5.1	48.0	5.0	45.8	4.8	42.4	4.6
	26	24	58.0	5.2	53.6	5.0	50.2	4.9	48.0	4.7	45.8	4.6	42.4	4.4
	30	28	58.0	4.9	53.6	4.8	50.2	4.6	48.0	4.5	45.8	4.4	42.4	4.2
	35	32	58.0	4.7	53.6	4.6	50.2	4.4	48.0	4.3	45.8	4.2	42.4	4.0
	39	36	58.0	4.5	53.6	4.3	50.2	4.2	48.0	4.1	45.8	4.0	42.4	3.8
	44	40	58.0	4.2	53.6	4.1	50.2	4.0	48.0	3.9	45.8	3.8	42.4	3.6
	47	43	58.0	4.1	53.6	3.9	50.2	3.8	48.0	3.7	45.8	3.6	42.4	3.5
	51	47	58.0	3.8	53.6	3.7	50.2	3.6	48.0	3.5	45.8	3.4	42.4	3.3
	54	50	58.0	3.7	53.6	3.5	50.2	3.4	48.0	3.4	45.8	3.3	42.4	3.1
	57	53	58.0	3.5	53.6	3.4	50.2	3.3	48.0	3.2	45.8	3.1	42.4	3.0
	60	56	58.0	3.3	53.6	3.2	50.2	3.1	48.0	3.0	45.8	3.0	42.4	2.8
50	-12.6	-13	48.4	6.3	44.7	6.1	41.8	5.9	40.0	5.8	38.2	5.7	35.3	5.4
	-9	-9.4	48.4	6.0	44.7	5.8	41.8	5.7	40.0	5.5	38.2	5.4	35.3	5.2
	-3.64	-4	48.4	5.8	44.7	5.6	41.8	5.5	40.0	5.4	38.2	5.3	35.3	5.0
	-1.84	-2.2	48.4	5.7	44.7	5.6	41.8	5.4	40.0	5.3	38.2	5.2	35.3	5.0
	5.5	5	48.4	5.4	44.7	5.2	41.8	5.1	40.0	5.0	38.2	4.8	35.3	4.7
	9.5	8.5	48.4	5.2	44.7	5.0	41.8	4.9	40.0	4.8	38.2	4.7	35.3	4.5
	13	12	48.4	5.0	44.7	4.9	41.8	4.7	40.0	4.6	38.2	4.5	35.3	4.4
	15	14	48.4	4.9	44.7	4.8	41.8	4.6	40.0	4.5	38.2	4.4	35.3	4.3
	17	15.5	48.4	4.8	44.7	4.7	41.8	4.6	40.0	4.5	38.2	4.4	35.3	4.2
	19	18	48.4	4.7	44.7	4.6	41.8	4.5	40.0	4.4	38.2	4.3	35.3	4.1
	22	20	48.4	4.6	44.7	4.5	41.8	4.4	40.0	4.3	38.2	4.2	35.3	4.0
	26	24	48.4	4.4	44.7	4.3	41.8	4.2	40.0	4.1	38.2	4.0	35.3	3.8
	30	28	48.4	4.2	44.7	4.1	41.8	4.0	40.0	3.9	38.2	3.8	35.3	3.7
	35	32	48.4	4.0	44.7	3.9	41.8	3.8	40.0	3.7	38.2	3.6	35.3	3.5
	39	36	48.4	3.8	44.7	3.7	41.8	3.6	40.0	3.5	38.2	3.5	35.3	3.3
	44	40	48.4	3.6	44.7	3.5	41.8	3.4	40.0	3.4	38.2	3.3	35.3	3.1
	47	43	48.4	3.5	44.7	3.4	41.8	3.3	40.0	3.2	38.2	3.1	35.3	3.0
	51	47	48.4	3.3	44.7	3.2	41.8	3.1	40.0	3.0	38.2	3.0	35.3	2.8
	54	50	48.4	3.1	44.7	3.0	41.8	3.0	40.0	2.9	38.2	2.8	35.3	2.7
	57	53	48.4	3.0	44.7	2.9	41.8	2.8	40.0	2.8	38.2	2.7	35.3	2.6
	60	56	48.4	2.8	44.7	2.8	41.8	2.7	40.0	2.6	38.2	2.6	35.3	2.5

Tc: Total Capacity PI: Power Input

Table 134 - 38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	54.2	4.3	54.0	4.5	53.8	4.7	53.7	4.8	53.6	4.9	53.4	5.0
	-9	-9.4	62.0	4.7	61.8	4.9	61.6	5.1	61.5	5.3	61.4	5.4	61.2	5.6
	-3.64	-4	67.4	5.0	67.1	5.2	66.9	5.4	66.8	5.6	66.6	5.7	66.4	5.9
	-1.84	-2.2	70.1	5.1	69.8	5.4	69.6	5.6	69.4	5.7	69.3	5.8	69.1	6.0
	5.5	5	81.0	5.6	80.7	5.9	80.5	6.1	80.3	6.3	80.1	6.4	79.9	6.6
	9.5	8.5	86.5	5.8	86.1	6.1	85.9	6.4	85.7	6.5	85.5	6.7	85.3	6.9
	13	12	92.0	6.0	91.7	6.4	91.4	6.6	91.2	6.7	91.0	6.9	90.7	7.1
	15	14	95.2	6.2	94.8	6.5	94.5	6.7	94.4	6.9	94.2	7.0	93.9	7.3
	17	15.5	97.6	6.2	97.2	6.6	96.9	6.8	96.7	7.0	96.6	7.1	96.2	7.4
	19	18	101.7	6.4	101.3	6.7	101.0	6.9	100.8	7.1	100.6	7.3	97.1	7.2
150	22	20	105.0	6.5	104.5	6.8	104.2	7.0	104.0	7.2	103.8	7.4	97.1	7.1
	26	24	111.6	6.6	111.1	7.0	110.8	7.2	110.0	7.4	104.9	7.1	97.1	6.8
	30	28	118.3	6.8	117.8	7.1	115.0	7.2	110.0	7.0	104.9	6.8	97.1	6.5
	35	32	125.1	6.9	122.9	7.1	115.0	6.9	110.0	6.7	104.9	6.5	97.1	6.2
	39	36	132.0	7.0	122.9	6.8	115.0	6.5	110.0	6.4	104.9	6.2	97.1	5.9
	44	40	133.0	6.7	122.9	6.4	115.0	6.2	110.0	6.0	104.9	5.9	97.1	5.6
	47	43	133.0	6.4	122.9	6.2	115.0	6.0	110.0	5.8	104.9	5.6	97.1	5.3
	51	47	133.0	6.1	122.9	5.8	115.0	5.6	110.0	5.5	104.9	5.3	97.1	5.0
	54	50	133.0	5.8	122.9	5.6	115.0	5.4	110.0	5.2	104.9	5.1	97.1	4.8
	57	53	133.0	5.5	122.9	5.3	115.0	5.1	110.0	5.0	104.9	4.8	97.1	4.6
	60	56	133.0	5.2	122.9	5.0	115.0	4.8	110.0	4.7	104.9	4.6	97.1	4.4
	-12.6	-13	54.0	4.5	53.8	4.8	53.6	5.0	53.5	5.1	53.4	5.2	53.2	5.4
	-9	-9.4	61.8	5.0	61.6	5.3	61.4	5.5	61.3	5.6	61.1	5.7	60.9	5.9
	-3.64	-4	67.1	5.3	66.9	5.6	66.6	5.8	66.5	5.9	66.4	6.1	66.2	6.3
	-1.84	-2.2	69.8	5.4	69.5	5.7	69.3	5.9	69.2	6.1	69.0	6.2	68.8	6.4
	5.5	5	80.7	6.0	80.4	6.3	80.2	6.5	80.0	6.7	79.8	6.8	79.6	7.1
	9.5	8.5	86.2	6.2	85.8	6.5	85.6	6.8	85.4	6.9	85.2	7.1	85.0	7.3
	13	12	91.7	6.4	91.3	6.8	91.0	7.0	90.9	7.2	90.7	7.3	90.4	7.6
	15	14	94.9	6.5	94.5	6.9	94.2	7.2	94.0	7.3	93.8	7.5	93.5	7.7
	17	15.5	97.3	6.6	96.9	7.0	96.6	7.2	96.4	7.4	96.2	7.6	95.9	7.8
	19	18	101.3	6.8	100.9	7.1	100.6	7.4	100.4	7.6	100.2	7.7	96.7	7.7
140	22	20	104.6	6.9	104.2	7.2	103.8	7.5	103.6	7.7	103.4	7.9	96.7	7.6
	26	24	111.2	7.1	110.7	7.4	110.4	7.7	109.6	7.8	104.5	7.6	96.7	7.2
	30	28	117.9	7.2	117.4	7.6	114.6	7.7	109.6	7.5	104.5	7.3	96.7	6.9
	35	32	124.7	7.4	122.4	7.6	114.6	7.3	109.6	7.1	104.5	6.9	96.7	6.6
	39	36	131.6	7.5	122.4	7.2	114.6	7.0	109.6	6.8	104.5	6.6	96.7	6.3
	44	40	132.5	7.1	122.4	6.9	114.6	6.6	109.6	6.4	104.5	6.2	96.7	5.9
	47	43	132.5	6.8	122.4	6.6	114.6	6.3	109.6	6.2	104.5	6.0	96.7	5.7
	51	47	132.5	6.4	122.4	6.2	114.6	6.0	109.6	5.8	104.5	5.6	96.7	5.4
	54	50	132.5	6.2	122.4	5.9	114.6	5.7	109.6	5.6	104.5	5.4	96.7	5.1
	57	53	132.5	5.9	122.4	5.6	114.6	5.4	109.6	5.3	104.5	5.1	96.7	4.9
	60	56	132.5	5.6	122.4	5.4	114.6	5.2	109.6	5.0	104.5	4.9	96.7	4.6
	-12.6	-13	53.8	4.8	53.6	5.1	53.4	5.3	53.3	5.4	53.2	5.5	53.0	5.7
	-9	-9.4	61.6	5.3	61.3	5.6	61.2	5.8	61.0	5.9	60.9	6.1	60.7	6.3
	-3.64	-4	66.9	5.6	66.6	5.9	66.4	6.1	66.3	6.3	66.1	6.4	65.9	6.6
	-1.84	-2.2	69.5	5.8	69.3	6.1	69.1	6.3	68.9	6.4	68.8	6.6	68.6	6.8
	5.5	5	80.4	6.3	80.1	6.7	79.9	6.9	79.7	7.1	79.6	7.2	79.3	7.5
	9.5	8.5	85.9	6.6	85.5	6.9	85.3	7.2	85.1	7.4	84.9	7.5	84.6	7.8
	13	12	91.4	6.8	91.0	7.2	90.7	7.4	90.5	7.6	90.3	7.8	90.1	8.1
	15	14	94.5	6.9	94.2	7.3	93.9	7.6	93.7	7.8	93.5	7.9	93.2	8.2
	17	15.5	96.9	7.0	96.5	7.4	96.2	7.7	96.0	7.9	95.9	8.0	95.6	8.3
	19	18	100.9	7.2	100.5	7.6	100.2	7.8	100.0	8.0	99.8	8.2	96.4	8.2
130	22	20	104.2	7.3	103.8	7.7	103.5	8.0	103.3	8.1	103.0	8.3	96.4	8.0
	26	24	110.8	7.5	110.3	7.9	110.0	8.2	109.2	8.3	104.2	8.1	96.4	7.7
	30	28	117.4	7.7	117.0	8.1	114.2	8.2	109.2	7.9	104.2	7.7	96.4	7.3
	35	32	124.2	7.8	122.0	8.1	114.2	7.8	109.2	7.6	104.2	7.3	96.4	7.0
	39	36	131.1	7.9	122.0	7.7	114.2	7.4	109.2	7.2	104.2	7.0	96.4	6.6
	44	40	132.0	7.6	122.0	7.3	114.2	7.0	109.2	6.8	104.2	6.6	96.4	6.3
	47	43	132.0	7.2	122.0	7.0	114.2	6.7	109.2	6.5	104.2	6.4	96.4	6.0
	51	47	132.0	6.8	122.0	6.6	114.2	6.3	109.2	6.2	104.2	6.0	96.4	5.7
	54	50	132.0	6.5	122.0	6.3	114.2	6.0	109.2	5.9	104.2	5.7	96.4	5.4
	57	53	132.0	6.2	122.0	6.0	114.2	5.8	109.2	5.6	104.2	5.4	96.4	5.2
	60	56	132.0	5.9	122.0	5.7	114.2	5.5	109.2	5.3	104.2	5.2	96.4	4.9

Tc: Total Capacity PI: Power Input

Table 135 - 38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	53.6	5.1	53.4	5.4	53.2	5.6	53.1	5.7	53.0	5.8	52.9	6.0
	-9	-9.4	61.4	5.6	61.1	5.9	60.9	6.1	60.8	6.3	60.7	6.4	60.5	6.6
	-3.64	-4	66.6	5.9	66.4	6.2	66.2	6.5	66.0	6.6	65.9	6.8	65.7	7.0
	-1.84	-2.2	69.3	6.1	69.0	6.4	68.8	6.7	68.7	6.8	68.5	7.0	68.3	7.2
	5.5	5	80.2	6.7	79.8	7.0	79.6	7.3	79.4	7.5	79.3	7.6	79.0	7.9
	9.5	8.5	85.6	7.0	85.2	7.3	84.9	7.6	84.8	7.8	84.6	7.9	84.3	8.2
	13	12	91.0	7.2	90.7	7.6	90.4	7.9	90.2	8.0	90.0	8.2	89.7	8.5
	15	14	94.2	7.3	93.8	7.7	93.5	8.0	93.3	8.2	93.1	8.4	92.9	8.7
	17	15.5	96.6	7.4	96.2	7.8	95.9	8.1	95.7	8.3	95.5	8.5	95.2	8.8
	19	18	100.6	7.6	100.2	8.0	99.9	8.3	99.7	8.5	99.5	8.7	96.0	8.6
120	22	20	103.8	7.7	103.4	8.1	103.1	8.4	102.9	8.6	102.7	8.8	96.0	8.5
	26	24	110.4	7.9	109.9	8.3	109.6	8.6	108.8	8.8	103.8	8.5	96.0	8.1
	30	28	117.0	8.1	116.5	8.5	113.8	8.6	108.8	8.4	103.8	8.1	96.0	7.7
	35	32	123.8	8.2	121.5	8.5	113.8	8.2	108.8	8.0	103.8	7.8	96.0	7.4
	39	36	130.6	8.3	121.5	8.1	113.8	7.8	108.8	7.6	103.8	7.4	96.0	7.0
	44	40	131.5	8.0	121.5	7.7	113.8	7.4	108.8	7.2	103.8	7.0	96.0	6.6
	47	43	131.5	7.7	121.5	7.4	113.8	7.1	108.8	6.9	103.8	6.7	96.0	6.4
	51	47	131.5	7.2	121.5	6.9	113.8	6.7	108.8	6.5	103.8	6.3	96.0	6.0
	54	50	131.5	6.9	121.5	6.6	113.8	6.4	108.8	6.2	103.8	6.0	96.0	5.7
	57	53	131.5	6.6	121.5	6.3	113.8	6.1	108.8	5.9	103.8	5.8	96.0	5.5
	60	56	131.5	6.2	121.5	6.0	113.8	5.8	108.8	5.6	103.8	5.5	96.0	5.2
	-12.6	-13	53.4	5.4	53.2	5.6	53.0	5.9	52.9	6.0	52.8	6.1	52.7	6.4
	-9	-9.4	61.1	5.9	60.9	6.2	60.7	6.5	60.6	6.6	60.5	6.8	60.3	7.0
	-3.64	-4	66.4	6.2	66.1	6.6	65.9	6.8	65.8	7.0	65.7	7.1	65.4	7.4
	-1.84	-2.2	69.0	6.4	68.8	6.8	68.6	7.0	68.4	7.2	68.3	7.3	68.1	7.6
	5.5	5	79.9	7.0	79.5	7.4	79.3	7.7	79.1	7.9	79.0	8.1	78.7	8.3
	9.5	8.5	85.2	7.3	84.9	7.7	84.6	8.0	84.5	8.2	84.3	8.4	84.0	8.7
	13	12	90.7	7.6	90.3	8.0	90.0	8.3	89.9	8.5	89.7	8.7	89.4	9.0
	15	14	93.8	7.7	93.5	8.1	93.2	8.4	93.0	8.6	92.8	8.8	92.5	9.1
	17	15.5	96.2	7.8	95.8	8.2	95.5	8.5	95.3	8.7	95.2	8.9	94.9	9.3
	19	18	100.2	8.0	99.8	8.4	99.5	8.7	99.3	8.9	99.1	9.1	95.7	9.1
110	22	20	103.4	8.1	103.0	8.5	102.7	8.9	102.5	9.1	102.3	9.3	95.7	8.9
	26	24	110.0	8.3	109.5	8.8	109.2	9.1	108.4	9.2	103.4	9.0	95.7	8.5
	30	28	116.6	8.5	116.1	9.0	113.4	9.1	108.4	8.8	103.4	8.6	95.7	8.1
	35	32	123.3	8.7	121.1	9.0	113.4	8.6	108.4	8.4	103.4	8.2	95.7	7.8
	39	36	130.1	8.8	121.1	8.5	113.4	8.2	108.4	8.0	103.4	7.8	95.7	7.4
	44	40	131.1	8.4	121.1	8.1	113.4	7.8	108.4	7.6	103.4	7.4	95.7	7.0
	47	43	131.1	8.1	121.1	7.7	113.4	7.5	108.4	7.3	103.4	7.1	95.7	6.7
	51	47	131.1	7.6	121.1	7.3	113.4	7.0	108.4	6.9	103.4	6.7	95.7	6.3
	54	50	131.1	7.3	121.1	7.0	113.4	6.7	108.4	6.5	103.4	6.4	95.7	6.0
	57	53	131.1	6.9	121.1	6.6	113.4	6.4	108.4	6.2	103.4	6.1	95.7	5.8
	60	56	131.1	6.6	121.1	6.3	113.4	6.1	108.4	5.9	103.4	5.8	95.7	5.5
	-12.6	-13	53.2	5.6	53.0	5.9	52.8	6.2	52.7	6.3	52.6	6.4	52.5	6.7
	-9	-9.4	60.9	6.2	60.7	6.5	60.5	6.8	60.4	6.9	60.2	7.1	60.1	7.3
	-3.64	-4	66.1	6.6	65.9	6.9	65.7	7.2	65.5	7.3	65.4	7.5	65.2	7.8
	-1.84	-2.2	68.8	6.7	68.5	7.1	68.3	7.4	68.2	7.5	68.0	7.7	67.8	8.0
	5.5	5	79.6	7.4	79.3	7.8	79.0	8.1	78.8	8.3	78.7	8.5	78.4	8.7
	9.5	8.5	84.9	7.7	84.6	8.1	84.3	8.4	84.2	8.6	84.0	8.8	83.7	9.1
	13	12	90.4	8.0	90.0	8.4	89.7	8.7	89.5	8.9	89.4	9.1	89.1	9.4
	15	14	93.5	8.1	93.1	8.5	92.8	8.9	92.6	9.1	92.5	9.3	92.2	9.6
	17	15.5	95.9	8.2	95.5	8.6	95.2	9.0	95.0	9.2	94.8	9.4	94.5	9.7
	19	18	99.8	8.4	99.4	8.8	99.1	9.2	98.9	9.4	98.7	9.6	95.3	9.6
100	22	20	103.1	8.5	102.6	9.0	102.3	9.3	102.1	9.5	101.9	9.7	95.3	9.4
	26	24	109.6	8.7	109.1	9.2	108.8	9.5	108.0	9.7	103.0	9.4	95.3	9.0
	30	28	116.2	8.9	115.7	9.4	113.0	9.5	108.0	9.3	103.0	9.0	95.3	8.6
	35	32	122.8	9.1	120.7	9.4	113.0	9.1	108.0	8.8	103.0	8.6	95.3	8.2
	39	36	129.6	9.2	120.7	8.9	113.0	8.6	108.0	8.4	103.0	8.2	95.3	7.8
	44	40	130.6	8.8	120.7	8.5	113.0	8.2	108.0	8.0	103.0	7.7	95.3	7.3
	47	43	130.6	8.5	120.7	8.1	113.0	7.8	108.0	7.6	103.0	7.4	95.3	7.0
	51	47	130.6	8.0	120.7	7.7	113.0	7.4	108.0	7.2	103.0	7.0	95.3	6.6
	54	50	130.6	7.6	120.7	7.3	113.0	7.1	108.0	6.9	103.0	6.7	95.3	6.3
	57	53	130.6	7.3	120.7	7.0	113.0	6.7	108.0	6.5	103.0	6.4	95.3	6.0
	60	56	130.6	6.9	120.7	6.6	113.0	6.4	108.0	6.2	103.0	6.0	95.3	5.7

Tc: Total Capacity PI: Power Input

Table 136 - 38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	53.0	5.9	52.8	6.2	52.6	6.4	52.5	6.6	52.4	6.8	52.3	7.0
	-9	-9.4	60.7	6.5	60.4	6.8	60.3	7.1	60.1	7.3	60.0	7.4	59.8	7.7
	-3.64	-4	65.9	6.9	65.6	7.2	65.4	7.5	65.3	7.7	65.2	7.9	65.0	8.1
	-1.84	-2.2	68.5	7.1	68.3	7.4	68.0	7.7	67.9	7.9	67.8	8.1	67.6	8.3
	5.5	5	79.3	7.7	79.0	8.1	78.7	8.5	78.6	8.7	78.4	8.9	78.2	9.2
	9.5	8.5	84.6	8.1	84.3	8.5	84.0	8.8	83.8	9.0	83.7	9.2	83.4	9.5
	13	12	90.0	8.3	89.7	8.8	89.4	9.1	89.2	9.3	89.0	9.5	85.8	9.5
	15	14	93.1	8.5	92.8	8.9	92.5	9.3	92.3	9.5	92.1	9.7	85.8	9.3
	17	15.5	95.5	8.6	95.1	9.1	94.8	9.4	94.6	9.6	92.7	9.6	85.8	9.2
	19	18	99.5	8.8	99.1	9.2	98.8	9.6	97.2	9.7	92.7	9.4	85.8	8.9
90	22	20	102.7	8.9	102.3	9.4	101.7	9.7	97.2	9.5	92.7	9.2	85.8	8.7
	26	24	109.1	9.2	108.6	9.6	101.7	9.3	97.2	9.0	92.7	8.8	85.8	8.4
	30	28	115.7	9.4	108.6	9.2	101.7	8.9	97.2	8.6	92.7	8.4	85.8	8.0
	35	32	117.5	9.1	108.6	8.8	101.7	8.4	97.2	8.2	92.7	8.0	85.8	7.6
	39	36	117.5	8.6	108.6	8.3	101.7	8.0	97.2	7.8	92.7	7.6	85.8	7.2
	44	40	117.5	8.2	108.6	7.9	101.7	7.6	97.2	7.4	92.7	7.2	85.8	6.9
	47	43	117.5	7.8	108.6	7.6	101.7	7.3	97.2	7.1	92.7	6.9	85.8	6.6
	51	47	117.5	7.4	108.6	7.1	101.7	6.9	97.2	6.7	92.7	6.5	85.8	6.2
	54	50	117.5	7.1	108.6	6.8	101.7	6.6	97.2	6.4	92.7	6.2	85.8	5.9
	57	53	117.5	6.7	108.6	6.5	101.7	6.3	97.2	6.1	92.7	5.9	85.8	5.6
	60	56	117.5	6.4	108.6	6.2	101.7	6.0	97.2	5.8	92.7	5.6	85.8	5.4
	-12.6	-13	52.8	6.2	52.6	6.5	52.5	6.7	52.3	6.9	52.2	7.1	52.1	7.3
	-9	-9.4	60.5	6.8	60.2	7.1	60.0	7.4	59.9	7.6	59.8	7.8	59.6	8.0
	-3.64	-4	65.7	7.2	65.4	7.6	65.2	7.8	65.1	8.0	64.9	8.2	64.7	8.5
	-1.84	-2.2	68.3	7.4	68.0	7.8	67.8	8.1	67.7	8.2	67.5	8.4	67.3	8.7
	5.5	5	79.0	8.1	78.7	8.5	78.4	8.8	78.3	9.0	78.1	9.2	76.3	9.4
	9.5	8.5	84.3	8.4	84.0	8.8	83.7	9.2	83.5	9.4	82.4	9.5	76.3	9.1
	13	12	89.7	8.7	89.3	9.2	89.1	9.5	86.4	9.4	82.4	9.2	76.3	8.7
	15	14	92.8	8.9	92.4	9.3	90.4	9.5	86.4	9.2	82.4	9.0	76.3	8.6
	17	15.5	95.2	9.0	94.8	9.5	90.4	9.3	86.4	9.1	82.4	8.9	76.3	8.4
	19	18	99.1	9.2	96.5	9.4	90.4	9.1	86.4	8.9	82.4	8.6	76.3	8.2
80	22	20	102.3	9.3	96.5	9.2	90.4	8.9	86.4	8.7	82.4	8.5	76.3	8.1
	26	24	104.5	9.1	96.5	8.8	90.4	8.5	86.4	8.3	82.4	8.1	76.3	7.7
	30	28	104.5	8.7	96.5	8.4	90.4	8.1	86.4	7.9	82.4	7.7	76.3	7.4
	35	32	104.5	8.3	96.5	8.0	90.4	7.8	86.4	7.6	82.4	7.4	76.3	7.0
	39	36	104.5	7.9	96.5	7.6	90.4	7.4	86.4	7.2	82.4	7.0	76.3	6.7
	44	40	104.5	7.5	96.5	7.2	90.4	7.0	86.4	6.8	82.4	6.6	76.3	6.3
	47	43	104.5	7.2	96.5	6.9	90.4	6.7	86.4	6.5	82.4	6.4	76.3	6.1
	51	47	104.5	6.8	96.5	6.5	90.4	6.3	86.4	6.2	82.4	6.0	76.3	5.7
	54	50	104.5	6.5	96.5	6.2	90.4	6.0	86.4	5.9	82.4	5.7	76.3	5.5
	57	53	104.5	6.2	96.5	5.9	90.4	5.7	86.4	5.6	82.4	5.5	76.3	5.2
	60	56	104.5	5.9	96.5	5.6	90.4	5.5	86.4	5.3	82.4	5.2	76.3	4.9
	-12.6	-13	52.6	6.4	52.4	6.8	52.3	7.0	52.2	7.2	52.0	7.4	51.9	7.6
	-9	-9.4	60.2	7.1	60.0	7.4	59.8	7.7	59.7	7.9	59.6	8.1	59.4	8.4
	-3.64	-4	65.4	7.5	65.2	7.9	64.9	8.2	64.8	8.4	64.7	8.6	64.5	8.9
	-1.84	-2.2	68.0	7.7	67.8	8.1	67.5	8.4	67.4	8.6	67.3	8.8	66.7	9.0
	5.5	5	78.7	8.4	78.4	8.9	78.1	9.2	75.6	9.1	72.1	8.9	66.7	8.5
	9.5	8.5	84.0	8.8	83.6	9.2	79.1	9.0	75.6	8.8	72.1	8.6	66.7	8.2
	13	12	89.4	9.1	84.5	9.0	79.1	8.7	75.6	8.5	72.1	8.3	66.7	7.9
	15	14	91.4	9.1	84.5	8.8	79.1	8.6	75.6	8.4	72.1	8.1	66.7	7.8
	17	15.5	91.4	9.0	84.5	8.7	79.1	8.4	75.6	8.2	72.1	8.0	66.7	7.7
	19	18	91.4	8.8	84.5	8.5	79.1	8.2	75.6	8.0	72.1	7.8	66.7	7.5
70	22	20	91.4	8.6	84.5	8.3	79.1	8.0	75.6	7.9	72.1	7.6	66.7	7.3
	26	24	91.4	8.2	84.5	7.9	79.1	7.7	75.6	7.5	72.1	7.3	66.7	7.0
	30	28	91.4	7.8	84.5	7.6	79.1	7.3	75.6	7.2	72.1	7.0	66.7	6.7
	35	32	91.4	7.5	84.5	7.2	79.1	7.0	75.6	6.8	72.1	6.7	66.7	6.4
	39	36	91.4	7.1	84.5	6.9	79.1	6.7	75.6	6.5	72.1	6.3	66.7	6.1
	44	40	91.4	6.7	84.5	6.5	79.1	6.3	75.6	6.2	72.1	6.0	66.7	5.7
	47	43	91.4	6.5	84.5	6.2	79.1	6.1	75.6	5.9	72.1	5.8	66.7	5.5
	51	47	91.4	6.1	84.5	5.9	79.1	5.7	75.6	5.6	72.1	5.4	66.7	5.2
	54	50	91.4	5.8	84.5	5.6	79.1	5.4	75.6	5.3	72.1	5.2	66.7	5.0
	57	53	91.4	5.5	84.5	5.4	79.1	5.2	75.6	5.1	72.1	4.9	66.7	4.7
	60	56	91.4	5.3	84.5	5.1	79.1	4.9	75.6	4.8	72.1	4.7	66.7	4.5

Tc: Total Capacity PI: Power Input

Table 137 - 38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	52.4	6.7	52.2	7.0	52.1	7.3	52.0	7.5	51.9	7.7	51.7	7.9
	-9	-9.4	60.0	7.4	59.8	7.7	59.6	8.0	59.5	8.2	59.4	8.4	57.2	8.4
	-3.64	-4	65.2	7.8	64.9	8.2	64.7	8.5	64.6	8.7	61.8	8.5	57.2	8.2
	-1.84	-2.2	67.8	8.0	67.5	8.4	67.3	8.7	64.8	8.6	61.8	8.4	57.2	8.0
	5.5	5	78.4	8.8	72.4	8.5	67.8	8.3	64.8	8.1	61.8	7.9	57.2	7.5
	9.5	8.5	78.4	8.5	72.4	8.2	67.8	8.0	64.8	7.8	61.8	7.6	57.2	7.3
	13	12	78.4	8.2	72.4	8.0	67.8	7.7	64.8	7.5	61.8	7.4	57.2	7.0
	15	14	78.4	8.0	72.4	7.8	67.8	7.6	64.8	7.4	61.8	7.2	57.2	6.9
	17	15.5	78.4	7.9	72.4	7.7	67.8	7.5	64.8	7.3	61.8	7.1	57.2	6.8
	19	18	78.4	7.7	72.4	7.5	67.8	7.3	64.8	7.1	61.8	6.9	57.2	6.6
	22	20	78.4	7.6	72.4	7.3	67.8	7.1	64.8	7.0	61.8	6.8	57.2	6.5
	26	24	78.4	7.2	72.4	7.0	67.8	6.8	64.8	6.7	61.8	6.5	57.2	6.2
	30	28	78.4	6.9	72.4	6.7	67.8	6.5	64.8	6.4	61.8	6.2	57.2	5.9
	35	32	78.4	6.6	72.4	6.4	67.8	6.2	64.8	6.1	61.8	5.9	57.2	5.7
	39	36	78.4	6.3	72.4	6.1	67.8	5.9	64.8	5.8	61.8	5.6	57.2	5.4
	44	40	78.4	5.9	72.4	5.8	67.8	5.6	64.8	5.5	61.8	5.3	57.2	5.1
	47	43	78.4	5.7	72.4	5.5	67.8	5.4	64.8	5.2	61.8	5.1	57.2	4.9
	51	47	78.4	5.4	72.4	5.2	67.8	5.0	64.8	4.9	61.8	4.8	57.2	4.6
	54	50	78.4	5.1	72.4	5.0	67.8	4.8	64.8	4.7	61.8	4.6	57.2	4.4
	57	53	78.4	4.9	72.4	4.7	67.8	4.6	64.8	4.5	61.8	4.4	57.2	4.2
	60	56	78.4	4.6	72.4	4.5	67.8	4.4	64.8	4.3	61.8	4.2	57.2	4.0
50	-12.6	-13	52.2	7.0	52.0	7.3	51.9	7.6	51.8	7.8	51.5	7.9	47.7	7.6
	-9	-9.4	59.8	7.6	59.6	8.0	56.5	7.9	54.0	7.8	51.5	7.6	47.7	7.3
	-3.64	-4	64.9	8.1	60.3	7.9	56.5	7.7	54.0	7.5	51.5	7.4	47.7	7.1
	-1.84	-2.2	65.3	8.0	60.3	7.8	56.5	7.6	54.0	7.4	51.5	7.3	47.7	7.0
	5.5	5	65.3	7.5	60.3	7.3	56.5	7.1	54.0	7.0	51.5	6.8	47.7	6.5
	9.5	8.5	65.3	7.3	60.3	7.1	56.5	6.9	54.0	6.7	51.5	6.6	47.7	6.3
	13	12	65.3	7.0	60.3	6.8	56.5	6.6	54.0	6.5	51.5	6.4	47.7	6.1
	15	14	65.3	6.9	60.3	6.7	56.5	6.5	54.0	6.4	51.5	6.2	47.7	6.0
	17	15.5	65.3	6.8	60.3	6.6	56.5	6.4	54.0	6.3	51.5	6.1	47.7	5.9
	19	18	65.3	6.6	60.3	6.4	56.5	6.3	54.0	6.1	51.5	6.0	47.7	5.7
	22	20	65.3	6.5	60.3	6.3	56.5	6.1	54.0	6.0	51.5	5.9	47.7	5.6
	26	24	65.3	6.2	60.3	6.0	56.5	5.9	54.0	5.7	51.5	5.6	47.7	5.4
	30	28	65.3	5.9	60.3	5.8	56.5	5.6	54.0	5.5	51.5	5.4	47.7	5.1
	35	32	65.3	5.6	60.3	5.5	56.5	5.3	54.0	5.2	51.5	5.1	47.7	4.9
	39	36	65.3	5.4	60.3	5.2	56.5	5.1	54.0	5.0	51.5	4.9	47.7	4.7
	44	40	65.3	5.1	60.3	4.9	56.5	4.8	54.0	4.7	51.5	4.6	47.7	4.4
	47	43	65.3	4.9	60.3	4.7	56.5	4.6	54.0	4.5	51.5	4.4	47.7	4.2
	51	47	65.3	4.6	60.3	4.5	56.5	4.3	54.0	4.3	51.5	4.2	47.7	4.0
	54	50	65.3	4.4	60.3	4.3	56.5	4.1	54.0	4.1	51.5	4.0	47.7	3.8
	57	53	65.3	4.2	60.3	4.1	56.5	4.0	54.0	3.9	51.5	3.8	47.7	3.6
	60	56	65.3	4.0	60.3	3.9	56.5	3.8	54.0	3.7	51.5	3.6	47.7	3.4

Tc: Total Capacity PI: Power Input

Table 138 - 38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	54.6	5.0	54.4	5.3	54.2	5.5	54.1	5.6	54.0	5.7	53.8	5.9
	-9	-9.4	62.5	5.5	62.2	5.8	62.1	6.0	61.9	6.1	61.8	6.3	61.6	6.5
	-3.64	-4	67.9	5.8	67.6	6.1	67.4	6.3	67.2	6.5	67.1	6.6	66.9	6.9
	-1.84	-2.2	70.6	6.0	70.3	6.3	70.1	6.5	69.9	6.7	69.8	6.8	69.6	7.0
	5.5	5	81.6	6.5	81.3	6.9	81.1	7.1	80.9	7.3	80.7	7.4	80.5	7.7
	9.5	8.5	87.1	6.8	86.8	7.1	86.5	7.4	86.3	7.6	86.2	7.7	85.9	8.0
	13	12	92.7	7.0	92.3	7.4	92.0	7.6	91.9	7.8	91.7	8.0	91.4	8.3
	15	14	95.9	7.1	95.5	7.5	95.2	7.8	95.1	7.9	94.9	8.1	94.6	8.4
	17	15.5	98.4	7.2	98.0	7.6	97.7	7.9	97.5	8.0	97.3	8.2	97.0	8.5
	19	18	102.4	7.3	102.0	7.7	101.7	8.0	101.5	8.2	101.3	8.4	101.0	8.7
150	22	20	105.7	7.4	105.3	7.8	105.0	8.1	104.8	8.3	104.6	8.5	104.2	8.8
	26	24	112.4	7.6	112.0	8.0	111.6	8.3	111.4	8.5	111.2	8.7	110.8	9.0
	30	28	119.2	7.8	118.7	8.2	118.3	8.5	118.1	8.7	117.9	8.9	113.3	8.8
	35	32	126.0	7.9	125.5	8.3	125.2	8.6	124.9	8.9	122.4	8.9	113.3	8.4
	39	36	133.0	8.0	132.5	8.4	132.1	8.8	128.3	8.7	122.4	8.4	113.3	8.0
	44	40	140.1	8.1	139.5	8.5	134.2	8.5	128.3	8.2	122.4	8.0	113.3	7.6
	47	43	145.5	8.1	143.3	8.4	134.2	8.1	128.3	7.9	122.4	7.7	113.3	7.3
	51	47	152.7	8.1	143.3	7.9	134.2	7.6	128.3	7.4	122.4	7.2	113.3	6.9
	54	50	155.1	7.9	143.3	7.6	134.2	7.3	128.3	7.1	122.4	6.9	113.3	6.6
	57	53	155.1	7.5	143.3	7.2	134.2	7.0	128.3	6.8	122.4	6.6	113.3	6.2
	60	56	155.1	7.1	143.3	6.9	134.2	6.6	128.3	6.4	122.4	6.2	113.3	5.9
	-12.6	-13	54.4	5.3	54.2	5.6	54.0	5.8	53.9	6.0	53.8	6.1	53.6	6.3
	-9	-9.4	62.3	5.9	62.0	6.2	61.8	6.4	61.7	6.5	61.6	6.7	61.4	6.9
	-3.64	-4	67.6	6.2	67.3	6.5	67.1	6.8	67.0	6.9	66.9	7.1	66.7	7.3
	-1.84	-2.2	70.3	6.3	70.0	6.7	69.8	6.9	69.7	7.1	69.5	7.3	69.3	7.5
	5.5	5	81.3	6.9	81.0	7.3	80.8	7.6	80.6	7.8	80.4	7.9	80.2	8.2
	9.5	8.5	86.8	7.2	86.5	7.6	86.2	7.9	86.0	8.0	85.9	8.2	85.6	8.5
	13	12	92.4	7.4	92.0	7.8	91.7	8.1	91.5	8.3	91.3	8.5	91.1	8.8
	15	14	95.6	7.6	95.2	8.0	94.9	8.3	94.7	8.5	94.5	8.7	94.2	9.0
	17	15.5	98.0	7.7	97.6	8.1	97.3	8.4	97.1	8.6	96.9	8.8	96.6	9.1
	19	18	102.1	7.8	101.7	8.2	101.3	8.5	101.1	8.7	100.9	8.9	100.6	9.2
140	22	20	105.4	7.9	104.9	8.3	104.6	8.7	104.4	8.9	104.2	9.1	103.9	9.4
	26	24	112.0	8.1	111.5	8.6	111.2	8.9	111.0	9.1	110.8	9.3	110.4	9.6
	30	28	118.7	8.3	118.3	8.7	117.9	9.1	117.7	9.3	117.4	9.5	112.9	9.4
	35	32	125.6	8.4	125.1	8.9	124.7	9.2	124.4	9.4	122.0	9.4	112.9	9.0
	39	36	132.5	8.5	132.0	9.0	131.6	9.3	127.8	9.2	122.0	9.0	112.9	8.5
	44	40	139.6	8.6	139.0	9.0	133.7	9.0	127.8	8.8	122.0	8.5	112.9	8.1
	47	43	144.9	8.6	142.8	9.0	133.7	8.6	127.8	8.4	122.0	8.2	112.9	7.8
	51	47	152.2	8.6	142.8	8.4	133.7	8.1	127.8	7.9	122.0	7.7	112.9	7.3
	54	50	154.6	8.4	142.8	8.1	133.7	7.8	127.8	7.6	122.0	7.3	112.9	7.0
	57	53	154.6	8.0	142.8	7.7	133.7	7.4	127.8	7.2	122.0	7.0	112.9	6.6
	60	56	154.6	7.6	142.8	7.3	133.7	7.0	127.8	6.8	122.0	6.6	112.9	6.3
	-12.6	-13	54.2	5.7	54.0	6.0	53.8	6.2	53.7	6.3	53.6	6.5	53.4	6.7
	-9	-9.4	62.0	6.2	61.8	6.5	61.6	6.8	61.5	6.9	61.4	7.1	61.2	7.4
	-3.64	-4	67.4	6.6	67.1	6.9	66.9	7.2	66.8	7.3	66.6	7.5	66.4	7.8
	-1.84	-2.2	70.1	6.7	69.8	7.1	69.6	7.3	69.4	7.5	69.3	7.7	69.1	8.0
	5.5	5	81.0	7.4	80.7	7.7	80.5	8.0	80.3	8.2	80.1	8.4	79.9	8.7
	9.5	8.5	86.5	7.6	86.2	8.0	85.9	8.3	85.7	8.5	85.5	8.7	85.3	9.0
	13	12	92.0	7.9	91.7	8.3	91.4	8.6	91.2	8.8	91.0	9.0	90.7	9.3
	15	14	95.2	8.0	94.9	8.5	94.6	8.8	94.4	9.0	94.2	9.2	93.9	9.5
	17	15.5	97.6	8.1	97.3	8.6	97.0	8.9	96.8	9.1	96.6	9.3	96.3	9.6
	19	18	101.7	8.3	101.3	8.7	101.0	9.1	100.8	9.3	100.6	9.5	100.3	9.8
130	22	20	105.0	8.4	104.6	8.8	104.2	9.2	104.0	9.4	103.8	9.6	103.5	9.9
	26	24	111.6	8.6	111.1	9.1	110.8	9.4	110.6	9.6	110.4	9.9	110.0	10.2
	30	28	118.3	8.8	117.8	9.3	117.5	9.6	117.2	9.8	117.0	10.1	112.5	10.0
	35	32	125.1	8.9	124.6	9.4	124.2	9.8	124.0	10.0	121.5	10.0	112.5	9.5
	39	36	132.1	9.1	131.5	9.5	131.1	9.9	127.4	9.8	121.5	9.5	112.5	9.0
	44	40	139.1	9.1	138.5	9.6	133.2	9.5	127.4	9.3	121.5	9.0	112.5	8.6
	47	43	144.4	9.1	142.3	9.5	133.2	9.2	127.4	8.9	121.5	8.7	112.5	8.2
	51	47	151.6	9.1	142.3	9.0	133.2	8.6	127.4	8.4	121.5	8.2	112.5	7.8
	54	50	154.0	8.9	142.3	8.5	133.2	8.2	127.4	8.0	121.5	7.8	112.5	7.4
	57	53	154.0	8.5	142.3	8.1	133.2	7.8	127.4	7.6	121.5	7.4	112.5	7.0
	60	56	154.0	8.0	142.3	7.7	133.2	7.5	127.4	7.3	121.5	7.0	112.5	6.7

Tc: Total Capacity PI: Power Input

Table 139 - 38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	54.0	6.0	53.8	6.3	53.6	6.5	53.5	6.7	53.4	6.8	53.2	7.1
	-9	-9.4	61.8	6.6	61.6	6.9	61.4	7.2	61.3	7.3	61.1	7.5	60.9	7.8
	-3.64	-4	67.1	6.9	66.9	7.3	66.7	7.6	66.5	7.7	66.4	7.9	66.2	8.2
	-1.84	-2.2	69.8	7.1	69.5	7.5	69.3	7.8	69.2	7.9	69.0	8.1	68.8	8.4
	5.5	5	80.8	7.8	80.4	8.2	80.2	8.5	80.0	8.7	79.9	8.9	79.6	9.2
	9.5	8.5	86.2	8.1	85.8	8.5	85.6	8.8	85.4	9.0	85.2	9.2	85.0	9.5
	13	12	91.7	8.3	91.3	8.8	91.0	9.1	90.9	9.3	90.7	9.5	90.4	9.9
	15	14	94.9	8.5	94.5	8.9	94.2	9.3	94.0	9.5	93.8	9.7	93.5	10.0
	17	15.5	97.3	8.6	96.9	9.0	96.6	9.4	96.4	9.6	96.2	9.8	95.9	10.2
	19	18	101.3	8.8	100.9	9.2	100.6	9.6	100.4	9.8	100.2	10.0	99.9	10.4
120	22	20	104.6	8.9	104.2	9.3	103.8	9.7	103.6	9.9	103.4	10.2	103.1	10.5
	26	24	111.2	9.1	110.7	9.6	110.4	9.9	110.2	10.2	110.0	10.4	109.6	10.8
	30	28	117.9	9.3	117.4	9.8	117.0	10.1	116.8	10.4	116.6	10.6	112.0	10.5
	35	32	124.7	9.4	124.2	9.9	123.8	10.3	123.5	10.6	121.1	10.6	112.0	10.0
	39	36	131.6	9.6	131.0	10.1	130.6	10.4	126.9	10.4	121.1	10.1	112.0	9.6
	44	40	138.6	9.6	138.0	10.1	132.8	10.1	126.9	9.8	121.1	9.5	112.0	9.1
	47	43	143.9	9.7	141.8	10.0	132.8	9.7	126.9	9.4	121.1	9.1	112.0	8.7
	51	47	151.1	9.6	141.8	9.5	132.8	9.1	126.9	8.9	121.1	8.6	112.0	8.2
	54	50	153.5	9.4	141.8	9.0	132.8	8.7	126.9	8.5	121.1	8.2	112.0	7.8
	57	53	153.5	8.9	141.8	8.6	132.8	8.3	126.9	8.1	121.1	7.8	112.0	7.4
	60	56	153.5	8.5	141.8	8.2	132.8	7.9	126.9	7.7	121.1	7.4	112.0	7.1
	-12.6	-13	53.8	6.3	53.6	6.6	53.4	6.9	53.3	7.0	53.2	7.2	53.1	7.5
	-9	-9.4	61.6	6.9	61.3	7.3	61.2	7.6	61.0	7.7	60.9	7.9	60.7	8.2
	-3.64	-4	66.9	7.3	66.6	7.7	66.4	8.0	66.3	8.2	66.1	8.4	65.9	8.6
	-1.84	-2.2	69.6	7.5	69.3	7.9	69.1	8.2	68.9	8.4	68.8	8.6	68.6	8.9
	5.5	5	80.5	8.2	80.1	8.6	79.9	8.9	79.7	9.2	79.6	9.4	79.3	9.7
	9.5	8.5	85.9	8.5	85.5	8.9	85.3	9.3	85.1	9.5	84.9	9.7	84.7	10.0
	13	12	91.4	8.8	91.0	9.2	90.7	9.6	90.5	9.8	90.4	10.0	90.1	10.4
	15	14	94.5	8.9	94.2	9.4	93.9	9.8	93.7	10.0	93.5	10.2	93.2	10.6
	17	15.5	96.9	9.0	96.5	9.5	96.2	9.9	96.1	10.1	95.9	10.3	95.6	10.7
	19	18	101.0	9.2	100.6	9.7	100.2	10.1	100.0	10.3	99.8	10.5	99.5	10.9
110	22	20	104.2	9.4	103.8	9.8	103.5	10.2	103.3	10.5	103.1	10.7	102.7	11.1
	26	24	110.8	9.6	110.3	10.1	110.0	10.5	109.8	10.7	109.5	11.0	109.2	11.3
	30	28	117.4	9.8	117.0	10.3	116.6	10.7	116.4	10.9	116.1	11.2	111.6	11.1
	35	32	124.2	9.9	123.7	10.5	123.3	10.9	123.1	11.1	120.6	11.1	111.6	10.6
	39	36	131.1	10.1	130.6	10.6	130.2	11.0	126.4	10.9	120.6	10.6	111.6	10.1
	44	40	138.1	10.1	137.5	10.7	132.3	10.6	126.4	10.3	120.6	10.0	111.6	9.5
	47	43	143.4	10.2	141.3	10.6	132.3	10.2	126.4	9.9	120.6	9.6	111.6	9.1
	51	47	150.5	10.2	141.3	10.0	132.3	9.6	126.4	9.3	120.6	9.1	111.6	8.6
	54	50	152.9	9.9	141.3	9.5	132.3	9.2	126.4	8.9	120.6	8.7	111.6	8.2
	57	53	152.9	9.4	141.3	9.1	132.3	8.7	126.4	8.5	120.6	8.3	111.6	7.8
	60	56	152.9	8.9	141.3	8.6	132.3	8.3	126.4	8.1	120.6	7.8	111.6	7.5
	-12.6	-13	53.6	6.6	53.4	7.0	53.2	7.2	53.1	7.4	53.0	7.6	52.9	7.8
	-9	-9.4	61.4	7.3	61.1	7.6	60.9	7.9	60.8	8.1	60.7	8.3	60.5	8.6
	-3.64	-4	66.6	7.7	66.4	8.1	66.2	8.4	66.0	8.6	65.9	8.8	65.7	9.1
	-1.84	-2.2	69.3	7.9	69.0	8.3	68.8	8.6	68.7	8.8	68.5	9.0	68.3	9.3
	5.5	5	80.2	8.6	79.8	9.0	79.6	9.4	79.4	9.6	79.3	9.8	79.0	10.2
	9.5	8.5	85.6	8.9	85.2	9.4	84.9	9.7	84.8	10.0	84.6	10.2	84.3	10.6
	13	12	91.0	9.2	90.7	9.7	90.4	10.1	90.2	10.3	90.0	10.5	89.7	10.9
	15	14	94.2	9.4	93.8	9.9	93.5	10.2	93.3	10.5	93.1	10.7	92.9	11.1
	17	15.5	96.6	9.5	96.2	10.0	95.9	10.4	95.7	10.6	95.5	10.9	95.2	11.2
	19	18	100.6	9.7	100.2	10.2	99.9	10.6	99.7	10.8	99.5	11.1	99.2	11.5
100	22	20	103.8	9.8	103.4	10.3	103.1	10.7	102.9	11.0	102.7	11.2	102.4	11.6
	26	24	110.4	10.1	109.9	10.6	109.6	11.0	109.4	11.3	109.1	11.5	108.8	11.9
	30	28	117.0	10.3	116.5	10.8	116.2	11.2	116.0	11.5	115.7	11.7	111.2	11.7
	35	32	123.8	10.4	123.3	11.0	122.9	11.4	122.6	11.7	120.2	11.7	111.2	11.1
	39	36	130.6	10.6	130.1	11.1	129.7	11.5	126.0	11.4	120.2	11.1	111.2	10.6
	44	40	137.6	10.6	137.0	11.2	131.8	11.1	126.0	10.9	120.2	10.5	111.2	10.0
	47	43	142.8	10.7	140.8	11.1	131.8	10.7	126.0	10.4	120.2	10.1	111.2	9.6
	51	47	149.9	10.7	140.8	10.5	131.8	10.1	126.0	9.8	120.2	9.5	111.2	9.1
	54	50	152.4	10.4	140.8	10.0	131.8	9.6	126.0	9.4	120.2	9.1	111.2	8.6
	57	53	152.4	9.9	140.8	9.5	131.8	9.2	126.0	8.9	120.2	8.7	111.2	8.2
	60	56	152.4	9.4	140.8	9.0	131.8	8.7	126.0	8.5	120.2	8.2	111.2	7.8

Tc: Total Capacity PI: Power Input

Table 140 - 38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	53.4	6.9	53.2	7.3	53.0	7.6	52.9	7.8	52.8	7.9	52.7	8.2
	-9	-9.4	61.1	7.6	60.9	8.0	60.7	8.3	60.6	8.5	60.5	8.7	60.3	9.0
	-3.64	-4	66.4	8.0	66.1	8.5	65.9	8.8	65.8	9.0	65.7	9.2	65.5	9.5
	-1.84	-2.2	69.0	8.2	68.8	8.7	68.6	9.0	68.4	9.2	68.3	9.4	68.1	9.7
	5.5	5	79.9	9.0	79.5	9.5	79.3	9.8	79.1	10.1	79.0	10.3	78.7	10.6
	9.5	8.5	85.2	9.3	84.9	9.8	84.6	10.2	84.5	10.4	84.3	10.7	84.0	11.1
	13	12	90.7	9.7	90.3	10.2	90.0	10.5	89.9	10.8	89.7	11.0	89.4	11.4
	15	14	93.8	9.8	93.5	10.3	93.2	10.7	93.0	11.0	92.8	11.2	92.5	11.6
	17	15.5	96.2	9.9	95.8	10.5	95.5	10.9	95.3	11.1	95.2	11.4	94.9	11.8
	19	18	100.2	10.1	99.8	10.7	99.5	11.1	99.3	11.3	99.1	11.6	98.8	12.0
90	22	20	103.4	10.3	103.0	10.8	102.7	11.2	102.5	11.5	102.3	11.8	100.1	11.9
	26	24	110.0	10.5	109.5	11.1	109.2	11.5	109.0	11.8	108.2	12.0	100.1	11.4
	30	28	116.6	10.8	116.1	11.3	115.8	11.7	113.4	11.8	108.2	11.4	100.1	10.9
	35	32	123.3	10.9	122.8	11.5	118.6	11.5	113.4	11.2	108.2	10.9	100.1	10.4
	39	36	130.1	11.1	126.7	11.3	118.6	10.9	113.4	10.7	108.2	10.4	100.1	9.9
	44	40	137.0	11.1	126.7	10.7	118.6	10.4	113.4	10.1	108.2	9.8	100.1	9.4
	47	43	137.1	10.7	126.7	10.3	118.6	10.0	113.4	9.7	108.2	9.4	100.1	9.0
	51	47	137.1	10.1	126.7	9.7	118.6	9.4	113.4	9.1	108.2	8.9	100.1	8.5
	54	50	137.1	9.6	126.7	9.3	118.6	9.0	113.4	8.7	108.2	8.5	100.1	8.1
	57	53	137.1	9.2	126.7	8.8	118.6	8.5	113.4	8.3	108.2	8.1	100.1	7.7
	60	56	137.1	8.7	126.7	8.4	118.6	8.1	113.4	7.9	108.2	7.7	100.1	7.3
	-12.6	-13	53.2	7.2	53.0	7.6	52.8	7.9	52.7	8.1	52.6	8.3	52.5	8.6
	-9	-9.4	60.9	7.9	60.7	8.4	60.5	8.7	60.4	8.9	60.2	9.1	60.1	9.4
	-3.64	-4	66.1	8.4	65.9	8.8	65.7	9.2	65.5	9.4	65.4	9.6	65.2	9.9
	-1.84	-2.2	68.8	8.6	68.5	9.1	68.3	9.4	68.2	9.6	68.0	9.8	67.8	10.2
	5.5	5	79.6	9.4	79.3	9.9	79.0	10.3	78.8	10.5	78.7	10.8	78.4	11.1
	9.5	8.5	84.9	9.8	84.6	10.3	84.3	10.7	84.2	10.9	84.0	11.2	83.7	11.5
	13	12	90.4	10.1	90.0	10.6	89.7	11.0	89.5	11.3	89.4	11.5	89.0	11.9
	15	14	93.5	10.3	93.1	10.8	92.8	11.2	92.6	11.5	92.5	11.7	89.0	11.7
	17	15.5	95.9	10.4	95.5	10.9	95.2	11.4	95.0	11.6	94.8	11.9	89.0	11.5
	19	18	99.8	10.6	99.4	11.1	99.1	11.6	98.9	11.8	96.2	11.8	89.0	11.2
80	22	20	103.1	10.7	102.6	11.3	102.3	11.7	100.8	11.8	96.2	11.5	89.0	11.0
	26	24	109.6	11.0	109.1	11.6	105.4	11.6	100.8	11.3	96.2	11.0	89.0	10.5
	30	28	116.2	11.2	112.6	11.5	105.4	11.1	100.8	10.8	96.2	10.5	89.0	10.0
	35	32	121.9	11.3	112.6	10.9	105.4	10.6	100.8	10.3	96.2	10.0	89.0	9.6
	39	36	121.9	10.8	112.6	10.4	105.4	10.0	100.8	9.8	96.2	9.5	89.0	9.1
	44	40	121.9	10.2	112.6	9.9	105.4	9.5	100.8	9.3	96.2	9.0	89.0	8.6
	47	43	121.9	9.8	112.6	9.4	105.4	9.1	100.8	8.9	96.2	8.7	89.0	8.3
	51	47	121.9	9.2	112.6	8.9	105.4	8.6	100.8	8.4	96.2	8.2	89.0	7.8
	54	50	121.9	8.8	112.6	8.5	105.4	8.2	100.8	8.0	96.2	7.8	89.0	7.4
	57	53	121.9	8.4	112.6	8.1	105.4	7.8	100.8	7.6	96.2	7.4	89.0	7.1
	60	56	121.9	8.0	112.6	7.7	105.4	7.4	100.8	7.3	96.2	7.1	89.0	6.7
	-12.6	-13	53.0	7.6	52.8	8.0	52.6	8.3	52.5	8.5	52.4	8.6	52.3	8.9
	-9	-9.4	60.7	8.3	60.4	8.7	60.3	9.1	60.1	9.3	60.0	9.5	59.8	9.8
	-3.64	-4	65.9	8.7	65.6	9.2	65.4	9.6	65.3	9.8	65.2	10.0	65.0	10.4
	-1.84	-2.2	68.5	9.0	68.3	9.4	68.0	9.8	67.9	10.0	67.8	10.3	67.6	10.6
	5.5	5	79.3	9.8	79.0	10.3	78.7	10.7	78.6	11.0	78.4	11.2	77.9	11.6
	9.5	8.5	84.6	10.2	84.3	10.7	84.0	11.1	83.8	11.4	83.7	11.6	77.9	11.2
	13	12	90.0	10.5	89.7	11.1	89.4	11.5	88.2	11.6	84.1	11.3	77.9	10.8
	15	14	93.1	10.7	92.8	11.3	92.3	11.7	88.2	11.4	84.1	11.1	77.9	10.6
	17	15.5	95.5	10.8	95.1	11.4	92.3	11.5	88.2	11.2	84.1	10.9	77.9	10.4
	19	18	99.5	11.0	98.5	11.5	92.3	11.2	88.2	10.9	84.1	10.6	77.9	10.2
70	22	20	102.7	11.2	98.5	11.3	92.3	11.0	88.2	10.7	84.1	10.4	77.9	10.0
	26	24	106.7	11.2	98.5	10.8	92.3	10.5	88.2	10.2	84.1	10.0	77.9	9.5
	30	28	106.7	10.7	98.5	10.3	92.3	10.0	88.2	9.8	84.1	9.5	77.9	9.1
	35	32	106.7	10.2	98.5	9.8	92.3	9.5	88.2	9.3	84.1	9.1	77.9	8.7
	39	36	106.7	9.7	98.5	9.4	92.3	9.1	88.2	8.9	84.1	8.6	77.9	8.2
	44	40	106.7	9.2	98.5	8.9	92.3	8.6	88.2	8.4	84.1	8.2	77.9	7.8
	47	43	106.7	8.8	98.5	8.5	92.3	8.2	88.2	8.1	84.1	7.8	77.9	7.5
	51	47	106.7	8.3	98.5	8.0	92.3	7.8	88.2	7.6	84.1	7.4	77.9	7.1
	54	50	106.7	7.9	98.5	7.7	92.3	7.4	88.2	7.3	84.1	7.1	77.9	6.7
	57	53	106.7	7.5	98.5	7.3	92.3	7.1	88.2	6.9	84.1	6.7	77.9	6.4
	60	56	106.7	7.2	98.5	6.9	92.3	6.7	88.2	6.6	84.1	6.4	77.9	6.1

Tc: Total Capacity PI: Power Input

Table 141 - 38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	52.8	7.9	52.6	8.3	52.5	8.6	52.3	8.8	52.2	9.0	52.1	9.3
	-9	-9.4	60.5	8.6	60.2	9.1	60.0	9.4	59.9	9.6	59.8	9.9	59.6	10.2
	-3.64	-4	65.7	9.1	65.4	9.6	65.2	9.9	65.1	10.2	64.9	10.4	64.7	10.8
	-1.84	-2.2	68.3	9.3	68.0	9.8	67.8	10.2	67.7	10.4	67.5	10.7	66.7	11.0
	5.5	5	79.0	10.2	78.7	10.7	78.4	11.1	75.6	11.0	72.1	10.7	66.7	10.3
	9.5	8.5	84.3	10.6	84.0	11.1	79.1	10.9	75.6	10.6	72.1	10.4	66.7	9.9
	13	12	89.7	10.9	84.5	10.8	79.1	10.5	75.6	10.3	72.1	10.0	66.7	9.6
	15	14	91.4	11.0	84.5	10.6	79.1	10.3	75.6	10.1	72.1	9.8	66.7	9.4
	17	15.5	91.4	10.8	84.5	10.5	79.1	10.2	75.6	9.9	72.1	9.7	66.7	9.3
	19	18	91.4	10.5	84.5	10.2	79.1	9.9	75.6	9.7	72.1	9.4	66.7	9.0
	22	20	91.4	10.3	84.5	10.0	79.1	9.7	75.6	9.5	72.1	9.2	66.7	8.8
	26	24	91.4	9.8	84.5	9.5	79.1	9.3	75.6	9.1	72.1	8.8	66.7	8.5
	30	28	91.4	9.4	84.5	9.1	79.1	8.9	75.6	8.7	72.1	8.4	66.7	8.1
	35	32	91.4	9.0	84.5	8.7	79.1	8.4	75.6	8.3	72.1	8.0	66.7	7.7
	39	36	91.4	8.5	84.5	8.3	79.1	8.0	75.6	7.8	72.1	7.7	66.7	7.3
	44	40	91.4	8.1	84.5	7.8	79.1	7.6	75.6	7.4	72.1	7.3	66.7	6.9
	47	43	91.4	7.7	84.5	7.5	79.1	7.3	75.6	7.1	72.1	7.0	66.7	6.7
	51	47	91.4	7.3	84.5	7.1	79.1	6.9	75.6	6.7	72.1	6.6	66.7	6.3
	54	50	91.4	7.0	84.5	6.8	79.1	6.6	75.6	6.4	72.1	6.3	66.7	6.0
	57	53	91.4	6.6	84.5	6.4	79.1	6.3	75.6	6.1	72.1	6.0	66.7	5.7
	60	56	91.4	6.3	84.5	6.1	79.1	5.9	75.6	5.8	72.1	5.7	66.7	5.4
50	-12.6	-13	52.6	8.2	52.4	8.6	52.3	8.9	52.1	9.1	52.0	9.3	51.9	9.7
	-9	-9.4	60.2	9.0	60.0	9.4	59.8	9.8	59.7	10.0	59.6	10.2	55.6	9.9
	-3.64	-4	65.4	9.5	65.1	9.9	64.9	10.3	63.0	10.3	60.1	10.0	55.6	9.6
	-1.84	-2.2	68.0	9.7	67.8	10.2	65.9	10.3	63.0	10.1	60.1	9.9	55.6	9.5
	5.5	5	76.2	10.2	70.4	10.0	65.9	9.7	63.0	9.5	60.1	9.3	55.6	8.9
	9.5	8.5	76.2	9.9	70.4	9.6	65.9	9.4	63.0	9.2	60.1	9.0	55.6	8.6
	13	12	76.2	9.6	70.4	9.3	65.9	9.1	63.0	8.9	60.1	8.7	55.6	8.3
	15	14	76.2	9.4	70.4	9.1	65.9	8.9	63.0	8.7	60.1	8.5	55.6	8.1
	17	15.5	76.2	9.2	70.4	9.0	65.9	8.7	63.0	8.6	60.1	8.4	55.6	8.0
	19	18	76.2	9.0	70.4	8.8	65.9	8.5	63.0	8.3	60.1	8.1	55.6	7.8
	22	20	76.2	8.8	70.4	8.6	65.9	8.3	63.0	8.2	60.1	8.0	55.6	7.7
	26	24	76.2	8.4	70.4	8.2	65.9	8.0	63.0	7.8	60.1	7.6	55.6	7.3
	30	28	76.2	8.1	70.4	7.8	65.9	7.6	63.0	7.5	60.1	7.3	55.6	7.0
	35	32	76.2	7.7	70.4	7.5	65.9	7.3	63.0	7.1	60.1	7.0	55.6	6.7
	39	36	76.2	7.3	70.4	7.1	65.9	6.9	63.0	6.8	60.1	6.6	55.6	6.3
	44	40	76.2	6.9	70.4	6.7	65.9	6.5	63.0	6.4	60.1	6.3	55.6	6.0
	47	43	76.2	6.6	70.4	6.5	65.9	6.3	63.0	6.2	60.1	6.0	55.6	5.8
	51	47	76.2	6.3	70.4	6.1	65.9	5.9	63.0	5.8	60.1	5.7	55.6	5.4
	54	50	76.2	6.0	70.4	5.8	65.9	5.7	63.0	5.5	60.1	5.4	55.6	5.2
	57	53	76.2	5.7	70.4	5.5	65.9	5.4	63.0	5.3	60.1	5.2	55.6	4.9
	60	56	76.2	5.4	70.4	5.3	65.9	5.1	63.0	5.0	60.1	4.9	55.6	4.7

Tc: Total Capacity PI: Power Input

Table 142 - 38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	109.6	9.4	109.1	9.8	108.8	10.1	108.5	10.3	108.3	10.6	107.9	10.9
	-9	-9.4	123.0	10.2	122.5	10.6	122.1	11.0	121.8	11.2	121.6	11.4	121.2	11.8
	-3.64	-4	132.2	10.7	131.6	11.2	131.2	11.5	130.9	11.8	130.6	12.0	130.2	12.4
	-1.84	-2.2	136.9	10.9	136.3	11.4	135.8	11.8	135.5	12.0	135.2	12.3	134.8	12.7
	5.5	5	156.0	11.9	155.3	12.4	154.8	12.8	154.5	13.1	154.1	13.4	144.3	12.8
	9.5	8.5	165.5	12.3	164.8	12.9	164.3	13.3	163.5	13.5	155.9	13.1	144.3	12.3
	13	12	175.3	12.7	174.5	13.3	171.0	13.5	163.5	13.0	155.9	12.6	144.3	11.9
	15	14	180.9	12.9	180.1	13.5	171.0	13.2	163.5	12.8	155.9	12.3	144.3	11.7
	17	15.5	185.2	13.1	182.6	13.5	171.0	13.0	163.5	12.6	155.9	12.1	144.3	11.5
	19	18	192.4	13.4	182.6	13.2	171.0	12.6	163.5	12.2	155.9	11.8	144.3	11.1
150	22	20	197.7	13.5	182.6	12.9	171.0	12.3	163.5	11.9	155.9	11.5	144.3	10.9
	26	24	197.7	12.9	182.6	12.3	171.0	11.7	163.5	11.4	155.9	11.0	144.3	10.4
	30	28	197.7	12.3	182.6	11.7	171.0	11.2	163.5	10.8	155.9	10.5	144.3	9.9
	35	32	197.7	11.6	182.6	11.1	171.0	10.6	163.5	10.3	155.9	9.9	144.3	9.4
	39	36	197.7	11.0	182.6	10.5	171.0	10.0	163.5	9.7	155.9	9.4	144.3	8.9
	44	40	197.7	10.4	182.6	9.9	171.0	9.4	163.5	9.2	155.9	8.8	144.3	8.4
	47	43	197.7	9.9	182.6	9.4	171.0	9.0	163.5	8.7	155.9	8.4	144.3	8.0
	51	47	197.7	9.3	182.6	8.8	171.0	8.4	163.5	8.2	155.9	7.9	144.3	7.5
	54	50	197.7	8.8	182.6	8.4	171.0	8.0	163.5	7.8	155.9	7.5	144.3	7.1
	57	53	197.7	8.3	182.6	7.9	171.0	7.6	163.5	7.3	155.9	7.1	144.3	6.7
	60	56	197.7	7.8	182.6	7.5	171.0	7.1	163.5	6.9	155.9	6.7	144.3	6.3
	-12.6	-13	109.1	9.9	108.7	10.4	108.3	10.7	108.1	10.9	107.8	11.2	107.5	11.5
	-9	-9.4	122.5	10.7	122.0	11.2	121.6	11.6	121.3	11.9	121.1	12.1	120.7	12.5
	-3.64	-4	131.7	11.3	131.1	11.8	130.7	12.2	130.4	12.5	130.1	12.7	129.7	13.1
	-1.84	-2.2	136.3	11.6	135.7	12.1	135.3	12.5	135.0	12.7	134.7	13.0	134.2	13.4
	5.5	5	155.3	12.6	154.7	13.1	154.2	13.6	153.8	13.9	153.5	14.1	143.7	13.5
	9.5	8.5	164.8	13.0	164.1	13.6	163.6	14.1	162.8	14.3	155.3	13.8	143.7	13.1
	13	12	174.5	13.5	173.8	14.1	170.3	14.2	162.8	13.8	155.3	13.3	143.7	12.6
	15	14	180.2	13.7	179.4	14.3	170.3	13.9	162.8	13.5	155.3	13.1	143.7	12.3
	17	15.5	184.4	13.9	181.9	14.3	170.3	13.7	162.8	13.3	155.3	12.8	143.7	12.1
	19	18	191.6	14.1	181.9	13.9	170.3	13.3	162.8	12.9	155.3	12.5	143.7	11.8
140	22	20	196.8	14.3	181.9	13.6	170.3	13.0	162.8	12.6	155.3	12.2	143.7	11.5
	26	24	196.8	13.6	181.9	13.0	170.3	12.4	162.8	12.0	155.3	11.6	143.7	11.0
	30	28	196.8	13.0	181.9	12.3	170.3	11.8	162.8	11.4	155.3	11.1	143.7	10.4
	35	32	196.8	12.3	181.9	11.7	170.3	11.2	162.8	10.9	155.3	10.5	143.7	9.9
	39	36	196.8	11.6	181.9	11.1	170.3	10.6	162.8	10.3	155.3	9.9	143.7	9.4
	44	40	196.8	11.0	181.9	10.4	170.3	10.0	162.8	9.7	155.3	9.4	143.7	8.8
	47	43	196.8	10.5	181.9	10.0	170.3	9.5	162.8	9.2	155.3	8.9	143.7	8.4
	51	47	196.8	9.8	181.9	9.3	170.3	8.9	162.8	8.7	155.3	8.4	143.7	7.9
	54	50	196.8	9.3	181.9	8.9	170.3	8.5	162.8	8.2	155.3	7.9	143.7	7.5
	57	53	196.8	8.8	181.9	8.4	170.3	8.0	162.8	7.8	155.3	7.5	143.7	7.1
	60	56	196.8	8.3	181.9	7.9	170.3	7.6	162.8	7.3	155.3	7.1	143.7	6.7
	-12.6	-13	108.7	10.5	108.2	10.9	107.9	11.3	107.6	11.5	107.4	11.8	107.0	12.1
	-9	-9.4	122.0	11.3	121.5	11.9	121.1	12.3	120.8	12.5	120.6	12.8	120.2	13.2
	-3.64	-4	131.1	11.9	130.5	12.4	130.1	12.9	129.8	13.1	129.6	13.4	129.1	13.8
	-1.84	-2.2	135.7	12.2	135.2	12.7	134.7	13.2	134.4	13.4	134.1	13.7	133.7	14.1
	5.5	5	154.7	13.2	154.0	13.9	153.5	14.3	153.2	14.6	152.9	14.9	143.1	14.3
	9.5	8.5	164.2	13.7	163.5	14.4	162.9	14.8	162.1	15.1	154.7	14.6	143.1	13.8
	13	12	173.8	14.2	173.1	14.8	169.6	15.0	162.1	14.5	154.7	14.1	143.1	13.3
	15	14	179.4	14.4	178.7	15.1	169.6	14.7	162.1	14.2	154.7	13.8	143.1	13.0
	17	15.5	183.7	14.6	181.1	15.1	169.6	14.5	162.1	14.0	154.7	13.5	143.1	12.8
	19	18	190.8	14.9	181.1	14.7	169.6	14.1	162.1	13.6	154.7	13.2	143.1	12.4
130	22	20	196.0	15.1	181.1	14.3	169.6	13.7	162.1	13.3	154.7	12.9	143.1	12.2
	26	24	196.0	14.4	181.1	13.7	169.6	13.1	162.1	12.7	154.7	12.3	143.1	11.6
	30	28	196.0	13.7	181.1	13.0	169.6	12.5	162.1	12.1	154.7	11.7	143.1	11.0
	35	32	196.0	13.0	181.1	12.3	169.6	11.8	162.1	11.4	154.7	11.1	143.1	10.5
	39	36	196.0	12.3	181.1	11.7	169.6	11.2	162.1	10.8	154.7	10.5	143.1	9.9
	44	40	196.0	11.6	181.1	11.0	169.6	10.5	162.1	10.2	154.7	9.9	143.1	9.3
	47	43	196.0	11.0	181.1	10.5	169.6	10.1	162.1	9.7	154.7	9.4	143.1	8.9
	51	47	196.0	10.3	181.1	9.8	169.6	9.4	162.1	9.1	154.7	8.8	143.1	8.3
	54	50	196.0	9.8	181.1	9.3	169.6	8.9	162.1	8.7	154.7	8.4	143.1	7.9
	57	53	196.0	9.3	181.1	8.8	169.6	8.5	162.1	8.2	154.7	7.9	143.1	7.5
	60	56	196.0	8.8	181.1	8.3	169.6	8.0	162.1	7.7	154.7	7.5	143.1	7.1

Tc: Total Capacity PI: Power Input

Table 143 - 38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	108.2	11.0	107.8	11.5	107.4	11.9	107.2	12.1	107.0	12.4	106.6	12.8
	-9	-9.4	121.5	11.9	121.0	12.5	120.6	12.9	120.3	13.2	120.1	13.4	119.7	13.8
	-3.64	-4	130.6	12.5	130.0	13.1	129.6	13.5	129.3	13.8	129.0	14.1	128.6	14.5
	-1.84	-2.2	135.2	12.8	134.6	13.4	134.1	13.8	133.9	14.1	133.6	14.4	133.1	14.9
	5.5	5	154.0	13.9	153.4	14.6	152.9	15.0	152.6	15.4	152.2	15.7	142.5	15.0
	9.5	8.5	163.5	14.4	162.8	15.1	162.2	15.6	161.4	15.9	154.0	15.3	142.5	14.5
	13	12	173.1	14.9	172.4	15.6	168.9	15.8	161.4	15.3	154.0	14.8	142.5	14.0
	15	14	178.7	15.2	177.9	15.9	168.9	15.4	161.4	15.0	154.0	14.5	142.5	13.7
	17	15.5	182.9	15.4	180.4	15.9	168.9	15.2	161.4	14.7	154.0	14.2	142.5	13.4
	19	18	190.0	15.7	180.4	15.4	168.9	14.8	161.4	14.3	154.0	13.8	142.5	13.1
120	22	20	195.2	15.8	180.4	15.1	168.9	14.4	161.4	14.0	154.0	13.5	142.5	12.8
	26	24	195.2	15.1	180.4	14.4	168.9	13.8	161.4	13.3	154.0	12.9	142.5	12.2
	30	28	195.2	14.4	180.4	13.7	168.9	13.1	161.4	12.7	154.0	12.3	142.5	11.6
	35	32	195.2	13.6	180.4	13.0	168.9	12.4	161.4	12.0	154.0	11.6	142.5	11.0
	39	36	195.2	12.9	180.4	12.3	168.9	11.7	161.4	11.4	154.0	11.0	142.5	10.4
	44	40	195.2	12.1	180.4	11.6	168.9	11.1	161.4	10.7	154.0	10.4	142.5	9.8
	47	43	195.2	11.6	180.4	11.0	168.9	10.6	161.4	10.2	154.0	9.9	142.5	9.4
	51	47	195.2	10.9	180.4	10.3	168.9	9.9	161.4	9.6	154.0	9.3	142.5	8.8
	54	50	195.2	10.3	180.4	9.8	168.9	9.4	161.4	9.1	154.0	8.8	142.5	8.3
	57	53	195.2	9.7	180.4	9.3	168.9	8.9	161.4	8.6	154.0	8.3	142.5	7.9
	60	56	195.2	9.2	180.4	8.8	168.9	8.4	161.4	8.1	154.0	7.9	142.5	7.4
	-12.6	-13	107.8	11.5	107.3	12.1	107.0	12.5	106.7	12.7	106.5	13.0	106.2	13.4
	-9	-9.4	121.0	12.5	120.5	13.1	120.1	13.5	119.8	13.8	119.6	14.1	119.2	14.5
	-3.64	-4	130.0	13.1	129.5	13.7	129.0	14.2	128.8	14.5	128.5	14.8	128.1	15.2
	-1.84	-2.2	134.6	13.4	134.0	14.0	133.6	14.5	133.3	14.8	133.0	15.1	132.6	15.6
	5.5	5	153.4	14.6	152.7	15.3	152.2	15.8	151.9	16.1	151.6	16.4	141.9	15.7
	9.5	8.5	162.8	15.1	162.1	15.8	161.6	16.3	160.8	16.6	153.4	16.1	141.9	15.2
	13	12	172.4	15.6	171.6	16.3	168.2	16.5	160.8	16.0	153.4	15.5	141.9	14.6
	15	14	177.9	15.9	177.2	16.6	168.2	16.2	160.8	15.7	153.4	15.2	141.9	14.3
	17	15.5	182.1	16.1	179.6	16.6	168.2	15.9	160.8	15.4	153.4	14.9	141.9	14.1
	19	18	189.2	16.4	179.6	16.2	168.2	15.5	160.8	15.0	153.4	14.5	141.9	13.7
110	22	20	194.4	16.6	179.6	15.8	168.2	15.1	160.8	14.7	153.4	14.2	141.9	13.4
	26	24	194.4	15.8	179.6	15.1	168.2	14.4	160.8	14.0	153.4	13.5	141.9	12.8
	30	28	194.4	15.0	179.6	14.3	168.2	13.7	160.8	13.3	153.4	12.9	141.9	12.1
	35	32	194.4	14.3	179.6	13.6	168.2	13.0	160.8	12.6	153.4	12.2	141.9	11.5
	39	36	194.4	13.5	179.6	12.9	168.2	12.3	160.8	11.9	153.4	11.5	141.9	10.9
	44	40	194.4	12.7	179.6	12.1	168.2	11.6	160.8	11.2	153.4	10.9	141.9	10.3
	47	43	194.4	12.1	179.6	11.6	168.2	11.1	160.8	10.7	153.4	10.4	141.9	9.8
	51	47	194.4	11.4	179.6	10.8	168.2	10.4	160.8	10.0	153.4	9.7	141.9	9.2
	54	50	194.4	10.8	179.6	10.3	168.2	9.8	160.8	9.5	153.4	9.2	141.9	8.7
	57	53	194.4	10.2	179.6	9.7	168.2	9.3	160.8	9.0	153.4	8.7	141.9	8.2
	60	56	194.4	9.6	179.6	9.2	168.2	8.8	160.8	8.5	153.4	8.2	141.9	7.8
	-12.6	-13	107.3	12.1	106.9	12.6	106.5	13.0	106.3	13.3	106.1	13.6	105.7	14.0
	-9	-9.4	120.5	13.1	120.0	13.7	119.6	14.1	119.3	14.4	119.1	14.7	118.7	15.2
	-3.64	-4	129.5	13.7	128.9	14.3	128.5	14.8	128.2	15.1	127.9	15.4	127.5	15.9
	-1.84	-2.2	134.0	14.0	133.5	14.7	133.0	15.2	132.7	15.5	132.5	15.8	132.0	16.3
	5.5	5	152.8	15.3	152.1	15.9	151.6	16.5	151.3	16.8	150.9	17.2	141.3	16.4
	9.5	8.5	162.1	15.8	161.4	16.5	160.9	17.1	160.0	17.4	152.6	16.8	141.3	15.9
	13	12	171.6	16.3	170.9	17.1	167.4	17.3	160.0	16.7	152.6	16.2	141.3	15.3
	15	14	177.2	16.6	176.4	17.4	167.4	16.9	160.0	16.4	152.6	15.8	141.3	15.0
	17	15.5	181.4	16.8	178.7	17.4	167.4	16.6	160.0	16.1	152.6	15.6	141.3	14.7
	19	18	188.4	17.1	178.7	16.9	167.4	16.2	160.0	15.7	152.6	15.2	141.3	14.3
100	22	20	193.5	17.3	178.7	16.5	167.4	15.8	160.0	15.3	152.6	14.8	141.3	14.0
	26	24	193.5	16.5	178.7	15.7	167.4	15.1	160.0	14.6	152.6	14.1	141.3	13.3
	30	28	193.5	15.7	178.7	15.0	167.4	14.3	160.0	13.9	152.6	13.4	141.3	12.7
	35	32	193.5	14.9	178.7	14.2	167.4	13.6	160.0	13.2	152.6	12.7	141.3	12.0
	39	36	193.5	14.1	178.7	13.4	167.4	12.9	160.0	12.5	152.6	12.0	141.3	11.4
	44	40	193.5	13.3	178.7	12.7	167.4	12.1	160.0	11.7	152.6	11.4	141.3	10.7
	47	43	193.5	12.7	178.7	12.1	167.4	11.6	160.0	11.2	152.6	10.8	141.3	10.2
	51	47	193.5	11.9	178.7	11.3	167.4	10.8	160.0	10.5	152.6	10.1	141.3	9.6
	54	50	193.5	11.3	178.7	10.7	167.4	10.3	160.0	10.0	152.6	9.6	141.3	9.1
	57	53	193.5	10.7	178.7	10.2	167.4	9.7	160.0	9.4	152.6	9.1	141.3	8.6
	60	56	193.5	10.1	178.7	9.6	167.4	9.2	160.0	8.9	152.6	8.6	141.3	8.1

Tc: Total Capacity PI: Power Input

Table 144 - 38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	106.9	12.6	106.4	13.2	106.1	13.6	105.8	13.9	105.6	14.2	105.3	14.6
	-9	-9.4	120.0	13.6	119.5	14.3	119.1	14.7	118.8	15.0	118.5	15.4	118.2	15.8
	-3.64	-4	128.9	14.3	128.4	15.0	127.9	15.5	127.7	15.8	127.4	16.1	127.0	16.6
	-1.84	-2.2	133.5	14.6	132.9	15.3	132.5	15.8	132.2	16.2	131.9	16.5	127.1	16.4
	5.5	5	152.1	15.9	151.5	16.6	150.6	17.1	144.0	16.6	137.4	16.1	127.1	15.3
	9.5	8.5	161.4	16.5	160.7	17.2	150.6	16.5	144.0	16.1	137.4	15.6	127.1	14.7
	13	12	170.9	17.0	160.9	16.6	150.6	16.0	144.0	15.5	137.4	15.0	127.1	14.2
	15	14	174.1	17.0	160.9	16.3	150.6	15.6	144.0	15.2	137.4	14.7	127.1	13.9
	17	15.5	174.1	16.8	160.9	16.0	150.6	15.4	144.0	14.9	137.4	14.4	127.1	13.7
	19	18	174.1	16.3	160.9	15.6	150.6	14.9	144.0	14.5	137.4	14.0	127.1	13.3
	22	20	174.1	15.9	160.9	15.2	150.6	14.6	144.0	14.2	137.4	13.7	127.1	13.0
	26	24	174.1	15.2	160.9	14.5	150.6	13.9	144.0	13.5	137.4	13.1	127.1	12.4
	30	28	174.1	14.4	160.9	13.8	150.6	13.2	144.0	12.8	137.4	12.4	127.1	11.8
	35	32	174.1	13.7	160.9	13.1	150.6	12.6	144.0	12.2	137.4	11.8	127.1	11.2
	39	36	174.1	13.0	160.9	12.4	150.6	11.9	144.0	11.5	137.4	11.2	127.1	10.6
	44	40	174.1	12.2	160.9	11.7	150.6	11.2	144.0	10.9	137.4	10.5	127.1	10.0
	47	43	174.1	11.7	160.9	11.1	150.6	10.7	144.0	10.4	137.4	10.0	127.1	9.5
	51	47	174.1	10.9	160.9	10.4	150.6	10.0	144.0	9.7	137.4	9.4	127.1	8.9
	54	50	174.1	10.4	160.9	9.9	150.6	9.5	144.0	9.2	137.4	8.9	127.1	8.5
	57	53	174.1	9.8	160.9	9.4	150.6	9.0	144.0	8.7	137.4	8.4	127.1	8.0
	60	56	174.1	9.3	160.9	8.8	150.6	8.5	144.0	8.2	137.4	8.0	127.1	7.5
80	-12.6	-13	106.4	13.1	106.0	13.7	105.6	14.2	105.4	14.5	105.2	14.8	104.8	15.2
	-9	-9.4	119.5	14.2	118.9	14.8	118.6	15.3	118.3	15.7	118.0	16.0	113.0	15.8
	-3.64	-4	128.4	14.9	127.8	15.6	127.4	16.1	127.1	16.4	122.1	16.1	113.0	15.3
	-1.84	-2.2	132.9	15.2	132.3	15.9	131.9	16.5	128.0	16.3	122.1	15.8	113.0	15.0
	5.5	5	151.5	16.6	143.0	16.3	133.9	15.6	128.0	15.2	122.1	14.8	113.0	14.0
	9.5	8.5	154.8	16.4	143.0	15.7	133.9	15.1	128.0	14.7	122.1	14.2	113.0	13.5
	13	12	154.8	15.8	143.0	15.1	133.9	14.6	128.0	14.1	122.1	13.7	113.0	13.0
	15	14	154.8	15.5	143.0	14.8	133.9	14.2	128.0	13.8	122.1	13.4	113.0	12.8
	17	15.5	154.8	15.2	143.0	14.6	133.9	14.0	128.0	13.6	122.1	13.2	113.0	12.5
	19	18	154.8	14.8	143.0	14.2	133.9	13.6	128.0	13.2	122.1	12.8	113.0	12.2
	22	20	154.8	14.5	143.0	13.8	133.9	13.3	128.0	12.9	122.1	12.6	113.0	11.9
	26	24	154.8	13.8	143.0	13.2	133.9	12.7	128.0	12.3	122.1	12.0	113.0	11.4
	30	28	154.8	13.1	143.0	12.6	133.9	12.1	128.0	11.7	122.1	11.4	113.0	10.8
	35	32	154.8	12.4	143.0	11.9	133.9	11.5	128.0	11.1	122.1	10.8	113.0	10.3
	39	36	154.8	11.8	143.0	11.3	133.9	10.8	128.0	10.5	122.1	10.2	113.0	9.7
	44	40	154.8	11.1	143.0	10.6	133.9	10.2	128.0	9.9	122.1	9.6	113.0	9.1
	47	43	154.8	10.6	143.0	10.1	133.9	9.7	128.0	9.5	122.1	9.2	113.0	8.7
	51	47	154.8	9.9	143.0	9.5	133.9	9.1	128.0	8.9	122.1	8.6	113.0	8.2
	54	50	154.8	9.4	143.0	9.0	133.9	8.7	128.0	8.4	122.1	8.2	113.0	7.8
	57	53	154.8	8.9	143.0	8.5	133.9	8.2	128.0	8.0	122.1	7.7	113.0	7.3
	60	56	154.8	8.4	143.0	8.0	133.9	7.7	128.0	7.5	122.1	7.3	113.0	6.9
70	-12.6	-13	106.0	13.6	105.5	14.2	105.2	14.7	104.9	15.0	104.7	15.3	98.9	14.9
	-9	-9.4	118.9	14.7	118.4	15.4	117.2	15.8	112.0	15.4	106.8	15.0	98.9	14.3
	-3.64	-4	127.8	15.5	125.1	15.9	117.2	15.3	112.0	14.9	106.8	14.5	98.9	13.8
	-1.84	-2.2	132.3	15.8	125.1	15.6	117.2	15.1	112.0	14.7	106.8	14.3	98.9	13.6
	5.5	5	135.4	15.2	125.1	14.6	117.2	14.0	112.0	13.7	106.8	13.3	98.9	12.7
	9.5	8.5	135.4	14.6	125.1	14.1	117.2	13.6	112.0	13.2	106.8	12.8	98.9	12.2
	13	12	135.4	14.1	125.1	13.6	117.2	13.1	112.0	12.7	106.8	12.4	98.9	11.8
	15	14	135.4	13.8	125.1	13.3	117.2	12.8	112.0	12.5	106.8	12.1	98.9	11.5
	17	15.5	135.4	13.6	125.1	13.1	117.2	12.6	112.0	12.3	106.8	11.9	98.9	11.4
	19	18	135.4	13.2	125.1	12.7	117.2	12.2	112.0	11.9	106.8	11.6	98.9	11.0
	22	20	135.4	12.9	125.1	12.4	117.2	12.0	112.0	11.6	106.8	11.3	98.9	10.8
	26	24	135.4	12.3	125.1	11.8	117.2	11.4	112.0	11.1	106.8	10.8	98.9	10.3
	30	28	135.4	11.7	125.1	11.2	117.2	10.8	112.0	10.6	106.8	10.3	98.9	9.8
	35	32	135.4	11.1	125.1	10.7	117.2	10.3	112.0	10.0	106.8	9.7	98.9	9.3
	39	36	135.4	10.5	125.1	10.1	117.2	9.7	112.0	9.5	106.8	9.2	98.9	8.8
	44	40	135.4	9.9	125.1	9.5	117.2	9.2	112.0	8.9	106.8	8.7	98.9	8.3
	47	43	135.4	9.5	125.1	9.1	117.2	8.8	112.0	8.5	106.8	8.3	98.9	7.9
	51	47	135.4	8.8	125.1	8.5	117.2	8.2	112.0	8.0	106.8	7.8	98.9	7.4
	54	50	135.4	8.4	125.1	8.1	117.2	7.8	112.0	7.6	106.8	7.4	98.9	7.0
	57	53	135.4	7.9	125.1	7.6	117.2	7.4	112.0	7.2	106.8	7.0	98.9	6.6
	60	56	135.4	7.5	125.1	7.2	117.2	6.9	112.0	6.8	106.8	6.6	98.9	6.3

Tc: Total Capacity PI: Power Input

Table 145 - 38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	105.5	14.1	105.1	14.8	100.4	14.6	96.0	14.3	91.6	13.9	84.8	13.3
	-9	-9.4	116.1	15.0	107.2	14.4	100.4	13.9	96.0	13.6	91.6	13.3	84.8	12.7
	-3.64	-4	116.1	14.5	107.2	14.0	100.4	13.5	96.0	13.2	91.6	12.8	84.8	12.3
	-1.84	-2.2	116.1	14.2	107.2	13.7	100.4	13.3	96.0	13.0	91.6	12.6	84.8	12.1
	5.5	5	116.1	13.3	107.2	12.8	100.4	12.4	96.0	12.1	91.6	11.8	84.8	11.3
	9.5	8.5	116.1	12.8	107.2	12.4	100.4	12.0	96.0	11.7	91.6	11.4	84.8	10.9
	13	12	116.1	12.4	107.2	11.9	100.4	11.5	96.0	11.3	91.6	11.0	84.8	10.5
	15	14	116.1	12.1	107.2	11.7	100.4	11.3	96.0	11.0	91.6	10.7	84.8	10.3
	17	15.5	116.1	11.9	107.2	11.5	100.4	11.1	96.0	10.8	91.6	10.6	84.8	10.1
	19	18	116.1	11.6	107.2	11.2	100.4	10.8	96.0	10.5	91.6	10.3	84.8	9.8
	22	20	116.1	11.3	107.2	10.9	100.4	10.5	96.0	10.3	91.6	10.0	84.8	9.6
	26	24	116.1	10.8	107.2	10.4	100.4	10.1	96.0	9.8	91.6	9.6	84.8	9.1
	30	28	116.1	10.3	107.2	9.9	100.4	9.6	96.0	9.3	91.6	9.1	84.8	8.7
	35	32	116.1	9.7	107.2	9.4	100.4	9.1	96.0	8.9	91.6	8.6	84.8	8.3
	39	36	116.1	9.2	107.2	8.9	100.4	8.6	96.0	8.4	91.6	8.2	84.8	7.8
	44	40	116.1	8.7	107.2	8.4	100.4	8.1	96.0	7.9	91.6	7.7	84.8	7.4
	47	43	116.1	8.3	107.2	8.0	100.4	7.7	96.0	7.5	91.6	7.3	84.8	7.0
	51	47	116.1	7.8	107.2	7.5	100.4	7.2	96.0	7.1	91.6	6.9	84.8	6.6
	54	50	116.1	7.4	107.2	7.1	100.4	6.9	96.0	6.7	91.6	6.5	84.8	6.2
	57	53	116.1	7.0	107.2	6.7	100.4	6.5	96.0	6.3	91.6	6.2	84.8	5.9
	60	56	116.1	6.6	107.2	6.3	100.4	6.1	96.0	6.0	91.6	5.8	84.8	5.6
50	-12.6	-13	96.7	13.4	89.4	13.0	83.7	12.6	80.0	12.3	76.3	12.0	70.6	11.6
	-9	-9.4	96.7	12.8	89.4	12.4	83.7	12.0	80.0	11.8	76.3	11.5	70.6	11.0
	-3.64	-4	96.7	12.4	89.4	12.0	83.7	11.6	80.0	11.4	76.3	11.1	70.6	10.7
	-1.84	-2.2	96.7	12.2	89.4	11.8	83.7	11.4	80.0	11.2	76.3	10.9	70.6	10.5
	5.5	5	96.7	11.4	89.4	11.0	83.7	10.7	80.0	10.5	76.3	10.2	70.6	9.8
	9.5	8.5	96.7	11.0	89.4	10.6	83.7	10.3	80.0	10.1	76.3	9.9	70.6	9.5
	13	12	96.7	10.6	89.4	10.2	83.7	9.9	80.0	9.7	76.3	9.5	70.6	9.1
	15	14	96.7	10.4	89.4	10.0	83.7	9.7	80.0	9.5	76.3	9.3	70.6	8.9
	17	15.5	96.7	10.2	89.4	9.9	83.7	9.6	80.0	9.4	76.3	9.2	70.6	8.8
	19	18	96.7	9.9	89.4	9.6	83.7	9.3	80.0	9.1	76.3	8.9	70.6	8.5
	22	20	96.7	9.7	89.4	9.4	83.7	9.1	80.0	8.9	76.3	8.7	70.6	8.3
	26	24	96.7	9.2	89.4	8.9	83.7	8.7	80.0	8.5	76.3	8.3	70.6	8.0
	30	28	96.7	8.8	89.4	8.5	83.7	8.2	80.0	8.1	76.3	7.9	70.6	7.6
	35	32	96.7	8.3	89.4	8.1	83.7	7.8	80.0	7.7	76.3	7.5	70.6	7.2
	39	36	96.7	7.9	89.4	7.6	83.7	7.4	80.0	7.2	76.3	7.1	70.6	6.8
	44	40	96.7	7.4	89.4	7.2	83.7	7.0	80.0	6.8	76.3	6.7	70.6	6.4
	47	43	96.7	7.1	89.4	6.9	83.7	6.7	80.0	6.5	76.3	6.4	70.6	6.1
	51	47	96.7	6.6	89.4	6.4	83.7	6.2	80.0	6.1	76.3	6.0	70.6	5.7
	54	50	96.7	6.3	89.4	6.1	83.7	5.9	80.0	5.8	76.3	5.7	70.6	5.4
	57	53	96.7	6.0	89.4	5.8	83.7	5.6	80.0	5.5	76.3	5.4	70.6	5.1
	60	56	96.7	5.6	89.4	5.4	83.7	5.3	80.0	5.2	76.3	5.0	70.6	4.8

Tc: Total Capacity PI: Power Input

Table 146 - 38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	110.1	10.0	109.6	10.4	109.2	10.8	109.0	11.0	108.8	11.2	108.4	11.6
	-9	-9.4	123.5	10.7	123.0	11.2	122.6	11.6	122.3	11.9	122.1	12.1	121.7	12.5
	-3.64	-4	132.8	11.2	132.2	11.8	131.8	12.2	131.5	12.4	131.2	12.7	130.8	13.1
	-1.84	-2.2	137.4	11.5	136.9	12.0	136.4	12.4	136.1	12.7	135.8	12.9	135.4	13.3
	5.5	5	156.6	12.4	156.0	13.0	155.5	13.4	155.1	13.7	154.8	14.0	154.3	14.4
	9.5	8.5	166.2	12.8	165.5	13.4	165.0	13.9	164.6	14.2	164.3	14.4	163.7	14.9
	13	12	176.0	13.2	175.3	13.8	174.7	14.3	174.3	14.6	173.9	14.9	169.6	14.9
	15	14	181.7	13.4	180.9	14.1	180.3	14.5	179.9	14.8	179.5	15.1	169.6	14.6
	17	15.5	186.0	13.6	185.2	14.2	184.6	14.7	184.2	15.0	183.2	15.2	169.6	14.4
	19	18	193.2	13.8	192.4	14.5	191.7	14.9	191.3	15.3	183.2	14.8	169.6	14.0
150	22	20	199.0	14.0	198.2	14.7	197.5	15.1	192.1	15.0	183.2	14.5	169.6	13.7
	26	24	210.9	14.3	210.0	15.0	200.9	14.7	192.1	14.3	183.2	13.8	169.6	13.0
	30	28	223.0	14.6	214.6	14.6	200.9	14.0	192.1	13.6	183.2	13.1	169.6	12.4
	35	32	232.3	14.6	214.6	13.9	200.9	13.3	192.1	12.9	183.2	12.5	169.6	11.8
	39	36	232.3	13.8	214.6	13.1	200.9	12.6	192.1	12.2	183.2	11.8	169.6	11.1
	44	40	232.3	13.0	214.6	12.4	200.9	11.9	192.1	11.5	183.2	11.1	169.6	10.5
	47	43	232.3	12.4	214.6	11.8	200.9	11.3	192.1	11.0	183.2	10.6	169.6	10.0
	51	47	232.3	11.6	214.6	11.1	200.9	10.6	192.1	10.3	183.2	9.9	169.6	9.4
	54	50	232.3	11.0	214.6	10.5	200.9	10.1	192.1	9.7	183.2	9.4	169.6	8.9
	57	53	232.3	10.4	214.6	9.9	200.9	9.5	192.1	9.2	183.2	8.9	169.6	8.4
	60	56	232.3	9.9	214.6	9.4	200.9	9.0	192.1	8.7	183.2	8.4	169.6	7.9
	-12.6	-13	109.6	10.5	109.1	11.0	108.8	11.4	108.5	11.6	108.3	11.9	107.9	12.3
	-9	-9.4	123.0	11.4	122.5	11.9	122.1	12.3	121.8	12.6	121.6	12.8	121.2	13.2
	-3.64	-4	132.2	11.9	131.7	12.4	131.2	12.9	130.9	13.1	130.7	13.4	130.2	13.8
	-1.84	-2.2	136.9	12.2	136.3	12.7	135.8	13.1	135.6	13.4	135.3	13.7	134.8	14.1
	5.5	5	156.0	13.1	155.3	13.7	154.8	14.2	154.5	14.5	154.2	14.8	153.6	15.2
	9.5	8.5	165.6	13.6	164.9	14.2	164.3	14.7	164.0	15.0	163.6	15.3	163.1	15.8
	13	12	175.3	14.0	174.5	14.6	174.0	15.1	173.6	15.4	173.2	15.8	168.9	15.8
	15	14	180.9	14.2	180.2	14.9	179.6	15.4	179.2	15.7	178.8	16.0	168.9	15.5
	17	15.5	185.2	14.4	184.4	15.0	183.8	15.5	183.4	15.9	182.5	16.1	168.9	15.2
	19	18	192.4	14.6	191.6	15.3	190.9	15.8	190.5	16.1	182.5	15.7	168.9	14.8
140	22	20	198.2	14.8	197.4	15.5	196.7	16.0	191.3	15.8	182.5	15.3	168.9	14.5
	26	24	210.0	15.2	209.1	15.9	200.1	15.6	191.3	15.1	182.5	14.6	168.9	13.8
	30	28	222.0	15.5	213.7	15.5	200.1	14.8	191.3	14.4	182.5	13.9	168.9	13.1
	35	32	231.3	15.4	213.7	14.7	200.1	14.1	191.3	13.6	182.5	13.2	168.9	12.4
	39	36	231.3	14.6	213.7	13.9	200.1	13.3	191.3	12.9	182.5	12.5	168.9	11.8
	44	40	231.3	13.8	213.7	13.1	200.1	12.5	191.3	12.2	182.5	11.8	168.9	11.1
	47	43	231.3	13.1	213.7	12.5	200.1	12.0	191.3	11.6	182.5	11.2	168.9	10.6
	51	47	231.3	12.3	213.7	11.7	200.1	11.2	191.3	10.9	182.5	10.5	168.9	9.9
	54	50	231.3	11.7	213.7	11.1	200.1	10.6	191.3	10.3	182.5	10.0	168.9	9.4
	57	53	231.3	11.1	213.7	10.5	200.1	10.1	191.3	9.8	182.5	9.4	168.9	8.9
	60	56	231.3	10.4	213.7	9.9	200.1	9.5	191.3	9.2	182.5	8.9	168.9	8.4
	-12.6	-13	109.1	11.1	108.7	11.6	108.3	12.0	108.1	12.3	107.9	12.5	107.5	12.9
	-9	-9.4	122.5	12.0	122.0	12.5	121.6	13.0	121.3	13.2	121.1	13.5	120.7	13.9
	-3.64	-4	131.7	12.5	131.1	13.1	130.7	13.6	130.4	13.9	130.1	14.1	129.7	14.6
	-1.84	-2.2	136.3	12.8	135.7	13.4	135.3	13.9	135.0	14.2	134.7	14.4	134.3	14.9
	5.5	5	155.3	13.9	154.7	14.5	154.2	15.0	153.8	15.3	153.5	15.6	153.0	16.1
	9.5	8.5	164.9	14.3	164.2	15.0	163.6	15.5	163.3	15.8	162.9	16.1	162.4	16.6
	13	12	174.6	14.8	173.8	15.4	173.3	15.9	172.9	16.3	172.5	16.6	168.2	16.7
	15	14	180.2	15.0	179.4	15.7	178.8	16.2	178.4	16.5	178.1	16.9	168.2	16.3
	17	15.5	184.4	15.2	183.7	15.9	183.0	16.4	182.7	16.7	181.7	17.0	168.2	16.1
	19	18	191.6	15.4	190.8	16.1	190.2	16.7	189.7	17.0	181.7	16.5	168.2	15.6
130	22	20	197.4	15.6	196.5	16.3	195.9	16.9	190.5	16.7	181.7	16.2	168.2	15.3
	26	24	209.1	16.0	208.3	16.7	199.3	16.4	190.5	15.9	181.7	15.4	168.2	14.5
	30	28	221.1	16.3	212.8	16.3	199.3	15.6	190.5	15.2	181.7	14.6	168.2	13.8
	35	32	230.3	16.3	212.8	15.5	199.3	14.8	190.5	14.4	181.7	13.9	168.2	13.1
	39	36	230.3	15.4	212.8	14.7	199.3	14.0	190.5	13.6	181.7	13.1	168.2	12.4
	44	40	230.3	14.5	212.8	13.8	199.3	13.2	190.5	12.8	181.7	12.4	168.2	11.7
	47	43	230.3	13.9	212.8	13.2	199.3	12.6	190.5	12.2	181.7	11.8	168.2	11.2
	51	47	230.3	13.0	212.8	12.3	199.3	11.8	190.5	11.5	181.7	11.1	168.2	10.5
	54	50	230.3	12.3	212.8	11.7	199.3	11.2	190.5	10.9	181.7	10.5	168.2	9.9
	57	53	230.3	11.6	212.8	11.1	199.3	10.6	190.5	10.3	181.7	9.9	168.2	9.4
	60	56	230.3	11.0	212.8	10.5	199.3	10.0	190.5	9.7	181.7	9.4	168.2	8.9

Tc: Total Capacity PI: Power Input

Table 147 - 38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	108.7	11.7	108.2	12.2	107.9	12.7	107.6	12.9	107.4	13.2	107.1	13.6
	-9	-9.4	122.0	12.6	121.5	13.2	121.1	13.6	120.8	13.9	120.6	14.2	120.2	14.6
	-3.64	-4	131.1	13.2	130.6	13.8	130.1	14.3	129.9	14.6	129.6	14.9	129.1	15.3
	-1.84	-2.2	135.7	13.5	135.2	14.1	134.7	14.6	134.4	14.9	134.1	15.2	133.7	15.7
	5.5	5	154.7	14.6	154.0	15.2	153.5	15.7	153.2	16.1	152.9	16.4	152.4	16.9
	9.5	8.5	164.2	15.0	163.5	15.7	162.9	16.3	162.6	16.6	162.2	16.9	161.7	17.5
	13	12	173.8	15.5	173.1	16.2	172.5	16.8	172.2	17.1	171.8	17.5	167.5	17.5
	15	14	179.4	15.8	178.7	16.5	178.1	17.0	177.7	17.4	177.3	17.7	167.5	17.2
	17	15.5	183.7	15.9	182.9	16.7	182.3	17.2	181.9	17.6	181.0	17.9	167.5	16.9
	19	18	190.8	16.2	190.0	17.0	189.4	17.5	189.0	17.9	181.0	17.4	167.5	16.4
120	22	20	196.6	16.4	195.7	17.2	195.1	17.8	189.7	17.6	181.0	17.0	167.5	16.0
	26	24	208.3	16.8	207.4	17.6	198.4	17.3	189.7	16.7	181.0	16.2	167.5	15.3
	30	28	220.2	17.1	211.9	17.2	198.4	16.4	189.7	15.9	181.0	15.4	167.5	14.5
	35	32	229.4	17.1	211.9	16.3	198.4	15.6	189.7	15.1	181.0	14.6	167.5	13.8
	39	36	229.4	16.2	211.9	15.4	198.4	14.7	189.7	14.3	181.0	13.8	167.5	13.0
	44	40	229.4	15.2	211.9	14.5	198.4	13.9	189.7	13.5	181.0	13.0	167.5	12.3
	47	43	229.4	14.6	211.9	13.9	198.4	13.3	189.7	12.9	181.0	12.4	167.5	11.7
	51	47	229.4	13.6	211.9	13.0	198.4	12.4	189.7	12.0	181.0	11.6	167.5	11.0
	54	50	229.4	12.9	211.9	12.3	198.4	11.8	189.7	11.4	181.0	11.0	167.5	10.4
	57	53	229.4	12.2	211.9	11.7	198.4	11.2	189.7	10.8	181.0	10.5	167.5	9.9
	60	56	229.4	11.5	211.9	11.0	198.4	10.5	189.7	10.2	181.0	9.9	167.5	9.3
	-12.6	-13	108.2	12.3	107.8	12.8	107.4	13.3	107.2	13.6	107.0	13.8	106.6	14.3
	-9	-9.4	121.5	13.2	121.0	13.8	120.6	14.3	120.3	14.6	120.1	14.9	119.7	15.4
	-3.64	-4	130.6	13.8	130.0	14.5	129.6	15.0	129.3	15.3	129.0	15.6	128.6	16.1
	-1.84	-2.2	135.2	14.1	134.6	14.8	134.2	15.3	133.9	15.6	133.6	15.9	133.1	16.4
	5.5	5	154.1	15.3	153.4	16.0	152.9	16.5	152.6	16.8	152.2	17.2	151.7	17.7
	9.5	8.5	163.5	15.8	162.8	16.5	162.3	17.1	161.9	17.4	161.6	17.8	161.0	18.3
	13	12	173.1	16.3	172.4	17.0	171.8	17.6	171.4	17.9	171.1	18.3	166.8	18.4
	15	14	178.7	16.5	177.9	17.3	177.3	17.8	177.0	18.2	176.6	18.6	166.8	18.0
	17	15.5	182.9	16.7	182.1	17.5	181.5	18.0	181.1	18.4	180.2	18.7	166.8	17.7
	19	18	190.0	17.0	189.2	17.8	188.6	18.4	188.2	18.7	180.2	18.2	166.8	17.2
110	22	20	195.7	17.2	194.9	18.0	194.3	18.6	188.9	18.4	180.2	17.8	166.8	16.8
	26	24	207.4	17.6	206.5	18.4	197.6	18.1	188.9	17.5	180.2	17.0	166.8	16.0
	30	28	219.3	17.9	211.0	18.0	197.6	17.2	188.9	16.7	180.2	16.1	166.8	15.2
	35	32	228.4	17.9	211.0	17.1	197.6	16.3	188.9	15.8	180.2	15.3	166.8	14.5
	39	36	228.4	16.9	211.0	16.1	197.6	15.4	188.9	15.0	180.2	14.5	166.8	13.7
	44	40	228.4	16.0	211.0	15.2	197.6	14.6	188.9	14.1	180.2	13.6	166.8	12.9
	47	43	228.4	15.2	211.0	14.5	197.6	13.9	188.9	13.5	180.2	13.0	166.8	12.3
	51	47	228.4	14.3	211.0	13.6	197.6	13.0	188.9	12.6	180.2	12.2	166.8	11.5
	54	50	228.4	13.5	211.0	12.9	197.6	12.4	188.9	12.0	180.2	11.6	166.8	10.9
	57	53	228.4	12.8	211.0	12.2	197.6	11.7	188.9	11.3	180.2	11.0	166.8	10.3
	60	56	228.4	12.1	211.0	11.5	197.6	11.0	188.9	10.7	180.2	10.3	166.8	9.8
	-12.6	-13	107.8	12.8	107.3	13.4	107.0	13.9	106.7	14.2	106.5	14.5	106.2	14.9
	-9	-9.4	121.0	13.8	120.5	14.5	120.1	15.0	119.8	15.3	119.6	15.6	119.2	16.1
	-3.64	-4	130.0	14.5	129.5	15.1	129.0	15.6	128.8	16.0	128.5	16.3	128.1	16.8
	-1.84	-2.2	134.6	14.8	134.0	15.5	133.6	16.0	133.3	16.3	133.0	16.6	132.6	17.2
	5.5	5	153.4	16.0	152.8	16.7	152.2	17.3	151.9	17.6	151.6	18.0	151.1	18.5
	9.5	8.5	162.8	16.5	162.1	17.2	161.6	17.8	161.2	18.2	160.9	18.6	160.4	19.1
	13	12	172.4	17.0	171.7	17.8	171.1	18.4	170.7	18.7	170.4	19.1	166.0	19.2
	15	14	177.9	17.3	177.2	18.1	176.6	18.7	176.2	19.0	175.8	19.4	166.0	18.8
	17	15.5	182.1	17.5	181.4	18.3	180.8	18.9	180.4	19.3	179.3	19.6	166.0	18.5
	19	18	189.2	17.8	188.4	18.6	187.8	19.2	187.4	19.6	179.3	19.0	166.0	18.0
100	22	20	194.9	18.0	194.1	18.8	193.5	19.4	188.0	19.2	179.3	18.6	166.0	17.6
	26	24	206.5	18.4	205.7	19.2	196.7	18.9	188.0	18.3	179.3	17.7	166.0	16.7
	30	28	218.4	18.8	210.0	18.8	196.7	18.0	188.0	17.4	179.3	16.9	166.0	15.9
	35	32	227.3	18.7	210.0	17.8	196.7	17.1	188.0	16.5	179.3	16.0	166.0	15.1
	39	36	227.3	17.7	210.0	16.9	196.7	16.1	188.0	15.6	179.3	15.1	166.0	14.3
	44	40	227.3	16.7	210.0	15.9	196.7	15.2	188.0	14.7	179.3	14.3	166.0	13.5
	47	43	227.3	15.9	210.0	15.2	196.7	14.5	188.0	14.1	179.3	13.6	166.0	12.9
	51	47	227.3	14.9	210.0	14.2	196.7	13.6	188.0	13.2	179.3	12.7	166.0	12.0
	54	50	227.3	14.1	210.0	13.5	196.7	12.9	188.0	12.5	179.3	12.1	166.0	11.4
	57	53	227.3	13.4	210.0	12.8	196.7	12.2	188.0	11.8	179.3	11.4	166.0	10.8
	60	56	227.3	12.6	210.0	12.0	196.7	11.5	188.0	11.2	179.3	10.8	166.0	10.2

Tc: Total Capacity PI: Power Input

Table 148 - 38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	107.3	13.4	106.9	14.0	106.5	14.5	106.3	14.8	106.1	15.1	105.7	15.6
	-9	-9.4	120.5	14.4	120.0	15.1	119.6	15.6	119.3	15.9	119.1	16.3	118.7	16.8
	-3.64	-4	129.5	15.1	128.9	15.8	128.5	16.3	128.2	16.7	127.9	17.0	127.5	17.5
	-1.84	-2.2	134.0	15.4	133.5	16.1	133.0	16.7	132.7	17.0	132.5	17.4	132.0	17.9
	5.5	5	152.8	16.6	152.1	17.4	151.6	18.0	151.3	18.4	151.0	18.7	149.4	19.2
	9.5	8.5	162.1	17.2	161.4	18.0	160.9	18.6	160.6	19.0	160.2	19.4	149.4	18.5
	13	12	171.7	17.7	170.9	18.5	170.4	19.2	169.2	19.4	161.4	18.8	149.4	17.8
	15	14	177.2	18.0	176.4	18.8	175.8	19.5	169.2	19.0	161.4	18.4	149.4	17.5
	17	15.5	181.4	18.2	180.6	19.0	177.0	19.3	169.2	18.7	161.4	18.1	149.4	17.2
	19	18	188.4	18.5	187.6	19.4	177.0	18.8	169.2	18.2	161.4	17.6	149.4	16.7
	22	20	194.1	18.8	189.0	19.1	177.0	18.3	169.2	17.8	161.4	17.2	149.4	16.3
	26	24	204.6	19.1	189.0	18.2	177.0	17.5	169.2	17.0	161.4	16.4	149.4	15.6
	30	28	204.6	18.1	189.0	17.3	177.0	16.6	169.2	16.1	161.4	15.6	149.4	14.8
	35	32	204.6	17.2	189.0	16.4	177.0	15.8	169.2	15.3	161.4	14.8	149.4	14.0
	39	36	204.6	16.3	189.0	15.5	177.0	14.9	169.2	14.5	161.4	14.0	149.4	13.3
	44	40	204.6	15.3	189.0	14.6	177.0	14.1	169.2	13.6	161.4	13.2	149.4	12.5
	47	43	204.6	14.6	189.0	14.0	177.0	13.4	169.2	13.0	161.4	12.6	149.4	11.9
	51	47	204.6	13.7	189.0	13.1	177.0	12.6	169.2	12.2	161.4	11.8	149.4	11.2
	54	50	204.6	13.0	189.0	12.4	177.0	11.9	169.2	11.6	161.4	11.2	149.4	10.6
	57	53	204.6	12.3	189.0	11.8	177.0	11.3	169.2	10.9	161.4	10.6	149.4	10.0
	60	56	204.6	11.6	189.0	11.1	177.0	10.6	169.2	10.3	161.4	10.0	149.4	9.5
80	-12.6	-13	106.9	13.9	106.4	14.6	106.1	15.1	105.8	15.4	105.6	15.7	105.3	16.2
	-9	-9.4	120.0	15.0	119.5	15.7	119.1	16.2	118.8	16.6	118.6	16.9	118.2	17.5
	-3.64	-4	128.9	15.7	128.4	16.4	128.0	17.0	127.7	17.3	127.4	17.7	127.0	18.3
	-1.84	-2.2	133.5	16.0	132.9	16.8	132.5	17.4	132.2	17.7	131.9	18.1	131.5	18.6
	5.5	5	152.1	17.3	151.5	18.1	151.0	18.7	150.4	19.1	143.5	18.5	132.8	17.6
	9.5	8.5	161.4	17.9	160.7	18.7	157.3	19.0	150.4	18.4	143.5	17.9	132.8	17.0
	13	12	170.9	18.4	168.0	19.0	157.3	18.3	150.4	17.8	143.5	17.2	132.8	16.4
	15	14	176.4	18.7	168.0	18.6	157.3	17.9	150.4	17.4	143.5	16.9	132.8	16.0
	17	15.5	180.6	18.9	168.0	18.3	157.3	17.6	150.4	17.1	143.5	16.6	132.8	15.8
	19	18	181.9	18.6	168.0	17.8	157.3	17.1	150.4	16.6	143.5	16.1	132.8	15.3
	22	20	181.9	18.2	168.0	17.4	157.3	16.7	150.4	16.3	143.5	15.8	132.8	15.0
	26	24	181.9	17.3	168.0	16.6	157.3	15.9	150.4	15.5	143.5	15.0	132.8	14.3
	30	28	181.9	16.5	168.0	15.8	157.3	15.2	150.4	14.7	143.5	14.3	132.8	13.6
	35	32	181.9	15.6	168.0	14.9	157.3	14.4	150.4	14.0	143.5	13.6	132.8	12.9
	39	36	181.9	14.8	168.0	14.1	157.3	13.6	150.4	13.2	143.5	12.8	132.8	12.2
	44	40	181.9	13.9	168.0	13.3	157.3	12.8	150.4	12.5	143.5	12.1	132.8	11.5
	47	43	181.9	13.3	168.0	12.7	157.3	12.2	150.4	11.9	143.5	11.5	132.8	11.0
	51	47	181.9	12.4	168.0	11.9	157.3	11.5	150.4	11.1	143.5	10.8	132.8	10.3
	54	50	181.9	11.8	168.0	11.3	157.3	10.9	150.4	10.6	143.5	10.3	132.8	9.7
	57	53	181.9	11.2	168.0	10.7	157.3	10.3	150.4	10.0	143.5	9.7	132.8	9.2
	60	56	181.9	10.5	168.0	10.1	157.3	9.7	150.4	9.4	143.5	9.2	132.8	8.7
70	-12.6	-13	106.4	14.5	106.0	15.2	105.6	15.7	105.4	16.0	105.2	16.3	104.8	16.9
	-9	-9.4	119.5	15.6	119.0	16.3	118.6	16.9	118.3	17.2	118.0	17.6	116.2	17.9
	-3.64	-4	128.4	16.3	127.8	17.1	127.4	17.7	127.1	18.0	125.5	18.2	116.2	17.3
	-1.84	-2.2	132.9	16.7	132.3	17.4	131.9	18.0	131.6	18.4	125.5	17.9	116.2	17.0
	5.5	5	151.5	18.0	147.0	18.3	137.7	17.6	131.6	17.2	125.5	16.7	116.2	15.9
	9.5	8.5	159.1	18.4	147.0	17.7	137.7	17.0	131.6	16.6	125.5	16.1	116.2	15.4
	13	12	159.1	17.7	147.0	17.0	137.7	16.4	131.6	16.0	125.5	15.5	116.2	14.8
	15	14	159.1	17.3	147.0	16.7	137.7	16.1	131.6	15.6	125.5	15.2	116.2	14.5
	17	15.5	159.1	17.1	147.0	16.4	137.7	15.8	131.6	15.4	125.5	15.0	116.2	14.3
	19	18	159.1	16.6	147.0	15.9	137.7	15.4	131.6	15.0	125.5	14.5	116.2	13.9
	22	20	159.1	16.2	147.0	15.6	137.7	15.0	131.6	14.6	125.5	14.2	116.2	13.5
	26	24	159.1	15.5	147.0	14.8	137.7	14.3	131.6	13.9	125.5	13.6	116.2	12.9
	30	28	159.1	14.7	147.0	14.1	137.7	13.6	131.6	13.3	125.5	12.9	116.2	12.3
	35	32	159.1	13.9	147.0	13.4	137.7	12.9	131.6	12.6	125.5	12.2	116.2	11.6
	39	36	159.1	13.2	147.0	12.7	137.7	12.2	131.6	11.9	125.5	11.6	116.2	11.0
	44	40	159.1	12.4	147.0	11.9	137.7	11.5	131.6	11.2	125.5	10.9	116.2	10.4
	47	43	159.1	11.9	147.0	11.4	137.7	11.0	131.6	10.7	125.5	10.4	116.2	9.9
	51	47	159.1	11.1	147.0	10.7	137.7	10.3	131.6	10.0	125.5	9.7	116.2	9.3
	54	50	159.1	10.5	147.0	10.1	137.7	9.8	131.6	9.5	125.5	9.2	116.2	8.8
	57	53	159.1	10.0	147.0	9.6	137.7	9.2	131.6	9.0	125.5	8.8	116.2	8.3
	60	56	159.1	9.4	147.0	9.0	137.7	8.7	131.6	8.5	125.5	8.3	116.2	7.9

Tc: Total Capacity PI: Power Input

Table 149 - 38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	106.0	15.0	105.5	15.7	105.2	16.3	104.9	16.6	104.7	17.0	99.6	16.7
	-9	-9.4	118.9	16.2	118.4	16.9	118.0	17.5	112.8	17.1	107.6	16.6	99.6	15.9
	-3.64	-4	127.8	16.9	126.0	17.5	118.0	16.9	112.8	16.5	107.6	16.1	99.6	15.4
	-1.84	-2.2	132.3	17.3	126.0	17.2	118.0	16.7	112.8	16.3	107.6	15.9	99.6	15.2
	5.5	5	136.4	16.7	126.0	16.1	118.0	15.6	112.8	15.2	107.6	14.8	99.6	14.1
	9.5	8.5	136.4	16.1	126.0	15.5	118.0	15.0	112.8	14.7	107.6	14.3	99.6	13.7
	13	12	136.4	15.5	126.0	15.0	118.0	14.5	112.8	14.1	107.6	13.8	99.6	13.2
	15	14	136.4	15.2	126.0	14.7	118.0	14.2	112.8	13.8	107.6	13.5	99.6	12.9
	17	15.5	136.4	14.9	126.0	14.4	118.0	13.9	112.8	13.6	107.6	13.3	99.6	12.7
	19	18	136.4	14.5	126.0	14.0	118.0	13.6	112.8	13.2	107.6	12.9	99.6	12.3
	22	20	136.4	14.2	126.0	13.7	118.0	13.2	112.8	12.9	107.6	12.6	99.6	12.0
	26	24	136.4	13.5	126.0	13.1	118.0	12.6	112.8	12.3	107.6	12.0	99.6	11.5
	30	28	136.4	12.9	126.0	12.4	118.0	12.0	112.8	11.7	107.6	11.4	99.6	10.9
	35	32	136.4	12.2	126.0	11.8	118.0	11.4	112.8	11.1	107.6	10.8	99.6	10.4
	39	36	136.4	11.6	126.0	11.1	118.0	10.8	112.8	10.5	107.6	10.2	99.6	9.8
	44	40	136.4	10.9	126.0	10.5	118.0	10.2	112.8	9.9	107.6	9.7	99.6	9.2
	47	43	136.4	10.4	126.0	10.0	118.0	9.7	112.8	9.5	107.6	9.2	99.6	8.8
	51	47	136.4	9.7	126.0	9.4	118.0	9.1	112.8	8.9	107.6	8.6	99.6	8.3
	54	50	136.4	9.2	126.0	8.9	118.0	8.6	112.8	8.4	107.6	8.2	99.6	7.8
	57	53	136.4	8.7	126.0	8.4	118.0	8.2	112.8	8.0	107.6	7.8	99.6	7.4
	60	56	136.4	8.2	126.0	8.0	118.0	7.7	112.8	7.5	107.6	7.3	99.6	7.0
50	-12.6	-13	105.5	15.6	105.0	16.3	98.3	15.8	94.0	15.5	89.7	15.1	83.0	14.5
	-9	-9.4	113.7	16.1	105.0	15.5	98.3	15.1	94.0	14.8	89.7	14.4	83.0	13.9
	-3.64	-4	113.7	15.5	105.0	15.1	98.3	14.6	94.0	14.3	89.7	14.0	83.0	13.4
	-1.84	-2.2	113.7	15.3	105.0	14.8	98.3	14.4	94.0	14.1	89.7	13.7	83.0	13.2
	5.5	5	113.7	14.3	105.0	13.8	98.3	13.4	94.0	13.1	89.7	12.8	83.0	12.3
	9.5	8.5	113.7	13.8	105.0	13.3	98.3	13.0	94.0	12.7	89.7	12.4	83.0	11.9
	13	12	113.7	13.3	105.0	12.9	98.3	12.5	94.0	12.2	89.7	11.9	83.0	11.5
	15	14	113.7	13.0	105.0	12.6	98.3	12.2	94.0	12.0	89.7	11.7	83.0	11.2
	17	15.5	113.7	12.8	105.0	12.4	98.3	12.0	94.0	11.8	89.7	11.5	83.0	11.0
	19	18	113.7	12.4	105.0	12.0	98.3	11.7	94.0	11.4	89.7	11.2	83.0	10.7
	22	20	113.7	12.1	105.0	11.8	98.3	11.4	94.0	11.2	89.7	10.9	83.0	10.5
	26	24	113.7	11.6	105.0	11.2	98.3	10.9	94.0	10.7	89.7	10.4	83.0	10.0
	30	28	113.7	11.0	105.0	10.7	98.3	10.4	94.0	10.1	89.7	9.9	83.0	9.5
	35	32	113.7	10.5	105.0	10.1	98.3	9.8	94.0	9.6	89.7	9.4	83.0	9.0
	39	36	113.7	9.9	105.0	9.6	98.3	9.3	94.0	9.1	89.7	8.9	83.0	8.5
	44	40	113.7	9.3	105.0	9.0	98.3	8.8	94.0	8.6	89.7	8.4	83.0	8.0
	47	43	113.7	8.9	105.0	8.6	98.3	8.4	94.0	8.2	89.7	8.0	83.0	7.7
	51	47	113.7	8.3	105.0	8.1	98.3	7.8	94.0	7.7	89.7	7.5	83.0	7.2
	54	50	113.7	7.9	105.0	7.7	98.3	7.4	94.0	7.3	89.7	7.1	83.0	6.8
	57	53	113.7	7.5	105.0	7.2	98.3	7.0	94.0	6.9	89.7	6.7	83.0	6.5
	60	56	113.7	7.1	105.0	6.8	98.3	6.6	94.0	6.5	89.7	6.3	83.0	6.1

Tc: Total Capacity PI: Power Input

Table 150 - 38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	110.5	10.9	110.1	11.4	109.7	11.8	109.5	12.0	109.2	12.3	108.9	12.7
	-9	-9.4	124.1	11.7	123.5	12.2	123.1	12.7	122.9	12.9	122.6	13.2	122.2	13.6
	-3.64	-4	133.3	12.2	132.8	12.8	132.3	13.2	132.0	13.5	131.8	13.8	131.3	14.2
	-1.84	-2.2	138.0	12.5	137.4	13.0	137.0	13.5	136.7	13.8	136.4	14.0	136.0	14.5
	5.5	5	157.3	13.4	156.6	14.0	156.1	14.5	155.8	14.8	155.5	15.1	154.9	15.6
	9.5	8.5	167.0	13.8	166.2	14.5	165.7	14.9	165.3	15.3	165.0	15.6	164.4	16.0
	13	12	176.8	14.2	176.0	14.9	175.4	15.4	175.1	15.7	174.7	16.0	174.1	16.5
	15	14	182.5	14.4	181.7	15.1	181.1	15.6	180.7	15.9	180.3	16.2	179.7	16.7
	17	15.5	186.8	14.6	186.0	15.2	185.4	15.8	185.0	16.1	184.6	16.4	184.0	16.9
	19	18	194.0	14.8	193.2	15.5	192.6	16.0	192.1	16.3	191.7	16.7	191.1	17.2
150	22	20	199.9	15.0	199.0	15.7	198.4	16.2	198.0	16.5	197.5	16.9	193.9	17.1
	26	24	211.8	15.3	210.9	16.0	210.2	16.5	209.7	16.9	209.3	17.2	193.9	16.3
	30	28	223.9	15.6	223.0	16.3	222.2	16.8	219.7	17.0	209.5	16.4	193.9	15.5
	35	32	236.3	15.8	235.3	16.5	229.8	16.6	219.7	16.1	209.5	15.6	193.9	14.7
	39	36	248.9	15.9	245.4	16.4	229.8	15.7	219.7	15.2	209.5	14.7	193.9	13.9
	44	40	261.7	16.0	245.4	15.5	229.8	14.8	219.7	14.4	209.5	13.9	193.9	13.1
	47	43	265.6	15.5	245.4	14.8	229.8	14.1	219.7	13.7	209.5	13.2	193.9	12.5
	51	47	265.6	14.5	245.4	13.8	229.8	13.2	219.7	12.8	209.5	12.4	193.9	11.7
	54	50	265.6	13.8	245.4	13.1	229.8	12.6	219.7	12.2	209.5	11.8	193.9	11.1
	57	53	265.6	13.1	245.4	12.4	229.8	11.9	219.7	11.5	209.5	11.1	193.9	10.5
	60	56	265.6	12.3	245.4	11.7	229.8	11.2	219.7	10.9	209.5	10.5	193.9	9.9
	-12.6	-13	110.1	11.5	109.6	12.1	109.2	12.5	109.0	12.8	108.8	13.0	108.4	13.4
	-9	-9.4	123.6	12.4	123.0	13.0	122.6	13.4	122.4	13.7	122.1	14.0	121.7	14.4
	-3.64	-4	132.8	12.9	132.2	13.5	131.8	14.0	131.5	14.3	131.2	14.6	130.8	15.0
	-1.84	-2.2	137.5	13.2	136.9	13.8	136.4	14.3	136.1	14.6	135.8	14.9	135.4	15.3
	5.5	5	156.7	14.2	156.0	14.8	155.5	15.3	155.1	15.7	154.8	16.0	154.3	16.5
	9.5	8.5	166.3	14.6	165.6	15.3	165.0	15.8	164.7	16.1	164.3	16.5	163.8	17.0
	13	12	176.0	15.0	175.3	15.7	174.7	16.3	174.3	16.6	174.0	16.9	173.4	17.5
	15	14	181.7	15.3	180.9	16.0	180.3	16.5	180.0	16.8	179.6	17.2	179.0	17.7
	17	15.5	186.0	15.4	185.2	16.1	184.6	16.7	184.2	17.0	183.8	17.4	183.2	17.9
	19	18	193.2	15.7	192.4	16.4	191.8	16.9	191.3	17.3	190.9	17.6	190.3	18.2
140	22	20	199.1	15.9	198.2	16.6	197.6	17.1	197.1	17.5	196.7	17.9	193.1	18.1
	26	24	210.9	16.2	210.0	16.9	209.3	17.5	208.9	17.9	208.4	18.2	193.1	17.2
	30	28	223.0	16.5	222.0	17.2	221.3	17.8	218.7	18.0	208.7	17.4	193.1	16.4
	35	32	235.3	16.7	234.3	17.4	228.8	17.6	218.7	17.0	208.7	16.5	193.1	15.6
	39	36	247.9	16.8	244.4	17.4	228.8	16.6	218.7	16.1	208.7	15.6	193.1	14.7
	44	40	260.6	16.9	244.4	16.4	228.8	15.7	218.7	15.2	208.7	14.7	193.1	13.9
	47	43	264.5	16.4	244.4	15.6	228.8	15.0	218.7	14.5	208.7	14.0	193.1	13.2
	51	47	264.5	15.4	244.4	14.6	228.8	14.0	218.7	13.6	208.7	13.1	193.1	12.4
	54	50	264.5	14.6	244.4	13.9	228.8	13.3	218.7	12.9	208.7	12.5	193.1	11.8
	57	53	264.5	13.8	244.4	13.1	228.8	12.6	218.7	12.2	208.7	11.8	193.1	11.1
	60	56	264.5	13.0	244.4	12.4	228.8	11.9	218.7	11.5	208.7	11.1	193.1	10.5
	-12.6	-13	109.6	12.2	109.1	12.8	108.8	13.2	108.6	13.5	108.3	13.7	108.0	14.2
	-9	-9.4	123.0	13.1	122.5	13.7	122.1	14.1	121.9	14.4	121.6	14.7	121.2	15.2
	-3.64	-4	132.2	13.6	131.7	14.3	131.2	14.8	131.0	15.1	130.7	15.4	130.2	15.9
	-1.84	-2.2	136.9	13.9	136.3	14.6	135.9	15.1	135.6	15.4	135.3	15.7	134.8	16.2
	5.5	5	156.0	15.0	155.3	15.7	154.8	16.2	154.5	16.5	154.2	16.9	153.7	17.4
	9.5	8.5	165.6	15.4	164.9	16.1	164.3	16.7	164.0	17.0	163.6	17.4	163.1	17.9
	13	12	175.3	15.9	174.6	16.6	174.0	17.2	173.6	17.5	173.2	17.9	172.7	18.4
	15	14	181.0	16.1	180.2	16.8	179.6	17.4	179.2	17.8	178.8	18.1	178.2	18.7
	17	15.5	185.2	16.3	184.4	17.0	183.8	17.6	183.4	18.0	183.0	18.3	182.4	18.9
	19	18	192.4	16.5	191.6	17.3	191.0	17.9	190.6	18.2	190.1	18.6	189.5	19.2
130	22	20	198.2	16.7	197.4	17.5	196.7	18.1	196.3	18.5	195.9	18.8	192.3	19.1
	26	24	210.0	17.1	209.1	17.9	208.5	18.5	208.0	18.8	207.6	19.2	192.3	18.2
	30	28	222.1	17.4	221.1	18.2	220.4	18.8	217.8	18.9	207.8	18.3	192.3	17.3
	35	32	234.3	17.6	233.3	18.4	227.9	18.5	217.8	18.0	207.8	17.4	192.3	16.4
	39	36	246.8	17.7	243.4	18.3	227.9	17.5	217.8	17.0	207.8	16.4	192.3	15.5
	44	40	259.6	17.8	243.4	17.3	227.9	16.5	217.8	16.0	207.8	15.5	192.3	14.6
	47	43	263.4	17.3	243.4	16.5	227.9	15.8	217.8	15.3	207.8	14.8	192.3	14.0
	51	47	263.4	16.2	243.4	15.4	227.9	14.8	217.8	14.3	207.8	13.8	192.3	13.1
	54	50	263.4	15.4	243.4	14.6	227.9	14.0	217.8	13.6	207.8	13.1	192.3	12.4
	57	53	263.4	14.6	243.4	13.9	227.9	13.3	217.8	12.9	207.8	12.4	192.3	11.7
	60	56	263.4	13.7	243.4	13.1	227.9	12.5	217.8	12.1	207.8	11.7	192.3	11.1

Tc: Total Capacity PI: Power Input

Table 151 - 38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	109.2	12.8	108.7	13.4	108.3	13.9	108.1	14.2	107.9	14.5	107.5	14.9
	-9	-9.4	122.5	13.7	122.0	14.4	121.6	14.9	121.3	15.2	121.1	15.5	120.7	16.0
	-3.64	-4	131.7	14.3	131.1	15.0	130.7	15.5	130.4	15.8	130.1	16.2	129.7	16.7
	-1.84	-2.2	136.3	14.6	135.7	15.3	135.3	15.8	135.0	16.2	134.7	16.5	134.3	17.0
	5.5	5	155.4	15.7	154.7	16.5	154.2	17.0	153.9	17.4	153.5	17.7	153.0	18.3
	9.5	8.5	164.9	16.2	164.2	17.0	163.6	17.5	163.3	17.9	162.9	18.3	162.4	18.8
	13	12	174.6	16.7	173.8	17.4	173.3	18.0	172.9	18.4	172.5	18.8	171.9	19.4
	15	14	180.2	16.9	179.4	17.7	178.8	18.3	178.5	18.7	178.1	19.1	177.5	19.6
	17	15.5	184.5	17.1	183.7	17.9	183.1	18.5	182.7	18.9	182.3	19.3	181.7	19.8
	19	18	191.6	17.4	190.8	18.2	190.2	18.8	189.8	19.2	189.4	19.6	188.7	20.2
120	22	20	197.4	17.6	196.6	18.4	195.9	19.0	195.5	19.4	195.1	19.8	191.5	20.0
	26	24	209.2	17.9	208.3	18.8	207.6	19.4	207.1	19.8	206.7	20.2	191.5	19.1
	30	28	221.1	18.2	220.2	19.1	219.5	19.7	216.9	19.9	206.9	19.2	191.5	18.2
	35	32	233.4	18.5	232.4	19.3	226.9	19.5	216.9	18.9	206.9	18.3	191.5	17.2
	39	36	245.8	18.6	242.3	19.2	226.9	18.4	216.9	17.9	206.9	17.3	191.5	16.3
	44	40	258.5	18.7	242.3	18.1	226.9	17.4	216.9	16.8	206.9	16.3	191.5	15.4
	47	43	262.3	18.2	242.3	17.3	226.9	16.6	216.9	16.1	206.9	15.5	191.5	14.7
	51	47	262.3	17.0	242.3	16.2	226.9	15.5	216.9	15.0	206.9	14.5	191.5	13.7
	54	50	262.3	16.2	242.3	15.4	226.9	14.7	216.9	14.3	206.9	13.8	191.5	13.0
	57	53	262.3	15.3	242.3	14.6	226.9	13.9	216.9	13.5	206.9	13.1	191.5	12.3
	60	56	262.3	14.4	242.3	13.7	226.9	13.1	216.9	12.7	206.9	12.3	191.5	11.6
	-12.6	-13	108.7	13.4	108.2	14.1	107.9	14.5	107.6	14.9	107.4	15.2	107.1	15.6
	-9	-9.4	122.0	14.4	121.5	15.1	121.1	15.6	120.8	15.9	120.6	16.3	120.2	16.8
	-3.64	-4	131.1	15.0	130.6	15.7	130.1	16.3	129.9	16.6	129.6	17.0	129.2	17.5
	-1.84	-2.2	135.8	15.3	135.2	16.1	134.7	16.6	134.4	17.0	134.2	17.3	133.7	17.8
	5.5	5	154.7	16.5	154.1	17.3	153.5	17.8	153.2	18.2	152.9	18.6	152.4	19.2
	9.5	8.5	164.2	17.0	163.5	17.8	163.0	18.4	162.6	18.8	162.3	19.2	161.7	19.7
	13	12	173.9	17.5	173.1	18.3	172.5	18.9	172.2	19.3	171.8	19.7	171.2	20.3
	15	14	179.4	17.7	178.7	18.6	178.1	19.2	177.7	19.6	177.3	20.0	176.7	20.6
	17	15.5	183.7	17.9	182.9	18.7	182.3	19.4	181.9	19.8	181.5	20.2	180.9	20.8
	19	18	190.8	18.2	190.0	19.0	189.4	19.7	189.0	20.1	188.6	20.5	187.9	21.1
110	22	20	196.6	18.4	195.7	19.3	195.1	19.9	194.7	20.3	194.3	20.7	190.7	21.0
	26	24	208.3	18.8	207.4	19.7	206.7	20.3	206.3	20.7	205.8	21.2	190.7	20.0
	30	28	220.2	19.1	219.3	20.0	218.6	20.7	216.0	20.9	206.1	20.2	190.7	19.0
	35	32	232.4	19.4	231.4	20.2	226.0	20.4	216.0	19.8	206.1	19.1	190.7	18.1
	39	36	244.8	19.5	241.3	20.2	226.0	19.3	216.0	18.7	206.1	18.1	190.7	17.1
	44	40	257.4	19.6	241.3	19.0	226.0	18.2	216.0	17.6	206.1	17.1	190.7	16.1
	47	43	261.2	19.1	241.3	18.1	226.0	17.4	216.0	16.8	206.1	16.3	190.7	15.4
	51	47	261.2	17.8	241.3	17.0	226.0	16.3	216.0	15.8	206.1	15.2	190.7	14.4
	54	50	261.2	16.9	241.3	16.1	226.0	15.4	216.0	15.0	206.1	14.5	190.7	13.7
	57	53	261.2	16.0	241.3	15.3	226.0	14.6	216.0	14.2	206.1	13.7	190.7	12.9
	60	56	261.2	15.1	241.3	14.4	226.0	13.8	216.0	13.4	206.1	12.9	190.7	12.2
	-12.6	-13	108.2	14.1	107.8	14.7	107.4	15.2	107.2	15.5	107.0	15.9	106.6	16.4
	-9	-9.4	121.5	15.1	121.0	15.8	120.6	16.3	120.3	16.7	120.1	17.0	119.7	17.5
	-3.64	-4	130.6	15.7	130.0	16.5	129.6	17.0	129.3	17.4	129.0	17.7	128.6	18.3
	-1.84	-2.2	135.2	16.1	134.6	16.8	134.2	17.4	133.9	17.7	133.6	18.1	133.1	18.7
	5.5	5	154.1	17.2	153.4	18.0	152.9	18.7	152.6	19.0	152.2	19.4	151.7	20.0
	9.5	8.5	163.5	17.8	162.8	18.6	162.3	19.2	161.9	19.6	161.6	20.0	161.0	20.6
	13	12	173.1	18.3	172.4	19.1	171.8	19.8	171.4	20.2	171.1	20.6	170.5	21.2
	15	14	178.7	18.5	177.9	19.4	177.3	20.0	177.0	20.5	176.6	20.9	176.0	21.5
	17	15.5	182.9	18.7	182.1	19.6	181.5	20.3	181.1	20.7	180.8	21.1	180.2	21.7
	19	18	190.0	19.0	189.2	19.9	188.6	20.6	188.2	21.0	187.8	21.4	187.1	22.1
100	22	20	195.8	19.3	194.9	20.1	194.3	20.8	193.9	21.3	193.4	21.7	189.8	21.9
	26	24	207.4	19.7	206.5	20.6	205.8	21.2	205.4	21.7	205.0	22.1	189.8	20.9
	30	28	219.3	20.0	218.4	20.9	217.6	21.6	215.0	21.8	205.1	21.1	189.8	19.9
	35	32	231.4	20.2	230.4	21.2	224.9	21.3	215.0	20.7	205.1	20.0	189.8	18.9
	39	36	243.7	20.4	240.2	21.1	224.9	20.2	215.0	19.5	205.1	18.9	189.8	17.9
	44	40	256.3	20.5	240.2	19.9	224.9	19.0	215.0	18.4	205.1	17.8	189.8	16.8
	47	43	260.0	19.9	240.2	19.0	224.9	18.1	215.0	17.6	205.1	17.0	189.8	16.1
	51	47	260.0	18.6	240.2	17.7	224.9	17.0	215.0	16.5	205.1	15.9	189.8	15.0
	54	50	260.0	17.7	240.2	16.8	224.9	16.1	215.0	15.6	205.1	15.1	189.8	14.3
	57	53	260.0	16.7	240.2	15.9	224.9	15.3	215.0	14.8	205.1	14.3	189.8	13.5
	60	56	260.0	15.8	240.2	15.0	224.9	14.4	215.0	13.9	205.1	13.5	189.8	12.7

Tc: Total Capacity PI: Power Input

Table 152 - 38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	107.8	14.7	107.3	15.4	107.0	15.9	106.7	16.2	106.5	16.6	106.2	17.1
	-9	-9.4	121.0	15.7	120.5	16.5	120.1	17.0	119.8	17.4	119.6	17.7	119.2	18.3
	-3.64	-4	130.0	16.4	129.5	17.2	129.0	17.8	128.8	18.1	128.5	18.5	128.1	19.1
	-1.84	-2.2	134.6	16.7	134.0	17.5	133.6	18.1	133.3	18.5	133.0	18.9	132.6	19.5
	5.5	5	153.4	18.0	152.8	18.8	152.3	19.5	151.9	19.9	151.6	20.3	151.1	20.9
	9.5	8.5	162.8	18.5	162.1	19.4	161.6	20.1	161.2	20.5	160.9	20.9	160.4	21.5
	13	12	172.4	19.1	171.7	19.9	171.1	20.6	170.7	21.0	170.4	21.5	169.8	22.1
	15	14	177.9	19.3	177.2	20.2	176.6	20.9	176.2	21.4	175.8	21.8	170.8	21.8
	17	15.5	182.1	19.5	181.4	20.4	180.8	21.1	180.4	21.6	180.0	22.0	170.8	21.5
	19	18	189.2	19.9	188.4	20.8	187.8	21.5	187.4	21.9	184.6	22.0	170.8	20.9
	22	20	194.9	20.1	194.1	21.0	193.5	21.7	193.0	22.2	184.6	21.5	170.8	20.4
	26	24	206.5	20.5	205.7	21.4	202.4	21.8	193.5	21.2	184.6	20.5	170.8	19.4
	30	28	218.4	20.8	216.2	21.6	202.4	20.8	193.5	20.2	184.6	19.5	170.8	18.5
	35	32	230.4	21.1	216.2	20.5	202.4	19.7	193.5	19.1	184.6	18.5	170.8	17.5
	39	36	234.0	20.3	216.2	19.4	202.4	18.6	193.5	18.1	184.6	17.5	170.8	16.6
	44	40	234.0	19.2	216.2	18.3	202.4	17.6	193.5	17.0	184.6	16.5	170.8	15.6
	47	43	234.0	18.3	216.2	17.5	202.4	16.8	193.5	16.3	184.6	15.8	170.8	14.9
	51	47	234.0	17.1	216.2	16.4	202.4	15.7	193.5	15.2	184.6	14.8	170.8	14.0
	54	50	234.0	16.3	216.2	15.5	202.4	14.9	193.5	14.5	184.6	14.0	170.8	13.3
	57	53	234.0	15.4	216.2	14.7	202.4	14.1	193.5	13.7	184.6	13.3	170.8	12.5
	60	56	234.0	14.5	216.2	13.9	202.4	13.3	193.5	12.9	184.6	12.5	170.8	11.8
80	-12.6	-13	107.3	15.3	106.9	16.0	106.5	16.5	106.3	16.9	106.1	17.2	105.7	17.8
	-9	-9.4	120.5	16.4	120.0	17.2	119.6	17.7	119.3	18.1	119.1	18.5	118.7	19.1
	-3.64	-4	129.5	17.1	128.9	17.9	128.5	18.5	128.2	18.9	127.9	19.3	127.5	19.9
	-1.84	-2.2	134.0	17.4	133.5	18.2	133.0	18.9	132.7	19.3	132.5	19.7	132.0	20.3
	5.5	5	152.8	18.7	152.1	19.6	151.6	20.3	151.3	20.7	151.0	21.1	150.5	21.8
	9.5	8.5	162.1	19.3	161.4	20.2	160.9	20.9	160.6	21.3	160.2	21.8	151.8	21.2
	13	12	171.7	19.8	170.9	20.8	170.4	21.5	170.0	21.9	164.1	21.5	151.8	20.5
	15	14	177.2	20.1	176.4	21.1	175.9	21.8	172.0	21.7	164.1	21.1	151.8	20.0
	17	15.5	181.4	20.3	180.6	21.3	179.9	22.0	172.0	21.4	164.1	20.7	151.8	19.7
	19	18	188.4	20.7	187.6	21.6	179.9	21.4	172.0	20.8	164.1	20.2	151.8	19.1
	22	20	194.1	20.9	192.2	21.7	179.9	20.9	172.0	20.3	164.1	19.7	151.8	18.7
	26	24	205.7	21.3	192.2	20.7	179.9	19.9	172.0	19.4	164.1	18.8	151.8	17.8
	30	28	208.0	20.6	192.2	19.7	179.9	18.9	172.0	18.4	164.1	17.9	151.8	17.0
	35	32	208.0	19.5	192.2	18.7	179.9	18.0	172.0	17.5	164.1	16.9	151.8	16.1
	39	36	208.0	18.5	192.2	17.7	179.9	17.0	172.0	16.5	164.1	16.0	151.8	15.2
	44	40	208.0	17.4	192.2	16.7	179.9	16.0	172.0	15.6	164.1	15.1	151.8	14.3
	47	43	208.0	16.6	192.2	15.9	179.9	15.3	172.0	14.9	164.1	14.4	151.8	13.7
	51	47	208.0	15.5	192.2	14.9	179.9	14.3	172.0	13.9	164.1	13.5	151.8	12.8
	54	50	208.0	14.8	192.2	14.1	179.9	13.6	172.0	13.2	164.1	12.8	151.8	12.2
	57	53	208.0	14.0	192.2	13.4	179.9	12.9	172.0	12.5	164.1	12.1	151.8	11.5
	60	56	208.0	13.2	192.2	12.6	179.9	12.1	172.0	11.8	164.1	11.4	151.8	10.9
70	-12.6	-13	106.9	15.9	106.4	16.6	106.1	17.2	105.8	17.6	105.6	17.9	105.3	18.5
	-9	-9.4	120.0	17.0	119.5	17.8	119.1	18.4	118.8	18.8	118.6	19.2	118.2	19.8
	-3.64	-4	128.9	17.8	128.4	18.6	128.0	19.2	127.7	19.6	127.4	20.0	127.0	20.7
	-1.84	-2.2	133.5	18.1	132.9	19.0	132.5	19.6	132.2	20.0	131.9	20.4	131.5	21.1
	5.5	5	152.1	19.5	151.5	20.4	151.0	21.0	150.5	21.5	143.6	20.9	132.9	19.9
	9.5	8.5	161.4	20.1	160.7	21.0	157.4	21.3	150.5	20.7	143.6	20.1	132.9	19.2
	13	12	170.9	20.6	168.1	21.3	157.4	20.5	150.5	20.0	143.6	19.4	132.9	18.5
	15	14	176.4	20.9	168.1	20.8	157.4	20.1	150.5	19.6	143.6	19.0	132.9	18.1
	17	15.5	180.6	21.1	168.1	20.5	157.4	19.7	150.5	19.2	143.6	18.7	132.9	17.8
	19	18	182.0	20.7	168.1	19.9	157.4	19.2	150.5	18.7	143.6	18.2	132.9	17.3
	22	20	182.0	20.3	168.1	19.5	157.4	18.8	150.5	18.3	143.6	17.8	132.9	16.9
	26	24	182.0	19.3	168.1	18.6	157.4	17.9	150.5	17.4	143.6	16.9	132.9	16.1
	30	28	182.0	18.4	168.1	17.6	157.4	17.0	150.5	16.6	143.6	16.1	132.9	15.3
	35	32	182.0	17.4	168.1	16.7	157.4	16.1	150.5	15.7	143.6	15.3	132.9	14.6
	39	36	182.0	16.5	168.1	15.8	157.4	15.3	150.5	14.9	143.6	14.5	132.9	13.8
	44	40	182.0	15.5	168.1	14.9	157.4	14.4	150.5	14.0	143.6	13.6	132.9	13.0
	47	43	182.0	14.8	168.1	14.2	157.4	13.7	150.5	13.4	143.6	13.0	132.9	12.4
	51	47	182.0	13.9	168.1	13.3	157.4	12.9	150.5	12.5	143.6	12.2	132.9	11.6
	54	50	182.0	13.2	168.1	12.7	157.4	12.2	150.5	11.9	143.6	11.6	132.9	11.0
	57	53	182.0	12.5	168.1	12.0	157.4	11.5	150.5	11.2	143.6	10.9	132.9	10.4
	60	56	182.0	11.8	168.1	11.3	157.4	10.9	150.5	10.6	143.6	10.3	132.9	9.8

Tc: Total Capacity PI: Power Input

Table 153 - 38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	106.4	16.5	106.0	17.3	105.6	17.8	105.4	18.2	105.2	18.6	104.8	19.2
	-9	-9.4	119.5	17.7	118.9	18.5	118.6	19.1	118.3	19.5	118.0	19.9	113.9	19.9
	-3.64	-4	128.4	18.4	127.8	19.3	127.4	19.9	127.1	20.4	123.1	20.1	113.9	19.3
	-1.84	-2.2	132.9	18.8	132.3	19.7	131.9	20.3	129.0	20.3	123.1	19.8	113.9	18.9
	5.5	5	151.5	20.2	144.1	20.1	134.9	19.4	129.0	19.0	123.1	18.5	113.9	17.7
	9.5	8.5	156.0	20.1	144.1	19.4	134.9	18.8	129.0	18.3	123.1	17.8	113.9	17.1
	13	12	156.0	19.4	144.1	18.7	134.9	18.1	129.0	17.7	123.1	17.2	113.9	16.4
	15	14	156.0	19.0	144.1	18.3	134.9	17.7	129.0	17.3	123.1	16.8	113.9	16.1
	17	15.5	156.0	18.7	144.1	18.0	134.9	17.4	129.0	17.0	123.1	16.6	113.9	15.8
	19	18	156.0	18.2	144.1	17.5	134.9	16.9	129.0	16.5	123.1	16.1	113.9	15.4
	22	20	156.0	17.7	144.1	17.1	134.9	16.6	129.0	16.2	123.1	15.7	113.9	15.0
	26	24	156.0	16.9	144.1	16.3	134.9	15.8	129.0	15.4	123.1	15.0	113.9	14.3
	30	28	156.0	16.1	144.1	15.5	134.9	15.0	129.0	14.7	123.1	14.3	113.9	13.6
	35	32	156.0	15.3	144.1	14.7	134.9	14.2	129.0	13.9	123.1	13.5	113.9	12.9
	39	36	156.0	14.4	144.1	13.9	134.9	13.5	129.0	13.1	123.1	12.8	113.9	12.2
	44	40	156.0	13.6	144.1	13.1	134.9	12.7	129.0	12.4	123.1	12.1	113.9	11.5
	47	43	156.0	13.0	144.1	12.5	134.9	12.1	129.0	11.8	123.1	11.5	113.9	11.0
	51	47	156.0	12.2	144.1	11.7	134.9	11.3	129.0	11.1	123.1	10.8	113.9	10.3
	54	50	156.0	11.5	144.1	11.1	134.9	10.8	129.0	10.5	123.1	10.2	113.9	9.8
	57	53	156.0	10.9	144.1	10.5	134.9	10.2	129.0	9.9	123.1	9.7	113.9	9.3
	60	56	156.0	10.3	144.1	9.9	134.9	9.6	129.0	9.4	123.1	9.1	113.9	8.7
50	-12.6	-13	106.0	17.1	105.5	17.9	105.2	18.5	104.9	18.9	102.6	18.9	94.9	18.1
	-9	-9.4	118.9	18.3	118.4	19.2	112.4	18.9	107.5	18.5	102.6	18.0	94.9	17.3
	-3.64	-4	127.8	19.1	120.1	18.8	112.4	18.3	107.5	17.9	102.6	17.5	94.9	16.8
	-1.84	-2.2	130.0	19.1	120.1	18.5	112.4	18.0	107.5	17.6	102.6	17.2	94.9	16.5
	5.5	5	130.0	17.8	120.1	17.3	112.4	16.8	107.5	16.4	102.6	16.0	94.9	15.4
	9.5	8.5	130.0	17.2	120.1	16.7	112.4	16.2	107.5	15.8	102.6	15.5	94.9	14.9
	13	12	130.0	16.6	120.1	16.1	112.4	15.6	107.5	15.3	102.6	14.9	94.9	14.3
	15	14	130.0	16.2	120.1	15.7	112.4	15.3	107.5	14.9	102.6	14.6	94.9	14.0
	17	15.5	130.0	16.0	120.1	15.5	112.4	15.0	107.5	14.7	102.6	14.4	94.9	13.8
	19	18	130.0	15.5	120.1	15.0	112.4	14.6	107.5	14.3	102.6	14.0	94.9	13.4
	22	20	130.0	15.2	120.1	14.7	112.4	14.3	107.5	14.0	102.6	13.6	94.9	13.1
	26	24	130.0	14.5	120.1	14.0	112.4	13.6	107.5	13.3	102.6	13.0	94.9	12.5
	30	28	130.0	13.8	120.1	13.3	112.4	12.9	107.5	12.7	102.6	12.4	94.9	11.9
	35	32	130.0	13.1	120.1	12.6	112.4	12.3	107.5	12.0	102.6	11.7	94.9	11.3
	39	36	130.0	12.4	120.1	12.0	112.4	11.6	107.5	11.4	102.6	11.1	94.9	10.7
	44	40	130.0	11.6	120.1	11.3	112.4	10.9	107.5	10.7	102.6	10.5	94.9	10.0
	47	43	130.0	11.1	120.1	10.8	112.4	10.4	107.5	10.2	102.6	10.0	94.9	9.6
	51	47	130.0	10.4	120.1	10.1	112.4	9.8	107.5	9.6	102.6	9.3	94.9	9.0
	54	50	130.0	9.9	120.1	9.6	112.4	9.3	107.5	9.1	102.6	8.9	94.9	8.5
	57	53	130.0	9.3	120.1	9.1	112.4	8.8	107.5	8.6	102.6	8.4	94.9	8.1
	60	56	130.0	8.8	120.1	8.5	112.4	8.3	107.5	8.1	102.6	7.9	94.9	7.6

Tc: Total Capacity PI: Power Input

Table 154 - 38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	111.0	11.7	110.5	12.3	110.2	12.7	109.9	12.9	109.7	13.2	109.3	13.6
	-9	-9.4	124.6	12.5	124.1	13.1	123.7	13.5	123.4	13.8	123.1	14.1	122.7	14.6
	-3.64	-4	133.9	13.0	133.3	13.6	132.9	14.1	132.6	14.4	132.3	14.7	131.9	15.1
	-1.84	-2.2	138.6	13.3	138.0	13.9	137.6	14.4	137.3	14.7	137.0	15.0	136.5	15.4
	5.5	5	158.0	14.2	157.3	14.9	156.8	15.4	156.5	15.7	156.1	16.0	155.6	16.5
	9.5	8.5	167.7	14.6	167.0	15.3	166.4	15.8	166.0	16.1	165.7	16.5	165.1	17.0
	13	12	177.5	15.0	176.8	15.7	176.2	16.2	175.8	16.6	175.4	16.9	174.8	17.4
	15	14	183.2	15.2	182.5	15.9	181.9	16.5	181.5	16.8	181.1	17.1	180.5	17.7
	17	15.5	187.6	15.4	186.8	16.1	186.1	16.6	185.8	17.0	185.4	17.3	184.7	17.8
	19	18	194.8	15.6	194.0	16.3	193.4	16.9	193.0	17.2	192.5	17.6	191.9	18.1
150	22	20	200.7	15.8	199.9	16.5	199.2	17.0	198.8	17.4	198.4	17.7	197.7	18.3
	26	24	212.7	16.1	211.8	16.8	211.1	17.4	210.6	17.7	210.2	18.1	209.5	18.6
	30	28	224.9	16.3	223.9	17.0	223.2	17.6	222.7	18.0	222.2	18.3	219.2	18.7
	35	32	237.3	16.5	236.3	17.2	235.5	17.8	235.0	18.2	234.5	18.5	219.2	17.7
	39	36	249.9	16.6	248.9	17.3	248.1	17.9	247.5	18.3	236.8	17.7	219.2	16.8
	44	40	262.8	16.6	261.7	17.4	259.7	17.9	248.3	17.3	236.8	16.7	219.2	15.8
	47	43	272.6	16.6	271.5	17.3	259.7	17.0	248.3	16.5	236.8	16.0	219.2	15.1
	51	47	285.9	16.5	277.3	16.7	259.7	16.0	248.3	15.5	236.8	15.0	219.2	14.1
	54	50	296.1	16.3	277.3	15.8	259.7	15.1	248.3	14.7	236.8	14.2	219.2	13.4
	57	53	300.2	15.7	277.3	15.0	259.7	14.3	248.3	13.9	236.8	13.4	219.2	12.7
	60	56	300.2	14.8	277.3	14.1	259.7	13.5	248.3	13.1	236.8	12.7	219.2	12.0
	-12.6	-13	110.5	12.4	110.1	13.0	109.7	13.4	109.5	13.7	109.2	14.0	108.9	14.4
	-9	-9.4	124.1	13.3	123.6	13.9	123.1	14.3	122.9	14.6	122.6	14.9	122.2	15.4
	-3.64	-4	133.3	13.8	132.8	14.4	132.3	14.9	132.1	15.2	131.8	15.6	131.3	16.0
	-1.84	-2.2	138.0	14.1	137.5	14.7	137.0	15.2	136.7	15.5	136.4	15.9	136.0	16.3
	5.5	5	157.3	15.0	156.7	15.7	156.1	16.3	155.8	16.6	155.5	17.0	155.0	17.5
	9.5	8.5	167.0	15.5	166.3	16.2	165.7	16.7	165.4	17.1	165.0	17.4	164.5	18.0
	13	12	176.8	15.9	176.0	16.6	175.5	17.2	175.1	17.5	174.7	17.9	174.1	18.5
	15	14	182.5	16.1	181.7	16.8	181.1	17.4	180.7	17.8	180.3	18.1	179.7	18.7
	17	15.5	186.8	16.3	186.0	17.0	185.4	17.6	185.0	17.9	184.6	18.3	184.0	18.9
	19	18	194.0	16.5	193.2	17.3	192.6	17.8	192.2	18.2	191.8	18.6	191.1	19.2
140	22	20	199.9	16.7	199.1	17.4	198.4	18.0	198.0	18.4	197.5	18.8	196.9	19.4
	26	24	211.8	17.0	210.9	17.8	210.2	18.4	209.8	18.8	209.3	19.1	208.6	19.7
	30	28	223.9	17.2	223.0	18.0	222.3	18.6	221.8	19.0	221.3	19.4	218.3	19.8
	35	32	236.3	17.4	235.3	18.2	234.5	18.8	234.0	19.2	233.5	19.6	218.3	18.7
	39	36	248.9	17.5	247.9	18.3	247.0	19.0	246.5	19.4	235.9	18.8	218.3	17.7
	44	40	261.7	17.6	260.6	18.4	258.6	18.9	247.2	18.3	235.9	17.7	218.3	16.7
	47	43	271.5	17.6	270.4	18.4	258.6	18.0	247.2	17.5	235.9	16.9	218.3	16.0
	51	47	284.8	17.4	276.2	17.6	258.6	16.9	247.2	16.4	235.9	15.8	218.3	14.9
	54	50	294.8	17.3	276.2	16.7	258.6	16.0	247.2	15.5	235.9	15.0	218.3	14.2
	57	53	299.0	16.6	276.2	15.8	258.6	15.2	247.2	14.7	235.9	14.2	218.3	13.4
	60	56	299.0	15.7	276.2	14.9	258.6	14.3	247.2	13.9	235.9	13.4	218.3	12.7
	-12.6	-13	110.1	13.1	109.6	13.7	109.2	14.2	109.0	14.5	108.8	14.8	108.4	15.2
	-9	-9.4	123.6	14.0	123.0	14.6	122.6	15.1	122.4	15.5	122.1	15.8	121.7	16.3
	-3.64	-4	132.8	14.6	132.2	15.2	131.8	15.8	131.5	16.1	131.2	16.4	130.8	16.9
	-1.84	-2.2	137.5	14.8	136.9	15.5	136.4	16.0	136.1	16.4	135.9	16.7	135.4	17.2
	5.5	5	156.7	15.9	156.0	16.6	155.5	17.2	155.2	17.5	154.8	17.9	154.3	18.4
	9.5	8.5	166.3	16.3	165.6	17.1	165.0	17.7	164.7	18.0	164.3	18.4	163.8	19.0
	13	12	176.1	16.8	175.3	17.5	174.7	18.1	174.4	18.5	174.0	18.9	173.4	19.5
	15	14	181.7	17.0	181.0	17.8	180.4	18.4	180.0	18.8	179.6	19.1	179.0	19.7
	17	15.5	186.0	17.1	185.2	17.9	184.6	18.5	184.2	18.9	183.8	19.3	183.2	19.9
	19	18	193.2	17.4	192.4	18.2	191.8	18.8	191.4	19.2	191.0	19.6	190.3	20.2
130	22	20	199.1	17.6	198.2	18.4	197.6	19.0	197.2	19.4	196.7	19.8	196.1	20.4
	26	24	210.9	17.9	210.0	18.7	209.3	19.4	208.9	19.8	208.4	20.2	207.8	20.8
	30	28	223.0	18.2	222.1	19.0	221.3	19.7	220.9	20.1	220.4	20.5	217.4	20.8
	35	32	235.3	18.4	234.3	19.2	233.6	19.9	233.1	20.3	232.6	20.7	217.4	19.8
	39	36	247.9	18.5	246.8	19.3	246.0	20.0	245.5	20.4	234.9	19.8	217.4	18.7
	44	40	260.7	18.5	259.6	19.4	257.5	19.9	246.2	19.3	234.9	18.7	217.4	17.6
	47	43	270.4	18.5	269.2	19.4	257.5	19.0	246.2	18.4	234.9	17.8	217.4	16.8
	51	47	283.6	18.4	275.1	18.6	257.5	17.8	246.2	17.3	234.9	16.7	217.4	15.8
	54	50	293.6	18.2	275.1	17.7	257.5	16.9	246.2	16.4	234.9	15.8	217.4	15.0
	57	53	297.7	17.5	275.1	16.7	257.5	16.0	246.2	15.5	234.9	15.0	217.4	14.1
	60	56	297.7	16.6	275.1	15.8	257.5	15.1	246.2	14.6	234.9	14.1	217.4	13.3

Tc: Total Capacity PI: Power Input

Table 155 - 38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	109.6	13.8	109.2	14.4	108.8	14.9	108.6	15.2	108.3	15.5	108.0	16.0
	-9	-9.4	123.1	14.7	122.5	15.4	122.1	15.9	121.9	16.3	121.6	16.6	121.2	17.1
	-3.64	-4	132.2	15.3	131.7	16.0	131.2	16.6	131.0	16.9	130.7	17.3	130.2	17.8
	-1.84	-2.2	136.9	15.6	136.3	16.3	135.9	16.9	135.6	17.2	135.3	17.6	134.8	18.1
	5.5	5	156.0	16.7	155.4	17.5	154.8	18.1	154.5	18.4	154.2	18.8	153.7	19.4
	9.5	8.5	165.6	17.2	164.9	18.0	164.3	18.6	164.0	19.0	163.6	19.4	163.1	19.9
	13	12	175.3	17.6	174.6	18.4	174.0	19.1	173.6	19.5	173.3	19.9	172.7	20.5
	15	14	181.0	17.9	180.2	18.7	179.6	19.3	179.2	19.7	178.8	20.1	178.2	20.7
	17	15.5	185.2	18.0	184.5	18.9	183.8	19.5	183.4	19.9	183.1	20.3	182.4	20.9
	19	18	192.4	18.3	191.6	19.1	191.0	19.8	190.6	20.2	190.2	20.6	189.5	21.2
120	22	20	198.2	18.5	197.4	19.3	196.8	20.0	196.3	20.4	195.9	20.8	195.3	21.5
	26	24	210.1	18.8	209.2	19.7	208.5	20.4	208.0	20.8	207.6	21.2	206.9	21.9
	30	28	222.1	19.1	221.1	20.0	220.4	20.7	219.9	21.1	219.5	21.5	216.5	21.9
	35	32	234.4	19.3	233.4	20.2	232.6	20.9	232.1	21.3	231.6	21.7	216.5	20.8
	39	36	246.9	19.4	245.8	20.3	245.0	21.0	244.5	21.4	233.9	20.8	216.5	19.7
	44	40	259.6	19.5	258.5	20.4	256.5	20.9	245.2	20.3	233.9	19.6	216.5	18.5
	47	43	269.3	19.4	268.1	20.3	256.5	20.0	245.2	19.4	233.9	18.7	216.5	17.7
	51	47	282.4	19.3	273.9	19.5	256.5	18.7	245.2	18.1	233.9	17.5	216.5	16.6
	54	50	292.4	19.1	273.9	18.6	256.5	17.8	245.2	17.2	233.9	16.6	216.5	15.7
	57	53	296.5	18.4	273.9	17.6	256.5	16.8	245.2	16.3	233.9	15.7	216.5	14.9
	60	56	296.5	17.4	273.9	16.6	256.5	15.8	245.2	15.4	233.9	14.9	216.5	14.0
	-12.6	-13	109.2	14.4	108.7	15.1	108.3	15.6	108.1	16.0	107.9	16.3	107.5	16.8
	-9	-9.4	122.5	15.4	122.0	16.1	121.6	16.7	121.4	17.1	121.1	17.4	120.7	17.9
	-3.64	-4	131.7	16.1	131.1	16.8	130.7	17.4	130.4	17.7	130.1	18.1	129.7	18.7
	-1.84	-2.2	136.3	16.4	135.8	17.1	135.3	17.7	135.0	18.1	134.7	18.4	134.3	19.0
	5.5	5	155.4	17.5	154.7	18.3	154.2	18.9	153.9	19.3	153.5	19.7	153.0	20.3
	9.5	8.5	164.9	18.0	164.2	18.8	163.6	19.5	163.3	19.9	162.9	20.3	162.4	20.9
	13	12	174.6	18.5	173.8	19.3	173.3	20.0	172.9	20.4	172.5	20.8	172.0	21.5
	15	14	180.2	18.7	179.4	19.6	178.9	20.2	178.5	20.7	178.1	21.1	177.5	21.7
	17	15.5	184.5	18.9	183.7	19.8	183.1	20.4	182.7	20.9	182.3	21.3	181.7	21.9
	19	18	191.6	19.2	190.8	20.1	190.2	20.7	189.8	21.2	189.4	21.6	188.7	22.3
110	22	20	197.4	19.4	196.6	20.3	195.9	21.0	195.5	21.4	195.1	21.8	194.4	22.5
	26	24	209.2	19.7	208.3	20.6	207.6	21.3	207.2	21.8	206.7	22.2	206.0	22.9
	30	28	221.2	20.0	220.2	21.0	219.5	21.7	219.0	22.1	218.6	22.6	215.6	23.0
	35	32	233.4	20.2	232.4	21.2	231.6	21.9	231.1	22.3	230.6	22.8	215.6	21.8
	39	36	245.8	20.4	244.8	21.3	244.0	22.0	243.4	22.5	232.9	21.8	215.6	20.6
	44	40	258.5	20.4	257.4	21.3	255.4	21.9	244.2	21.3	232.9	20.6	215.6	19.4
	47	43	268.1	20.4	267.0	21.3	255.4	20.9	244.2	20.3	232.9	19.6	215.6	18.5
	51	47	281.2	20.2	272.8	20.5	255.4	19.6	244.2	19.0	232.9	18.4	215.6	17.4
	54	50	291.2	20.1	272.8	19.4	255.4	18.6	244.2	18.0	232.9	17.4	215.6	16.5
	57	53	295.2	19.3	272.8	18.4	255.4	17.6	244.2	17.1	232.9	16.5	215.6	15.6
	60	56	295.2	18.2	272.8	17.3	255.4	16.6	244.2	16.1	232.9	15.6	215.6	14.7
	-12.6	-13	108.7	15.1	108.2	15.8	107.9	16.4	107.7	16.7	107.4	17.1	107.1	17.6
	-9	-9.4	122.0	16.1	121.5	16.9	121.1	17.5	120.8	17.8	120.6	18.2	120.2	18.8
	-3.64	-4	131.1	16.8	130.6	17.6	130.1	18.2	129.9	18.6	129.6	18.9	129.2	19.5
	-1.84	-2.2	135.8	17.1	135.2	17.9	134.7	18.5	134.4	18.9	134.2	19.3	133.7	19.9
	5.5	5	154.7	18.3	154.1	19.1	153.6	19.8	153.2	20.2	152.9	20.6	152.4	21.3
	9.5	8.5	164.2	18.8	163.5	19.7	163.0	20.4	162.6	20.8	162.3	21.2	161.7	21.9
	13	12	173.9	19.3	173.1	20.2	172.5	20.9	172.2	21.3	171.8	21.8	171.2	22.4
	15	14	179.5	19.6	178.7	20.5	178.1	21.2	177.7	21.6	177.3	22.1	176.7	22.7
	17	15.5	183.7	19.8	182.9	20.7	182.3	21.4	181.9	21.8	181.5	22.3	180.9	22.9
	19	18	190.8	20.1	190.0	21.0	189.4	21.7	189.0	22.1	188.6	22.6	187.9	23.3
100	22	20	196.6	20.3	195.8	21.2	195.1	21.9	194.7	22.4	194.3	22.8	193.6	23.5
	26	24	208.3	20.6	207.4	21.6	206.7	22.3	206.3	22.8	205.8	23.2	205.2	24.0
	30	28	220.2	20.9	219.3	21.9	218.6	22.6	218.1	23.1	217.6	23.6	214.5	24.0
	35	32	232.4	21.2	231.4	22.1	230.6	22.9	230.1	23.3	229.7	23.8	214.5	22.8
	39	36	244.8	21.3	243.7	22.3	242.9	23.0	242.4	23.5	231.8	22.8	214.5	21.5
	44	40	257.4	21.3	256.3	22.3	254.2	22.9	243.0	22.2	231.8	21.5	214.5	20.3
	47	43	267.0	21.3	265.9	22.3	254.2	21.9	243.0	21.2	231.8	20.5	214.5	19.4
	51	47	280.0	21.2	271.5	21.4	254.2	20.5	243.0	19.9	231.8	19.2	214.5	18.1
	54	50	290.0	21.0	271.5	20.3	254.2	19.4	243.0	18.8	231.8	18.2	214.5	17.2
	57	53	293.8	20.2	271.5	19.2	254.2	18.4	243.0	17.8	231.8	17.2	214.5	16.3
	60	56	293.8	19.0	271.5	18.1	254.2	17.3	243.0	16.8	231.8	16.3	214.5	15.4

Tc: Total Capacity PI: Power Input

Table 156- 38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	108.2	15.8	107.8	16.5	107.4	17.1	107.2	17.4	107.0	17.8	106.6	18.4
	-9	-9.4	121.5	16.8	121.0	17.6	120.6	18.2	120.3	18.6	120.1	19.0	119.7	19.6
	-3.64	-4	130.6	17.5	130.0	18.3	129.6	19.0	129.3	19.4	129.0	19.8	128.6	20.4
	-1.84	-2.2	135.2	17.9	134.6	18.7	134.2	19.3	133.9	19.7	133.6	20.1	133.1	20.8
	5.5	5	154.1	19.1	153.4	20.0	152.9	20.7	152.6	21.1	152.2	21.5	151.7	22.2
	9.5	8.5	163.5	19.6	162.8	20.6	162.3	21.2	161.9	21.7	161.6	22.1	161.0	22.8
	13	12	173.1	20.2	172.4	21.1	171.8	21.8	171.5	22.3	171.1	22.7	170.5	23.4
	15	14	178.7	20.4	177.9	21.4	177.4	22.1	177.0	22.5	176.6	23.0	176.0	23.7
	17	15.5	182.9	20.6	182.1	21.6	181.5	22.3	181.1	22.8	180.8	23.2	180.2	23.9
	19	18	190.0	20.9	189.2	21.9	188.6	22.6	188.2	23.1	187.8	23.6	187.1	24.3
	22	20	195.8	21.1	194.9	22.1	194.3	22.9	193.9	23.3	193.5	23.8	192.8	24.5
	26	24	207.4	21.5	206.5	22.5	205.9	23.3	205.4	23.8	205.0	24.2	193.1	23.4
	30	28	219.3	21.8	218.4	22.8	217.6	23.6	217.2	24.1	208.6	23.5	193.1	22.3
	35	32	231.4	22.1	230.4	23.1	228.8	23.7	218.7	23.1	208.6	22.3	193.1	21.1
	39	36	243.8	22.2	242.7	23.2	228.8	22.5	218.7	21.8	208.6	21.1	193.1	20.0
	44	40	256.3	22.2	244.3	22.1	228.8	21.2	218.7	20.6	208.6	19.9	193.1	18.9
	47	43	264.5	22.1	244.3	21.1	228.8	20.2	218.7	19.6	208.6	19.0	193.1	18.0
	51	47	264.5	20.7	244.3	19.7	228.8	18.9	218.7	18.4	208.6	17.8	193.1	16.8
	54	50	264.5	19.6	244.3	18.7	228.8	18.0	218.7	17.4	208.6	16.9	193.1	16.0
	57	53	264.5	18.5	244.3	17.7	228.8	17.0	218.7	16.5	208.6	16.0	193.1	15.1
	60	56	264.5	17.5	244.3	16.7	228.8	16.0	218.7	15.6	208.6	15.1	193.1	14.3
80	-12.6	-13	107.8	16.4	107.3	17.2	107.0	17.8	106.7	18.2	106.5	18.5	106.2	19.1
	-9	-9.4	121.0	17.5	120.5	18.4	120.1	19.0	119.8	19.4	119.6	19.8	119.2	20.4
	-3.64	-4	130.0	18.3	129.5	19.1	129.0	19.8	128.8	20.2	128.5	20.6	128.1	21.2
	-1.84	-2.2	134.6	18.6	134.0	19.5	133.6	20.1	133.3	20.6	133.0	21.0	132.6	21.6
	5.5	5	153.4	19.9	152.8	20.8	152.3	21.5	151.9	22.0	151.6	22.4	151.1	23.1
	9.5	8.5	162.8	20.5	162.1	21.4	161.6	22.1	161.2	22.6	160.9	23.1	160.4	23.8
	13	12	172.4	21.0	171.7	21.9	171.1	22.7	170.7	23.2	170.4	23.6	169.8	24.4
	15	14	177.9	21.3	177.2	22.2	176.6	23.0	176.2	23.5	175.8	24.0	171.6	24.1
	17	15.5	182.1	21.5	181.4	22.4	180.8	23.2	180.4	23.7	180.0	24.2	171.6	23.7
	19	18	189.2	21.8	188.4	22.8	187.8	23.5	187.4	24.0	185.5	24.3	171.6	23.1
	22	20	194.9	22.0	194.1	23.0	193.5	23.8	193.0	24.3	185.5	23.7	171.6	22.6
	26	24	206.5	22.4	205.7	23.4	203.3	24.0	194.4	23.3	185.5	22.6	171.6	21.5
	30	28	218.4	22.7	217.2	23.7	203.3	22.8	194.4	22.2	185.5	21.5	171.6	20.5
	35	32	230.4	23.0	217.2	22.5	203.3	21.7	194.4	21.1	185.5	20.4	171.6	19.4
	39	36	235.1	22.2	217.2	21.3	203.3	20.5	194.4	19.9	185.5	19.3	171.6	18.3
	44	40	235.1	21.0	217.2	20.1	203.3	19.3	194.4	18.8	185.5	18.2	171.6	17.3
	47	43	235.1	20.0	217.2	19.2	203.3	18.4	194.4	17.9	185.5	17.4	171.6	16.5
	51	47	235.1	18.7	217.2	17.9	203.3	17.3	194.4	16.8	185.5	16.3	171.6	15.5
	54	50	235.1	17.8	217.2	17.0	203.3	16.4	194.4	15.9	185.5	15.4	171.6	14.7
	57	53	235.1	16.8	217.2	16.1	203.3	15.5	194.4	15.1	185.5	14.6	171.6	13.9
	60	56	235.1	15.9	217.2	15.2	203.3	14.6	194.4	14.2	185.5	13.8	171.6	13.1
70	-12.6	-13	107.3	17.1	106.9	17.9	106.5	18.5	106.3	18.9	106.1	19.3	105.7	19.9
	-9	-9.4	120.5	18.2	120.0	19.1	119.6	19.7	119.3	20.2	119.1	20.6	118.7	21.2
	-3.64	-4	129.5	19.0	128.9	19.9	128.5	20.5	128.2	21.0	127.9	21.4	127.5	22.1
	-1.84	-2.2	134.0	19.3	133.5	20.2	133.0	20.9	132.7	21.4	132.5	21.8	132.0	22.5
	5.5	5	152.8	20.7	152.1	21.6	151.6	22.4	151.3	22.8	151.0	23.3	150.2	24.0
	9.5	8.5	162.1	21.3	161.4	22.2	160.9	23.0	160.6	23.5	160.2	24.0	150.2	23.1
	13	12	171.7	21.8	170.9	22.8	170.4	23.6	170.0	24.1	162.3	23.4	150.2	22.3
	15	14	177.2	22.1	176.4	23.1	175.8	23.9	170.1	23.6	162.3	22.9	150.2	21.8
	17	15.5	181.4	22.3	180.6	23.3	177.9	23.8	170.1	23.2	162.3	22.5	150.2	21.5
	19	18	188.4	22.6	187.6	23.7	177.9	23.1	170.1	22.5	162.3	21.9	150.2	20.9
	22	20	194.1	22.9	190.0	23.5	177.9	22.6	170.1	22.0	162.3	21.4	150.2	20.4
	26	24	205.7	23.3	190.0	22.4	177.9	21.6	170.1	21.0	162.3	20.4	150.2	19.5
	30	28	205.7	22.1	190.0	21.3	177.9	20.5	170.1	20.0	162.3	19.4	150.2	18.5
	35	32	205.7	21.0	190.0	20.2	177.9	19.5	170.1	19.0	162.3	18.4	150.2	17.5
	39	36	205.7	19.9	190.0	19.1	177.9	18.4	170.1	17.9	162.3	17.4	150.2	16.6
	44	40	205.7	18.7	190.0	18.0	177.9	17.3	170.1	16.9	162.3	16.4	150.2	15.6
	47	43	205.7	17.9	190.0	17.2	177.9	16.6	170.1	16.1	162.3	15.7	150.2	14.9
	51	47	205.7	16.7	190.0	16.1	177.9	15.5	170.1	15.1	162.3	14.7	150.2	14.0
	54	50	205.7	15.9	190.0	15.3	177.9	14.7	170.1	14.3	162.3	13.9	150.2	13.3
	57	53	205.7	15.0	190.0	14.4	177.9	13.9	170.1	13.6	162.3	13.2	150.2	12.6
	60	56	205.7	14.2	190.0	13.6	177.9	13.1	170.1	12.8	162.3	12.4	150.2	11.8

Tc: Total Capacity PI: Power Input

Table 157 - 38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	106.9	17.7	106.4	18.6	106.1	19.2	105.8	19.6	105.6	20.0	105.3	20.6
	-9	-9.4	120.0	18.9	119.5	19.8	119.1	20.5	118.8	20.9	118.5	21.4	118.2	22.0
	-3.64	-4	128.9	19.7	128.4	20.6	127.9	21.3	127.7	21.8	127.4	22.2	127.0	22.9
	-1.84	-2.2	133.5	20.1	132.9	21.0	132.5	21.7	132.2	22.2	131.9	22.6	128.7	22.8
	5.5	5	152.1	21.4	151.5	22.4	151.0	23.2	145.8	22.9	139.1	22.3	128.7	21.3
	9.5	8.5	161.4	22.0	160.7	23.1	152.5	22.6	145.8	22.1	139.1	21.5	128.7	20.6
	13	12	170.9	22.6	162.9	22.6	152.5	21.8	145.8	21.3	139.1	20.7	128.7	19.8
	15	14	176.3	22.9	162.9	22.1	152.5	21.3	145.8	20.8	139.1	20.3	128.7	19.4
	17	15.5	176.3	22.5	162.9	21.7	152.5	21.0	145.8	20.5	139.1	20.0	128.7	19.1
	19	18	176.3	21.9	162.9	21.1	152.5	20.4	145.8	19.9	139.1	19.4	128.7	18.6
	22	20	176.3	21.4	162.9	20.6	152.5	20.0	145.8	19.5	139.1	19.0	128.7	18.1
	26	24	176.3	20.4	162.9	19.7	152.5	19.0	145.8	18.6	139.1	18.1	128.7	17.3
	30	28	176.3	19.4	162.9	18.7	152.5	18.1	145.8	17.7	139.1	17.2	128.7	16.4
	35	32	176.3	18.4	162.9	17.7	152.5	17.2	145.8	16.8	139.1	16.3	128.7	15.6
	39	36	176.3	17.4	162.9	16.8	152.5	16.2	145.8	15.8	139.1	15.4	128.7	14.8
	44	40	176.3	16.4	162.9	15.8	152.5	15.3	145.8	14.9	139.1	14.6	128.7	13.9
	47	43	176.3	15.7	162.9	15.1	152.5	14.6	145.8	14.3	139.1	13.9	128.7	13.3
	51	47	176.3	14.7	162.9	14.1	152.5	13.7	145.8	13.4	139.1	13.0	128.7	12.4
	54	50	176.3	13.9	162.9	13.4	152.5	13.0	145.8	12.7	139.1	12.3	128.7	11.8
	57	53	176.3	13.2	162.9	12.7	152.5	12.3	145.8	12.0	139.1	11.7	128.7	11.2
	60	56	176.3	12.4	162.9	12.0	152.5	11.6	145.8	11.3	139.1	11.0	128.7	10.5
50	-12.6	-13	106.4	18.4	106.0	19.2	105.6	19.9	105.4	20.3	105.2	20.7	104.8	21.4
	-9	-9.4	119.5	19.6	118.9	20.5	118.5	21.2	118.3	21.7	115.9	21.7	107.3	20.9
	-3.64	-4	128.4	20.4	127.8	21.3	127.1	22.0	121.5	21.5	115.9	21.0	107.3	20.2
	-1.84	-2.2	132.9	20.8	132.3	21.7	127.1	21.7	121.5	21.2	115.9	20.7	107.3	19.9
	5.5	5	146.9	21.5	135.7	20.8	127.1	20.2	121.5	19.8	115.9	19.3	107.3	18.5
	9.5	8.5	146.9	20.8	135.7	20.1	127.1	19.5	121.5	19.1	115.9	18.6	107.3	17.9
	13	12	146.9	20.0	135.7	19.4	127.1	18.8	121.5	18.4	115.9	18.0	107.3	17.3
	15	14	146.9	19.6	135.7	19.0	127.1	18.4	121.5	18.0	115.9	17.6	107.3	16.9
	17	15.5	146.9	19.3	135.7	18.7	127.1	18.1	121.5	17.7	115.9	17.3	107.3	16.6
	19	18	146.9	18.7	135.7	18.1	127.1	17.6	121.5	17.2	115.9	16.8	107.3	16.2
	22	20	146.9	18.3	135.7	17.7	127.1	17.2	121.5	16.8	115.9	16.4	107.3	15.8
	26	24	146.9	17.4	135.7	16.9	127.1	16.4	121.5	16.1	115.9	15.7	107.3	15.1
	30	28	146.9	16.6	135.7	16.1	127.1	15.6	121.5	15.3	115.9	14.9	107.3	14.3
	35	32	146.9	15.7	135.7	15.2	127.1	14.8	121.5	14.5	115.9	14.1	107.3	13.6
	39	36	146.9	14.9	135.7	14.4	127.1	14.0	121.5	13.7	115.9	13.4	107.3	12.8
	44	40	146.9	14.0	135.7	13.6	127.1	13.2	121.5	12.9	115.9	12.6	107.3	12.1
	47	43	146.9	13.4	135.7	13.0	127.1	12.6	121.5	12.3	115.9	12.0	107.3	11.6
	51	47	146.9	12.5	135.7	12.1	127.1	11.8	121.5	11.5	115.9	11.3	107.3	10.8
	54	50	146.9	11.9	135.7	11.5	127.1	11.2	121.5	11.0	115.9	10.7	107.3	10.3
	57	53	146.9	11.3	135.7	10.9	127.1	10.6	121.5	10.4	115.9	10.1	107.3	9.7
	60	56	146.9	10.6	135.7	10.3	127.1	10.0	121.5	9.8	115.9	9.5	107.3	9.2

Tc: Total Capacity PI: Power Input

Table 158 - 38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	111.5	11.7	111.0	12.2	110.6	12.7	110.4	12.9	110.2	13.2	109.8	13.6
	-9	-9.4	125.1	12.5	124.6	13.1	124.2	13.5	123.9	13.8	123.6	14.1	123.2	14.5
	-3.64	-4	134.5	13.0	133.9	13.6	133.5	14.0	133.2	14.3	132.9	14.6	132.4	15.1
	-1.84	-2.2	139.2	13.2	138.6	13.8	138.2	14.3	137.9	14.6	137.6	14.9	137.1	15.4
	5.5	5	158.6	14.1	158.0	14.8	157.5	15.3	157.1	15.6	156.8	15.9	156.3	16.4
	9.5	8.5	168.4	14.5	167.7	15.2	167.1	15.7	166.7	16.0	166.4	16.4	165.8	16.9
	13	12	178.3	14.9	177.5	15.6	176.9	16.1	176.6	16.4	176.2	16.8	175.6	17.3
	15	14	184.0	15.1	183.2	15.8	182.6	16.3	182.2	16.6	181.8	17.0	181.2	17.5
	17	15.5	188.4	15.2	187.6	15.9	186.9	16.4	186.5	16.8	186.1	17.1	185.5	17.7
	19	18	195.7	15.4	194.8	16.1	194.2	16.7	193.8	17.0	193.4	17.4	192.7	17.9
150	22	20	201.6	15.6	200.7	16.3	200.1	16.9	199.6	17.2	199.2	17.6	198.5	18.1
	26	24	213.6	15.9	212.7	16.6	212.0	17.2	211.5	17.5	211.1	17.9	210.4	18.4
	30	28	225.8	16.1	224.9	16.8	224.1	17.4	223.6	17.8	223.2	18.1	222.4	18.7
	35	32	238.3	16.3	237.3	17.0	236.5	17.6	236.0	17.9	235.5	18.3	231.8	18.6
	39	36	251.0	16.3	249.9	17.1	249.1	17.7	248.6	18.0	248.0	18.4	231.8	17.6
	44	40	263.9	16.4	262.8	17.1	262.0	17.7	261.4	18.1	250.5	17.5	231.8	16.6
	47	43	273.8	16.3	272.6	17.1	271.7	17.6	262.6	17.3	250.5	16.7	231.8	15.8
	51	47	287.2	16.2	285.9	17.0	274.6	16.7	262.6	16.2	250.5	15.7	231.8	14.8
	54	50	297.3	16.1	293.3	16.6	274.6	15.9	262.6	15.4	250.5	14.9	231.8	14.1
	57	53	307.6	15.9	293.3	15.7	274.6	15.0	262.6	14.6	250.5	14.1	231.8	13.3
	60	56	317.5	15.6	293.3	14.8	274.6	14.2	262.6	13.7	250.5	13.3	231.8	12.5
	-12.6	-13	111.0	12.4	110.5	13.0	110.2	13.4	109.9	13.7	109.7	14.0	109.3	14.4
	-9	-9.4	124.6	13.2	124.1	13.8	123.7	14.3	123.4	14.6	123.1	14.9	122.7	15.4
	-3.64	-4	133.9	13.7	133.3	14.4	132.9	14.9	132.6	15.2	132.3	15.5	131.9	16.0
	-1.84	-2.2	138.6	14.0	138.0	14.6	137.6	15.1	137.3	15.5	137.0	15.8	136.5	16.3
	5.5	5	158.0	14.9	157.3	15.6	156.8	16.2	156.5	16.5	156.1	16.8	155.6	17.4
	9.5	8.5	167.7	15.4	167.0	16.1	166.4	16.6	166.1	17.0	165.7	17.3	165.1	17.8
	13	12	177.5	15.7	176.8	16.5	176.2	17.0	175.8	17.4	175.4	17.7	174.9	18.3
	15	14	183.3	16.0	182.5	16.7	181.9	17.3	181.5	17.6	181.1	18.0	180.5	18.5
	17	15.5	187.6	16.1	186.8	16.8	186.2	17.4	185.8	17.8	185.4	18.1	184.8	18.7
	19	18	194.9	16.3	194.0	17.1	193.4	17.7	193.0	18.0	192.6	18.4	191.9	19.0
140	22	20	200.8	16.5	199.9	17.3	199.2	17.8	198.8	18.2	198.4	18.6	197.7	19.2
	26	24	212.7	16.8	211.8	17.6	211.1	18.2	210.7	18.5	210.2	18.9	209.5	19.5
	30	28	224.9	17.0	223.9	17.8	223.2	18.4	222.7	18.8	222.2	19.2	221.5	19.8
	35	32	237.3	17.2	236.3	18.0	235.5	18.6	235.0	19.0	234.5	19.4	230.8	19.7
	39	36	250.0	17.3	248.9	18.1	248.1	18.7	247.6	19.1	247.0	19.5	230.8	18.6
	44	40	262.9	17.3	261.7	18.1	260.9	18.7	260.3	19.1	249.4	18.6	230.8	17.5
	47	43	272.7	17.3	271.5	18.1	270.6	18.7	261.5	18.3	249.4	17.7	230.8	16.7
	51	47	286.0	17.2	284.8	17.9	273.5	17.7	261.5	17.2	249.4	16.6	230.8	15.7
	54	50	296.1	17.0	292.1	17.6	273.5	16.8	261.5	16.3	249.4	15.7	230.8	14.9
	57	53	306.3	16.8	292.1	16.6	273.5	15.9	261.5	15.4	249.4	14.9	230.8	14.1
	60	56	316.2	16.5	292.1	15.7	273.5	15.0	261.5	14.5	249.4	14.1	230.8	13.3
	-12.6	-13	110.5	13.1	110.1	13.7	109.7	14.1	109.5	14.4	109.2	14.7	108.9	15.2
	-9	-9.4	124.1	13.9	123.6	14.6	123.2	15.1	122.9	15.4	122.6	15.7	122.2	16.2
	-3.64	-4	133.4	14.5	132.8	15.2	132.3	15.7	132.1	16.0	131.8	16.3	131.3	16.9
	-1.84	-2.2	138.1	14.8	137.5	15.4	137.0	16.0	136.7	16.3	136.4	16.6	136.0	17.2
	5.5	5	157.3	15.8	156.7	16.5	156.2	17.0	155.8	17.4	155.5	17.8	155.0	18.3
	9.5	8.5	167.0	16.2	166.3	17.0	165.7	17.5	165.4	17.9	165.0	18.3	164.5	18.8
	13	12	176.8	16.6	176.1	17.4	175.5	18.0	175.1	18.3	174.7	18.7	174.1	19.3
	15	14	182.5	16.8	181.7	17.6	181.1	18.2	180.7	18.6	180.3	19.0	179.7	19.5
	17	15.5	186.8	17.0	186.0	17.8	185.4	18.4	185.0	18.7	184.6	19.1	184.0	19.7
	19	18	194.1	17.2	193.2	18.0	192.6	18.6	192.2	19.0	191.8	19.4	191.1	20.0
130	22	20	199.9	17.4	199.1	18.2	198.4	18.8	198.0	19.2	197.6	19.6	196.9	20.2
	26	24	211.8	17.7	210.9	18.5	210.2	19.1	209.8	19.5	209.3	19.9	208.6	20.6
	30	28	224.0	18.0	223.0	18.8	222.3	19.4	221.8	19.8	221.3	20.2	220.6	20.8
	35	32	236.3	18.1	235.3	19.0	234.5	19.6	234.0	20.0	233.5	20.4	229.9	20.7
	39	36	248.9	18.2	247.9	19.1	247.1	19.7	246.5	20.1	246.0	20.5	229.9	19.6
	44	40	261.8	18.3	260.7	19.1	259.8	19.7	259.2	20.1	248.4	19.6	229.9	18.5
	47	43	271.5	18.2	270.4	19.1	269.5	19.7	260.4	19.3	248.4	18.7	229.9	17.6
	51	47	284.8	18.1	283.6	18.9	272.4	18.7	260.4	18.1	248.4	17.5	229.9	16.5
	54	50	294.9	17.9	290.9	18.5	272.4	17.7	260.4	17.2	248.4	16.6	229.9	15.7
	57	53	305.1	17.7	290.9	17.5	272.4	16.8	260.4	16.3	248.4	15.7	229.9	14.8
	60	56	314.9	17.4	290.9	16.5	272.4	15.8	260.4	15.3	248.4	14.8	229.9	14.0

Tc: Total Capacity PI: Power Input

Table 159 - 38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	110.1	13.7	109.6	14.4	109.3	14.9	109.0	15.2	108.8	15.5	108.4	16.0
	-9	-9.4	123.6	14.7	123.0	15.3	122.6	15.9	122.4	16.2	122.1	16.5	121.7	17.1
	-3.64	-4	132.8	15.2	132.2	16.0	131.8	16.5	131.5	16.8	131.2	17.2	130.8	17.7
	-1.84	-2.2	137.5	15.5	136.9	16.2	136.4	16.8	136.2	17.2	135.9	17.5	135.4	18.1
	5.5	5	156.7	16.6	156.0	17.3	155.5	17.9	155.2	18.3	154.8	18.7	154.3	19.3
	9.5	8.5	166.3	17.0	165.6	17.8	165.0	18.4	164.7	18.8	164.3	19.2	163.8	19.8
	13	12	176.1	17.5	175.3	18.3	174.7	18.9	174.4	19.3	174.0	19.7	173.4	20.3
	15	14	181.7	17.7	181.0	18.5	180.4	19.1	180.0	19.5	179.6	19.9	179.0	20.5
	17	15.5	186.0	17.9	185.2	18.7	184.6	19.3	184.2	19.7	183.8	20.1	183.2	20.7
	19	18	193.2	18.1	192.4	18.9	191.8	19.6	191.4	20.0	191.0	20.4	190.3	21.0
120	22	20	199.1	18.3	198.2	19.1	197.6	19.8	197.2	20.2	196.7	20.6	196.1	21.2
	26	24	210.9	18.6	210.0	19.5	209.4	20.1	208.9	20.5	208.5	21.0	207.8	21.6
	30	28	223.0	18.9	222.1	19.7	221.3	20.4	220.9	20.8	220.4	21.3	219.7	21.9
	35	32	235.3	19.1	234.3	19.9	233.6	20.6	233.1	21.0	232.6	21.5	228.9	21.8
	39	36	247.9	19.2	246.8	20.0	246.0	20.7	245.5	21.1	245.0	21.6	228.9	20.6
	44	40	260.7	19.2	259.6	20.1	258.7	20.7	258.2	21.2	247.4	20.6	228.9	19.4
	47	43	270.4	19.1	269.3	20.0	268.4	20.7	259.3	20.3	247.4	19.6	228.9	18.5
	51	47	283.6	19.0	282.4	19.9	271.2	19.6	259.3	19.0	247.4	18.4	228.9	17.4
	54	50	293.6	18.8	289.7	19.5	271.2	18.6	259.3	18.0	247.4	17.5	228.9	16.5
	57	53	303.8	18.6	289.7	18.4	271.2	17.6	259.3	17.1	247.4	16.5	228.9	15.6
	60	56	313.6	18.2	289.7	17.4	271.2	16.6	259.3	16.1	247.4	15.6	228.9	14.7
	-12.6	-13	109.6	14.4	109.2	15.1	108.8	15.6	108.6	15.9	108.3	16.3	108.0	16.8
	-9	-9.4	123.1	15.4	122.5	16.1	122.1	16.6	121.9	17.0	121.6	17.4	121.2	17.9
	-3.64	-4	132.2	16.0	131.7	16.7	131.2	17.3	131.0	17.7	130.7	18.0	130.3	18.6
	-1.84	-2.2	136.9	16.3	136.3	17.0	135.9	17.6	135.6	18.0	135.3	18.4	134.8	18.9
	5.5	5	156.0	17.4	155.4	18.2	154.9	18.8	154.5	19.2	154.2	19.6	153.7	20.2
	9.5	8.5	165.6	17.9	164.9	18.7	164.3	19.3	164.0	19.7	163.6	20.1	163.1	20.8
	13	12	175.3	18.3	174.6	19.2	174.0	19.8	173.6	20.2	173.3	20.6	172.7	21.3
	15	14	181.0	18.5	180.2	19.4	179.6	20.1	179.2	20.5	178.8	20.9	178.2	21.5
	17	15.5	185.2	18.7	184.5	19.6	183.8	20.2	183.5	20.7	183.1	21.1	182.5	21.7
	19	18	192.4	19.0	191.6	19.9	191.0	20.5	190.6	21.0	190.2	21.4	189.5	22.0
110	22	20	198.3	19.2	197.4	20.1	196.8	20.7	196.3	21.2	195.9	21.6	195.3	22.3
	26	24	210.1	19.5	209.2	20.4	208.5	21.1	208.0	21.5	207.6	22.0	206.9	22.7
	30	28	222.1	19.8	221.2	20.7	220.4	21.4	219.9	21.8	219.5	22.3	218.7	23.0
	35	32	234.4	20.0	233.4	20.9	232.6	21.6	232.1	22.0	231.6	22.5	228.0	22.8
	39	36	246.9	20.1	245.8	21.0	245.0	21.7	244.5	22.2	243.9	22.6	228.0	21.6
	44	40	259.6	20.1	258.5	21.0	257.6	21.7	257.1	22.2	246.3	21.6	228.0	20.4
	47	43	269.3	20.1	268.1	21.0	267.3	21.7	258.2	21.3	246.3	20.6	228.0	19.4
	51	47	282.4	19.9	281.2	20.8	270.1	20.6	258.2	19.9	246.3	19.3	228.0	18.2
	54	50	292.4	19.7	288.5	20.4	270.1	19.5	258.2	18.9	246.3	18.3	228.0	17.3
	57	53	302.5	19.5	288.5	19.3	270.1	18.5	258.2	17.9	246.3	17.3	228.0	16.3
	60	56	312.2	19.1	288.5	18.2	270.1	17.4	258.2	16.9	246.3	16.3	228.0	15.4
	-12.6	-13	109.2	15.1	108.7	15.8	108.3	16.3	108.1	16.7	107.9	17.0	107.5	17.6
	-9	-9.4	122.5	16.1	122.0	16.8	121.6	17.4	121.4	17.8	121.1	18.2	120.7	18.7
	-3.64	-4	131.7	16.7	131.1	17.5	130.7	18.1	130.4	18.5	130.1	18.9	129.7	19.5
	-1.84	-2.2	136.3	17.0	135.8	17.8	135.3	18.4	135.0	18.8	134.7	19.2	134.3	19.8
	5.5	5	155.4	18.2	154.7	19.0	154.2	19.7	153.9	20.1	153.5	20.5	153.0	21.1
	9.5	8.5	164.9	18.7	164.2	19.5	163.7	20.2	163.3	20.6	163.0	21.1	162.4	21.7
	13	12	174.6	19.1	173.9	20.0	173.3	20.7	172.9	21.1	172.5	21.6	172.0	22.2
	15	14	180.2	19.4	179.4	20.3	178.9	21.0	178.5	21.4	178.1	21.9	177.5	22.5
	17	15.5	184.5	19.6	183.7	20.5	183.1	21.2	182.7	21.6	182.3	22.1	181.7	22.7
	19	18	191.6	19.8	190.8	20.8	190.2	21.5	189.8	21.9	189.4	22.4	188.7	23.0
100	22	20	197.4	20.1	196.6	21.0	195.9	21.7	195.5	22.1	195.1	22.6	194.4	23.3
	26	24	209.2	20.4	208.3	21.3	207.6	22.1	207.2	22.5	206.7	23.0	206.0	23.7
	30	28	221.2	20.7	220.2	21.6	219.5	22.4	219.0	22.8	218.6	23.3	217.8	24.0
	35	32	233.4	20.9	232.4	21.8	231.6	22.6	231.1	23.0	230.6	23.5	226.9	23.9
	39	36	245.8	21.0	244.8	22.0	244.0	22.7	243.4	23.2	242.9	23.6	226.9	22.6
	44	40	258.5	21.0	257.4	22.0	256.5	22.7	256.0	23.2	245.2	22.5	226.9	21.3
	47	43	268.1	21.0	267.0	21.9	266.1	22.7	257.0	22.2	245.2	21.5	226.9	20.3
	51	47	281.2	20.8	280.0	21.8	268.8	21.5	257.0	20.8	245.2	20.1	226.9	19.0
	54	50	291.2	20.6	287.1	21.3	268.8	20.4	257.0	19.8	245.2	19.1	226.9	18.0
	57	53	301.3	20.3	287.1	20.1	268.8	19.3	257.0	18.7	245.2	18.1	226.9	17.1
	60	56	310.8	20.0	287.1	19.0	268.8	18.2	257.0	17.6	245.2	17.1	226.9	16.1

Tc: Total Capacity PI: Power Input

Table 160 - 38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	108.7	15.8	108.2	16.5	107.9	17.1	107.7	17.4	107.4	17.8	107.1	18.3
	-9	-9.4	122.0	16.8	121.5	17.6	121.1	18.2	120.8	18.6	120.6	19.0	120.2	19.5
	-3.64	-4	131.1	17.5	130.6	18.3	130.1	18.9	129.9	19.3	129.6	19.7	129.2	20.3
	-1.84	-2.2	135.8	17.8	135.2	18.6	134.7	19.2	134.4	19.6	134.2	20.0	133.7	20.7
	5.5	5	154.7	19.0	154.1	19.8	153.6	20.5	153.2	21.0	152.9	21.4	152.4	22.0
	9.5	8.5	164.2	19.5	163.5	20.4	163.0	21.1	162.6	21.5	162.3	22.0	161.7	22.7
	13	12	173.9	20.0	173.1	20.9	172.5	21.6	172.2	22.1	171.8	22.5	171.2	23.2
	15	14	179.5	20.2	178.7	21.2	178.1	21.9	177.7	22.3	177.3	22.8	176.7	23.5
	17	15.5	183.7	20.4	182.9	21.4	182.3	22.1	181.9	22.5	181.5	23.0	180.9	23.7
	19	18	190.8	20.7	190.0	21.7	189.4	22.4	189.0	22.9	188.6	23.3	187.9	24.0
	22	20	196.6	20.9	195.8	21.9	195.1	22.6	194.7	23.1	194.3	23.6	193.6	24.3
	26	24	208.3	21.3	207.4	22.3	206.7	23.0	206.3	23.5	205.8	24.0	204.2	24.6
	30	28	220.2	21.6	219.3	22.6	218.6	23.3	218.1	23.8	217.6	24.3	204.2	23.4
	35	32	232.4	21.8	231.4	22.8	230.6	23.5	230.1	24.0	220.7	23.4	204.2	22.2
	39	36	244.8	21.9	243.7	22.9	241.9	23.6	231.3	22.9	220.7	22.1	204.2	21.0
	44	40	257.4	21.9	256.3	22.9	241.9	22.2	231.3	21.6	220.7	20.9	204.2	19.8
	47	43	267.0	21.9	258.4	22.1	241.9	21.2	231.3	20.6	220.7	19.9	204.2	18.9
	51	47	279.7	21.7	258.4	20.7	241.9	19.8	231.3	19.3	220.7	18.7	204.2	17.7
	54	50	279.7	20.6	258.4	19.6	241.9	18.8	231.3	18.3	220.7	17.7	204.2	16.8
	57	53	279.7	19.5	258.4	18.6	241.9	17.8	231.3	17.3	220.7	16.8	204.2	15.9
	60	56	279.7	18.4	258.4	17.5	241.9	16.8	231.3	16.3	220.7	15.8	204.2	15.0
80	-12.6	-13	108.2	16.4	107.8	17.2	107.4	17.8	107.2	18.2	107.0	18.5	106.6	19.1
	-9	-9.4	121.5	17.5	121.0	18.3	120.6	18.9	120.3	19.3	120.1	19.7	119.7	20.4
	-3.64	-4	130.6	18.2	130.0	19.0	129.6	19.7	129.3	20.1	129.0	20.5	128.6	21.1
	-1.84	-2.2	135.2	18.5	134.6	19.4	134.2	20.0	133.9	20.5	133.6	20.9	133.1	21.5
	5.5	5	154.1	19.8	153.4	20.7	152.9	21.4	152.6	21.8	152.2	22.3	151.7	23.0
	9.5	8.5	163.5	20.3	162.8	21.2	162.3	22.0	161.9	22.4	161.6	22.9	161.0	23.6
	13	12	173.1	20.8	172.4	21.8	171.8	22.5	171.4	23.0	171.1	23.4	170.5	24.2
	15	14	178.7	21.1	177.9	22.0	177.3	22.8	177.0	23.3	176.6	23.7	176.0	24.5
	17	15.5	182.9	21.3	182.1	22.2	181.5	23.0	181.1	23.5	180.8	24.0	180.2	24.7
	19	18	190.0	21.6	189.2	22.5	188.6	23.3	188.2	23.8	187.8	24.3	181.5	24.2
	22	20	195.8	21.8	194.9	22.8	194.3	23.5	193.9	24.0	193.4	24.5	181.5	23.7
	26	24	207.4	22.2	206.5	23.2	205.8	24.0	205.4	24.5	196.1	23.7	181.5	22.6
	30	28	219.3	22.5	218.4	23.5	215.1	23.9	205.6	23.3	196.1	22.6	181.5	21.5
	35	32	231.4	22.7	229.7	23.6	215.1	22.7	205.6	22.1	196.1	21.4	181.5	20.3
	39	36	243.7	22.8	229.7	22.3	215.1	21.5	205.6	20.9	196.1	20.3	181.5	19.2
	44	40	248.6	22.0	229.7	21.1	215.1	20.3	205.6	19.7	196.1	19.1	181.5	18.1
	47	43	248.6	21.0	229.7	20.1	215.1	19.3	205.6	18.8	196.1	18.2	181.5	17.3
	51	47	248.6	19.7	229.7	18.8	215.1	18.1	205.6	17.6	196.1	17.1	181.5	16.2
	54	50	248.6	18.7	229.7	17.9	215.1	17.2	205.6	16.7	196.1	16.2	181.5	15.4
	57	53	248.6	17.7	229.7	16.9	215.1	16.3	205.6	15.8	196.1	15.3	181.5	14.6
	60	56	248.6	16.7	229.7	15.9	215.1	15.3	205.6	14.9	196.1	14.5	181.5	13.7
70	-12.6	-13	107.8	17.1	107.3	17.9	107.0	18.5	106.7	18.9	106.5	19.3	106.2	19.9
	-9	-9.4	121.0	18.2	120.5	19.0	120.1	19.7	119.8	20.1	119.6	20.5	119.2	21.2
	-3.64	-4	130.0	18.9	129.5	19.8	129.0	20.5	128.8	20.9	128.5	21.3	128.1	22.0
	-1.84	-2.2	134.6	19.2	134.0	20.1	133.6	20.8	133.3	21.3	133.0	21.7	132.6	22.4
	5.5	5	153.4	20.5	152.8	21.5	152.2	22.2	151.9	22.7	151.6	23.1	151.1	23.9
	9.5	8.5	162.8	21.1	162.1	22.1	161.6	22.8	161.2	23.3	160.9	23.8	158.8	24.3
	13	12	172.4	21.6	171.7	22.6	171.1	23.4	170.7	23.9	170.4	24.4	158.8	23.4
	15	14	177.9	21.9	177.2	22.9	176.6	23.7	176.2	24.2	171.6	24.0	158.8	22.9
	17	15.5	182.1	22.1	181.4	23.1	180.8	23.9	179.9	24.3	171.6	23.6	158.8	22.5
	19	18	189.2	22.4	188.4	23.4	187.8	24.2	179.9	23.6	171.6	23.0	158.8	21.9
	22	20	194.9	22.6	194.1	23.7	188.2	23.7	179.9	23.1	171.6	22.5	158.8	21.4
	26	24	206.5	23.0	201.0	23.5	188.2	22.6	179.9	22.0	171.6	21.4	158.8	20.4
	30	28	217.5	23.2	201.0	22.3	188.2	21.5	179.9	21.0	171.6	20.4	158.8	19.4
	35	32	217.5	22.0	201.0	21.2	188.2	20.4	179.9	19.9	171.6	19.3	158.8	18.4
	39	36	217.5	20.8	201.0	20.0	188.2	19.3	179.9	18.8	171.6	18.3	158.8	17.4
	44	40	217.5	19.6	201.0	18.9	188.2	18.2	179.9	17.7	171.6	17.2	158.8	16.4
	47	43	217.5	18.7	201.0	18.0	188.2	17.4	179.9	16.9	171.6	16.4	158.8	15.7
	51	47	217.5	17.6	201.0	16.9	188.2	16.3	179.9	15.8	171.6	15.4	158.8	14.7
	54	50	217.5	16.7	201.0	16.0	188.2	15.4	179.9	15.0	171.6	14.6	158.8	13.9
	57	53	217.5	15.8	201.0	15.1	188.2	14.6	179.9	14.2	171.6	13.8	158.8	13.2
	60	56	217.5	14.9	201.0	14.3	188.2	13.8	179.9	13.4	171.6	13.0	158.8	12.4

Tc: Total Capacity PI: Power Input

Table 161 - 38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	107.3	17.7	106.9	18.5	106.5	19.2	106.3	19.6	106.1	20.0	105.7	20.6
	-9	-9.4	120.5	18.9	120.0	19.8	119.6	20.4	119.3	20.9	119.1	21.3	118.7	22.0
	-3.64	-4	129.5	19.6	128.9	20.5	128.5	21.2	128.2	21.7	127.9	22.1	127.5	22.8
	-1.84	-2.2	134.0	20.0	133.5	20.9	133.0	21.6	132.7	22.1	132.5	22.5	132.0	23.2
	5.5	5	152.8	21.3	152.1	22.3	151.6	23.0	151.3	23.5	147.1	23.4	136.1	22.4
	9.5	8.5	162.1	21.9	161.4	22.9	160.9	23.7	154.2	23.2	147.1	22.6	136.1	21.6
	13	12	171.6	22.4	170.9	23.5	161.3	22.9	154.2	22.3	147.1	21.8	136.1	20.8
	15	14	177.2	22.7	172.3	23.2	161.3	22.4	154.2	21.9	147.1	21.3	136.1	20.4
	17	15.5	181.4	22.9	172.3	22.8	161.3	22.0	154.2	21.5	147.1	20.9	136.1	20.0
	19	18	186.5	23.0	172.3	22.1	161.3	21.4	154.2	20.9	147.1	20.4	136.1	19.5
	22	20	186.5	22.4	172.3	21.6	161.3	20.9	154.2	20.4	147.1	19.9	136.1	19.0
	26	24	186.5	21.4	172.3	20.6	161.3	20.0	154.2	19.5	147.1	19.0	136.1	18.1
	30	28	186.5	20.4	172.3	19.6	161.3	19.0	154.2	18.5	147.1	18.0	136.1	17.3
	35	32	186.5	19.3	172.3	18.6	161.3	18.0	154.2	17.6	147.1	17.1	136.1	16.4
	39	36	186.5	18.3	172.3	17.6	161.3	17.0	154.2	16.6	147.1	16.2	136.1	15.5
	44	40	186.5	17.2	172.3	16.6	161.3	16.1	154.2	15.7	147.1	15.3	136.1	14.6
	47	43	186.5	16.4	172.3	15.8	161.3	15.3	154.2	15.0	147.1	14.6	136.1	13.9
	51	47	186.5	15.4	172.3	14.8	161.3	14.3	154.2	14.0	147.1	13.6	136.1	13.0
	54	50	186.5	14.6	172.3	14.1	161.3	13.6	154.2	13.3	147.1	12.9	136.1	12.4
	57	53	186.5	13.8	172.3	13.3	161.3	12.9	154.2	12.6	147.1	12.2	136.1	11.7
	60	56	186.5	13.0	172.3	12.6	161.3	12.2	154.2	11.9	147.1	11.6	136.1	11.0
50	-12.6	-13	106.9	18.4	106.4	19.2	106.1	19.9	105.8	20.3	105.6	20.7	105.3	21.4
	-9	-9.4	120.0	19.6	119.4	20.5	119.1	21.2	118.8	21.6	118.5	22.1	113.4	21.9
	-3.64	-4	128.9	20.3	128.4	21.3	127.9	22.0	127.7	22.5	122.6	22.1	113.4	21.2
	-1.84	-2.2	133.5	20.7	132.9	21.6	132.5	22.4	128.5	22.2	122.6	21.7	113.4	20.8
	5.5	5	152.1	22.1	143.6	21.8	134.4	21.2	128.5	20.7	122.6	20.3	113.4	19.5
	9.5	8.5	155.4	21.8	143.6	21.1	134.4	20.5	128.5	20.0	122.6	19.6	113.4	18.8
	13	12	155.4	21.0	143.6	20.3	134.4	19.7	128.5	19.3	122.6	18.9	113.4	18.1
	15	14	155.4	20.5	143.6	19.9	134.4	19.3	128.5	18.9	122.6	18.5	113.4	17.7
	17	15.5	155.4	20.2	143.6	19.6	134.4	19.0	128.5	18.6	122.6	18.2	113.4	17.4
	19	18	155.4	19.6	143.6	19.0	134.4	18.5	128.5	18.1	122.6	17.6	113.4	16.9
	22	20	155.4	19.2	143.6	18.6	134.4	18.0	128.5	17.7	122.6	17.2	113.4	16.6
	26	24	155.4	18.3	143.6	17.7	134.4	17.2	128.5	16.8	122.6	16.4	113.4	15.8
	30	28	155.4	17.4	143.6	16.9	134.4	16.4	128.5	16.0	122.6	15.6	113.4	15.0
	35	32	155.4	16.5	143.6	16.0	134.4	15.5	128.5	15.2	122.6	14.8	113.4	14.2
	39	36	155.4	15.6	143.6	15.1	134.4	14.7	128.5	14.4	122.6	14.0	113.4	13.5
	44	40	155.4	14.7	143.6	14.3	134.4	13.8	128.5	13.5	122.6	13.2	113.4	12.7
	47	43	155.4	14.1	143.6	13.6	134.4	13.2	128.5	12.9	122.6	12.6	113.4	12.1
	51	47	155.4	13.2	143.6	12.7	134.4	12.4	128.5	12.1	122.6	11.8	113.4	11.4
	54	50	155.4	12.5	143.6	12.1	134.4	11.7	128.5	11.5	122.6	11.2	113.4	10.8
	57	53	155.4	11.8	143.6	11.4	134.4	11.1	128.5	10.9	122.6	10.6	113.4	10.2
	60	56	155.4	11.1	143.6	10.8	134.4	10.5	128.5	10.3	122.6	10.0	113.4	9.6

Tc: Total Capacity PI: Power Input

Table 162 - 38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	-12.6	-13	145.4	13.2	144.8	13.8	144.3	14.2	144.0	14.5	143.7	14.8	143.2	15.3
	-9	-9.4	164.2	14.2	163.5	14.9	162.9	15.4	162.6	15.7	162.2	16.1	161.7	16.5
	-3.64	-4	177.0	14.9	176.2	15.6	175.7	16.1	175.3	16.5	174.9	16.8	174.3	17.3
	-1.84	-2.2	183.5	15.3	182.7	16.0	182.1	16.5	181.7	16.9	181.3	17.2	180.7	17.7
	5.5	5	210.2	16.5	209.3	17.3	208.6	17.9	208.1	18.3	207.7	18.6	207.0	19.2
	9.5	8.5	223.5	17.1	222.5	17.9	221.8	18.5	221.3	18.9	220.8	19.3	220.1	19.9
	13	12	237.0	17.7	236.0	18.5	235.2	19.1	234.7	19.5	234.2	19.9	233.5	20.5
	15	14	244.9	18.0	243.8	18.8	243.0	19.4	242.5	19.8	242.0	20.2	241.2	20.8
	17	15.5	250.8	18.2	249.8	19.0	248.9	19.6	248.4	20.0	247.9	20.4	243.5	20.7
	19	18	260.8	18.5	259.7	19.3	258.9	20.0	258.3	20.4	257.8	20.8	243.5	20.1
	22	20	268.9	18.7	267.8	19.6	266.9	20.3	266.3	20.7	263.2	20.9	243.5	19.7
	26	24	285.3	19.2	284.1	20.1	283.2	20.7	275.8	20.6	263.2	19.9	243.5	18.8
	30	28	302.1	19.6	300.8	20.5	288.5	20.2	275.8	19.6	263.2	18.9	243.5	17.9
	35	32	319.1	19.9	308.2	20.0	288.5	19.1	275.8	18.6	263.2	17.9	243.5	16.9
	39	36	333.6	19.9	308.2	18.9	288.5	18.1	275.8	17.5	263.2	17.0	243.5	16.0
	44	40	333.6	18.7	308.2	17.8	288.5	17.1	275.8	16.5	263.2	16.0	243.5	15.1
	47	43	333.6	17.9	308.2	17.0	288.5	16.3	275.8	15.8	263.2	15.3	243.5	14.4
	51	47	333.6	16.8	308.2	15.9	288.5	15.3	275.8	14.8	263.2	14.3	243.5	13.5
	54	50	333.6	15.9	308.2	15.1	288.5	14.5	275.8	14.0	263.2	13.6	243.5	12.8
	57	53	333.6	15.0	308.2	14.3	288.5	13.7	275.8	13.3	263.2	12.8	243.5	12.1
	60	56	333.6	14.2	308.2	13.5	288.5	12.9	275.8	12.5	263.2	12.1	243.5	11.4
140	-12.6	-13	144.8	13.9	144.2	14.6	143.7	15.1	143.4	15.4	143.1	15.7	142.6	16.2
	-9	-9.4	163.5	15.1	162.8	15.8	162.3	16.3	161.9	16.7	161.6	17.0	161.0	17.5
	-3.64	-4	176.3	15.8	175.5	16.5	174.9	17.1	174.6	17.5	174.2	17.8	173.6	18.4
	-1.84	-2.2	182.7	16.2	182.0	16.9	181.4	17.5	181.0	17.8	180.6	18.2	180.0	18.8
	5.5	5	209.3	17.5	208.4	18.3	207.7	18.9	207.3	19.3	206.8	19.7	206.1	20.3
	9.5	8.5	222.6	18.1	221.6	19.0	220.9	19.6	220.4	20.0	219.9	20.4	219.2	21.0
	13	12	236.1	18.7	235.1	19.5	234.3	20.2	233.8	20.6	233.3	21.0	232.5	21.7
	15	14	243.9	19.0	242.8	19.9	242.0	20.5	241.5	21.0	241.0	21.4	240.2	22.0
	17	15.5	249.8	19.2	248.7	20.1	247.9	20.8	247.4	21.2	246.9	21.6	242.5	21.9
	19	18	259.8	19.6	258.7	20.5	257.8	21.2	257.2	21.6	256.7	22.0	242.5	21.3
	22	20	267.8	19.8	266.7	20.7	265.8	21.4	265.2	21.9	262.1	22.1	242.5	20.8
	26	24	284.2	20.3	282.9	21.2	282.0	21.9	274.7	21.8	262.1	21.0	242.5	19.9
	30	28	300.8	20.7	299.5	21.7	287.3	21.4	274.7	20.7	262.1	20.0	242.5	18.9
	35	32	317.8	21.0	306.9	21.2	287.3	20.3	274.7	19.6	262.1	19.0	242.5	17.9
	39	36	332.2	21.0	306.9	20.0	287.3	19.2	274.7	18.6	262.1	18.0	242.5	17.0
	44	40	332.2	19.8	306.9	18.9	287.3	18.1	274.7	17.5	262.1	16.9	242.5	16.0
	47	43	332.2	18.9	306.9	18.0	287.3	17.2	274.7	16.7	262.1	16.2	242.5	15.3
	51	47	332.2	17.7	306.9	16.9	287.3	16.1	274.7	15.6	262.1	15.1	242.5	14.3
	54	50	332.2	16.8	306.9	16.0	287.3	15.3	274.7	14.8	262.1	14.4	242.5	13.6
	57	53	332.2	15.9	306.9	15.1	287.3	14.5	274.7	14.0	262.1	13.6	242.5	12.8
	60	56	332.2	15.0	306.9	14.3	287.3	13.7	274.7	13.3	262.1	12.8	242.5	12.1
130	-12.6	-13	144.2	14.7	143.6	15.4	143.1	15.9	142.8	16.3	142.5	16.6	142.0	17.1
	-9	-9.4	162.8	15.9	162.1	16.6	161.6	17.2	161.2	17.6	160.9	17.9	160.4	18.5
	-3.64	-4	175.5	16.7	174.8	17.4	174.2	18.0	173.8	18.4	173.5	18.8	172.9	19.4
	-1.84	-2.2	182.0	17.0	181.2	17.8	180.6	18.4	180.2	18.8	179.8	19.2	179.2	19.8
	5.5	5	208.4	18.5	207.5	19.3	206.8	20.0	206.4	20.4	206.0	20.8	205.3	21.4
	9.5	8.5	221.6	19.1	220.7	20.0	220.0	20.7	219.5	21.1	219.0	21.5	218.3	22.2
	13	12	235.1	19.7	234.1	20.6	233.3	21.3	232.8	21.8	232.3	22.2	231.5	22.9
	15	14	242.9	20.0	241.8	21.0	241.0	21.7	240.5	22.1	240.0	22.6	239.2	23.2
	17	15.5	248.8	20.3	247.7	21.2	246.9	21.9	246.4	22.4	245.8	22.8	241.5	23.1
	19	18	258.7	20.6	257.6	21.6	256.7	22.3	256.2	22.8	255.6	23.2	241.5	22.5
	22	20	266.7	20.9	265.6	21.9	264.7	22.6	264.1	23.1	261.0	23.3	241.5	22.0
	26	24	283.0	21.4	281.8	22.4	280.8	23.1	273.6	22.9	261.0	22.2	241.5	20.9
	30	28	299.6	21.8	298.3	22.8	286.2	22.5	273.6	21.8	261.0	21.1	241.5	19.9
	35	32	316.5	22.2	305.6	22.3	286.2	21.4	273.6	20.7	261.0	20.0	241.5	18.9
	39	36	330.8	22.2	305.6	21.1	286.2	20.2	273.6	19.6	261.0	18.9	241.5	17.9
	44	40	330.8	20.9	305.6	19.9	286.2	19.0	273.6	18.5	261.0	17.8	241.5	16.9
	47	43	330.8	19.9	305.6	19.0	286.2	18.2	273.6	17.6	261.0	17.0	241.5	16.1
	51	47	330.8	18.7	305.6	17.8	286.2	17.0	273.6	16.5	261.0	15.9	241.5	15.1
	54	50	330.8	17.7	305.6	16.9	286.2	16.2	273.6	15.7	261.0	15.1	241.5	14.3
	57	53	330.8	16.8	305.6	16.0	286.2	15.3	273.6	14.8	261.0	14.3	241.5	13.5
	60	56	330.8	15.8	305.6	15.1	286.2	14.4	273.6	14.0	261.0	13.5	241.5	12.8

Tc: Total Capacity PI: Power Input

Table 163 - 38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	-12.6	-13	143.6	15.5	143.0	16.2	142.5	16.7	142.2	17.1	141.9	17.4	141.4	18.0
	-9	-9.4	162.1	16.7	161.4	17.5	160.9	18.1	160.6	18.5	160.2	18.9	159.7	19.4
	-3.64	-4	174.8	17.5	174.1	18.3	173.5	19.0	173.1	19.4	172.7	19.8	172.2	20.4
	-1.84	-2.2	181.2	17.9	180.5	18.8	179.9	19.4	179.5	19.8	179.1	20.2	178.5	20.8
	5.5	5	207.5	19.4	206.7	20.3	206.0	21.0	205.5	21.4	205.1	21.9	204.4	22.5
	9.5	8.5	220.7	20.1	219.8	21.0	219.0	21.7	218.6	22.2	218.1	22.6	217.4	23.3
	13	12	234.1	20.7	233.1	21.7	232.3	22.4	231.8	22.9	231.3	23.3	230.6	24.0
	15	14	241.9	21.1	240.8	22.0	240.0	22.8	239.5	23.2	239.0	23.7	238.2	24.4
	17	15.5	247.7	21.3	246.7	22.3	245.9	23.0	245.3	23.5	244.8	24.0	240.5	24.3
	19	18	257.6	21.7	256.5	22.7	255.7	23.4	255.1	23.9	254.6	24.4	240.5	23.6
	22	20	265.6	22.0	264.5	23.0	263.6	23.8	263.0	24.2	259.9	24.5	240.5	23.1
	26	24	281.8	22.5	280.6	23.5	279.7	24.3	272.4	24.1	259.9	23.3	240.5	22.0
	30	28	298.3	22.9	297.0	24.0	285.0	23.7	272.4	22.9	259.9	22.2	240.5	20.9
	35	32	315.1	23.3	304.3	23.4	285.0	22.4	272.4	21.8	259.9	21.0	240.5	19.9
	39	36	329.4	23.3	304.3	22.2	285.0	21.2	272.4	20.6	259.9	19.9	240.5	18.8
	44	40	329.4	22.0	304.3	20.9	285.0	20.0	272.4	19.4	259.9	18.8	240.5	17.7
	47	43	329.4	21.0	304.3	20.0	285.0	19.1	272.4	18.5	259.9	17.9	240.5	16.9
	51	47	329.4	19.6	304.3	18.7	285.0	17.9	272.4	17.3	259.9	16.8	240.5	15.8
	54	50	329.4	18.6	304.3	17.7	285.0	17.0	272.4	16.5	259.9	15.9	240.5	15.0
	57	53	329.4	17.6	304.3	16.8	285.0	16.1	272.4	15.6	259.9	15.1	240.5	14.2
	60	56	329.4	16.6	304.3	15.8	285.0	15.1	272.4	14.7	259.9	14.2	240.5	13.4
110	-12.6	-13	143.0	16.2	142.4	17.0	141.9	17.6	141.6	17.9	141.3	18.3	140.8	18.9
	-9	-9.4	161.5	17.5	160.8	18.4	160.2	19.0	159.9	19.4	159.5	19.8	159.0	20.4
	-3.64	-4	174.1	18.4	173.3	19.2	172.8	19.9	172.4	20.3	172.0	20.7	171.4	21.4
	-1.84	-2.2	180.5	18.8	179.7	19.7	179.1	20.3	178.7	20.8	178.3	21.2	177.7	21.8
	5.5	5	206.7	20.4	205.8	21.3	205.1	22.0	204.7	22.5	204.2	22.9	203.6	23.6
	9.5	8.5	219.8	21.1	218.8	22.0	218.1	22.8	217.7	23.2	217.2	23.7	216.5	24.4
	13	12	233.1	21.7	232.1	22.7	231.4	23.5	230.9	24.0	230.4	24.5	229.6	25.2
	15	14	240.8	22.1	239.8	23.1	239.0	23.9	238.5	24.4	238.0	24.8	237.2	25.6
	17	15.5	246.7	22.3	245.6	23.4	244.8	24.1	244.3	24.6	243.8	25.1	239.5	25.5
	19	18	256.5	22.7	255.4	23.8	254.6	24.6	254.0	25.1	253.5	25.6	239.5	24.8
	22	20	264.5	23.0	263.4	24.1	262.5	24.9	261.9	25.4	258.8	25.6	239.5	24.2
	26	24	280.6	23.6	279.4	24.7	278.5	25.5	271.3	25.3	258.8	24.4	239.5	23.1
	30	28	297.1	24.0	295.8	25.1	283.8	24.8	271.3	24.0	258.8	23.2	239.5	21.9
	35	32	313.8	24.4	303.1	24.6	283.8	23.5	271.3	22.8	258.8	22.0	239.5	20.8
	39	36	328.0	24.4	303.1	23.2	283.8	22.2	271.3	21.6	258.8	20.8	239.5	19.7
	44	40	328.0	23.0	303.1	21.9	283.8	21.0	271.3	20.3	258.8	19.7	239.5	18.6
	47	43	328.0	22.0	303.1	20.9	283.8	20.0	271.3	19.4	258.8	18.8	239.5	17.7
	51	47	328.0	20.6	303.1	19.6	283.8	18.7	271.3	18.2	258.8	17.6	239.5	16.6
	54	50	328.0	19.5	303.1	18.6	283.8	17.8	271.3	17.2	258.8	16.7	239.5	15.7
	57	53	328.0	18.5	303.1	17.6	283.8	16.8	271.3	16.3	258.8	15.8	239.5	14.9
	60	56	328.0	17.4	303.1	16.6	283.8	15.9	271.3	15.4	258.8	14.9	239.5	14.1
100	-12.6	-13	142.4	17.0	141.8	17.8	141.3	18.4	141.0	18.8	140.7	19.1	140.3	19.7
	-9	-9.4	160.8	18.3	160.1	19.2	159.6	19.8	159.2	20.3	158.9	20.7	158.4	21.3
	-3.64	-4	173.3	19.2	172.6	20.1	172.0	20.8	171.7	21.2	171.3	21.7	170.7	22.3
	-1.84	-2.2	179.7	19.7	178.9	20.6	178.4	21.3	178.0	21.7	177.6	22.2	177.0	22.8
	5.5	5	205.8	21.3	204.9	22.3	204.3	23.0	203.8	23.5	203.4	24.0	202.7	24.7
	9.5	8.5	218.9	22.0	217.9	23.0	217.2	23.8	216.7	24.3	216.3	24.8	215.6	25.6
	13	12	232.1	22.7	231.2	23.7	230.4	24.5	229.9	25.1	229.4	25.6	228.6	26.3
	15	14	239.8	23.1	238.8	24.1	238.0	24.9	237.5	25.5	237.0	26.0	236.2	26.8
	17	15.5	245.7	23.3	244.6	24.4	243.8	25.2	243.3	25.8	242.8	26.3	238.4	26.6
	19	18	255.4	23.8	254.4	24.9	253.5	25.7	253.0	26.2	252.4	26.7	238.4	25.9
	22	20	263.4	24.1	262.3	25.2	261.4	26.0	260.8	26.6	257.6	26.8	238.4	25.3
	26	24	279.4	24.6	278.3	25.8	277.3	26.6	270.0	26.4	257.6	25.5	238.4	24.1
	30	28	295.8	25.1	294.6	26.3	282.4	25.9	270.0	25.1	257.6	24.3	238.4	22.9
	35	32	312.5	25.5	301.6	25.7	282.4	24.6	270.0	23.8	257.6	23.0	238.4	21.8
	39	36	326.5	25.5	301.6	24.3	282.4	23.2	270.0	22.5	257.6	21.8	238.4	20.6
	44	40	326.5	24.0	301.6	22.9	282.4	21.9	270.0	21.2	257.6	20.5	238.4	19.4
	47	43	326.5	22.9	301.6	21.8	282.4	20.9	270.0	20.3	257.6	19.6	238.4	18.5
	51	47	326.5	21.5	301.6	20.4	282.4	19.6	270.0	19.0	257.6	18.3	238.4	17.3
	54	50	326.5	20.4	301.6	19.4	282.4	18.6	270.0	18.0	257.6	17.4	238.4	16.4
	57	53	326.5	19.3	301.6	18.4	282.4	17.6	270.0	17.0	257.6	16.5	238.4	15.6
	60	56	326.5	18.2	301.6	17.3	282.4	16.6	270.0	16.1	257.6	15.5	238.4	14.7

Tc: Total Capacity PI: Power Input

Table 164 - 38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	141.8	17.7	141.2	18.5	140.7	19.2	140.4	19.6	140.1	20.0	139.7	20.6
	-9	-9.4	160.1	19.1	159.4	20.0	158.9	20.7	158.6	21.1	158.2	21.6	157.7	22.3
	-3.64	-4	172.6	20.1	171.9	21.0	171.3	21.7	170.9	22.2	170.6	22.6	170.0	23.3
	-1.84	-2.2	178.9	20.5	178.2	21.5	177.6	22.2	177.2	22.6	176.8	23.1	176.2	23.8
	5.5	5	204.9	22.2	204.1	23.2	203.4	24.0	203.0	24.5	202.5	25.0	201.9	25.8
	9.5	8.5	217.9	23.0	217.0	24.0	216.3	24.8	215.8	25.3	215.4	25.9	214.5	26.6
	13	12	231.2	23.7	230.2	24.8	229.4	25.6	228.9	26.1	228.4	26.7	214.5	25.7
	15	14	238.8	24.1	237.8	25.2	237.0	26.0	236.5	26.6	231.8	26.5	214.5	25.1
	17	15.5	244.6	24.3	243.6	25.5	242.8	26.3	242.3	26.9	231.8	26.1	214.5	24.7
	19	18	254.4	24.8	253.3	25.9	252.5	26.8	243.0	26.2	231.8	25.4	214.5	24.0
	22	20	262.3	25.1	261.1	26.3	254.2	26.4	243.0	25.6	231.8	24.8	214.5	23.5
	26	24	278.3	25.7	271.5	26.2	254.2	25.2	243.0	24.4	231.8	23.7	214.5	22.4
	30	28	293.8	26.1	271.5	24.9	254.2	23.9	243.0	23.2	231.8	22.5	214.5	21.3
	35	32	293.8	24.8	271.5	23.7	254.2	22.7	243.0	22.0	231.8	21.3	214.5	20.2
	39	36	293.8	23.4	271.5	22.4	254.2	21.5	243.0	20.8	231.8	20.2	214.5	19.1
	44	40	293.8	22.1	271.5	21.1	254.2	20.2	243.0	19.6	231.8	19.0	214.5	18.0
	47	43	293.8	21.1	271.5	20.1	254.2	19.3	243.0	18.8	231.8	18.2	214.5	17.2
	51	47	293.8	19.7	271.5	18.9	254.2	18.1	243.0	17.6	231.8	17.0	214.5	16.1
	54	50	293.8	18.7	271.5	17.9	254.2	17.2	243.0	16.7	231.8	16.1	214.5	15.3
	57	53	293.8	17.7	271.5	16.9	254.2	16.2	243.0	15.8	231.8	15.3	214.5	14.5
	60	56	293.8	16.7	271.5	16.0	254.2	15.3	243.0	14.9	231.8	14.4	214.5	13.6
80	-12.6	-13	141.2	18.4	140.6	19.3	140.1	20.0	139.8	20.4	139.5	20.8	139.1	21.5
	-9	-9.4	159.4	19.9	158.7	20.9	158.2	21.6	157.9	22.0	157.5	22.5	157.0	23.2
	-3.64	-4	171.9	20.9	171.1	21.9	170.6	22.6	170.2	23.1	169.8	23.5	169.3	24.3
	-1.84	-2.2	178.2	21.4	177.4	22.3	176.8	23.1	176.5	23.6	176.1	24.1	175.5	24.8
	5.5	5	204.1	23.1	203.2	24.2	202.5	25.0	202.1	25.5	201.7	26.0	190.7	25.3
	9.5	8.5	217.0	23.9	216.1	25.0	215.4	25.8	214.9	26.4	206.1	25.7	190.7	24.4
	13	12	230.2	24.6	229.2	25.8	225.9	26.3	216.0	25.6	206.1	24.8	190.7	23.6
	15	14	237.8	25.0	236.8	26.2	225.9	25.7	216.0	25.0	206.1	24.3	190.7	23.1
	17	15.5	243.6	25.3	241.3	26.3	225.9	25.3	216.0	24.6	206.1	23.9	190.7	22.7
	19	18	253.3	25.8	241.3	25.6	225.9	24.6	216.0	23.9	206.1	23.2	190.7	22.1
	22	20	261.1	26.1	241.3	25.0	225.9	24.1	216.0	23.4	206.1	22.7	190.7	21.6
	26	24	261.2	24.9	241.3	23.9	225.9	22.9	216.0	22.3	206.1	21.6	190.7	20.6
	30	28	261.2	23.7	241.3	22.7	225.9	21.8	216.0	21.2	206.1	20.6	190.7	19.5
	35	32	261.2	22.5	241.3	21.5	225.9	20.7	216.0	20.1	206.1	19.5	190.7	18.5
	39	36	261.2	21.3	241.3	20.4	225.9	19.6	216.0	19.0	206.1	18.5	190.7	17.5
	44	40	261.2	20.0	241.3	19.2	225.9	18.5	216.0	17.9	206.1	17.4	190.7	16.5
	47	43	261.2	19.1	241.3	18.3	225.9	17.6	216.0	17.1	206.1	16.6	190.7	15.8
	51	47	261.2	17.9	241.3	17.2	225.9	16.5	216.0	16.0	206.1	15.6	190.7	14.8
	54	50	261.2	17.0	241.3	16.3	225.9	15.7	216.0	15.2	206.1	14.8	190.7	14.0
	57	53	261.2	16.1	241.3	15.4	225.9	14.8	216.0	14.4	206.1	14.0	190.7	13.3
	60	56	261.2	15.2	241.3	14.5	225.9	14.0	216.0	13.6	206.1	13.2	190.7	12.5
70	-12.6	-13	140.6	19.2	140.0	20.1	139.5	20.8	139.2	21.2	138.9	21.6	138.5	22.3
	-9	-9.4	158.7	20.7	158.1	21.7	157.5	22.4	157.2	22.9	156.9	23.4	156.3	24.1
	-3.64	-4	171.1	21.7	170.4	22.7	169.9	23.5	169.5	24.0	169.1	24.5	166.9	25.0
	-1.84	-2.2	177.4	22.2	176.7	23.2	176.1	24.0	175.7	24.5	175.3	25.0	166.9	24.5
	5.5	5	203.2	24.0	202.3	25.1	197.7	25.4	189.0	24.7	180.3	24.0	166.9	22.9
	9.5	8.5	216.1	24.8	211.1	25.4	197.7	24.5	189.0	23.9	180.3	23.2	166.9	22.1
	13	12	228.5	25.5	211.1	24.5	197.7	23.6	189.0	23.0	180.3	22.4	166.9	21.3
	15	14	228.5	25.0	211.1	24.0	197.7	23.1	189.0	22.5	180.3	21.9	166.9	20.9
	17	15.5	228.5	24.6	211.1	23.6	197.7	22.8	189.0	22.2	180.3	21.5	166.9	20.5
	19	18	228.5	23.9	211.1	22.9	197.7	22.1	189.0	21.6	180.3	20.9	166.9	20.0
	22	20	228.5	23.3	211.1	22.4	197.7	21.6	189.0	21.1	180.3	20.5	166.9	19.5
	26	24	228.5	22.3	211.1	21.4	197.7	20.6	189.0	20.1	180.3	19.5	166.9	18.6
	30	28	228.5	21.2	211.1	20.3	197.7	19.6	189.0	19.1	180.3	18.6	166.9	17.7
	35	32	228.5	20.1	211.1	19.3	197.7	18.6	189.0	18.1	180.3	17.6	166.9	16.8
	39	36	228.5	19.0	211.1	18.2	197.7	17.6	189.0	17.1	180.3	16.7	166.9	15.9
	44	40	228.5	17.9	211.1	17.2	197.7	16.6	189.0	16.2	180.3	15.7	166.9	15.0
	47	43	228.5	17.1	211.1	16.4	197.7	15.8	189.0	15.4	180.3	15.0	166.9	14.3
	51	47	228.5	16.0	211.1	15.4	197.7	14.8	189.0	14.4	180.3	14.0	166.9	13.4
	54	50	228.5	15.2	211.1	14.6	197.7	14.1	189.0	13.7	180.3	13.3	166.9	12.7
	57	53	228.5	14.4	211.1	13.8	197.7	13.3	189.0	13.0	180.3	12.6	166.9	12.0
	60	56	228.5	13.6	211.1	13.0	197.7	12.6	189.0	12.2	180.3	11.9	166.9	11.3

Tc: Total Capacity PI: Power Input

Table 165 - 38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	140.0	19.9	139.4	20.8	138.9	21.5	138.6	22.0	138.3	22.4	137.9	23.1
	-9	-9.4	158.1	21.5	157.4	22.5	156.9	23.3	156.5	23.7	154.5	24.0	143.0	22.9
	-3.64	-4	170.4	22.5	169.7	23.6	169.1	24.4	162.0	23.8	154.5	23.2	143.0	22.2
	-1.84	-2.2	176.7	23.0	175.9	24.1	169.5	24.0	162.0	23.4	154.5	22.8	143.0	21.8
	5.5	5	195.9	24.0	181.0	23.2	169.5	22.4	162.0	21.9	154.5	21.3	143.0	20.4
	9.5	8.5	195.9	23.2	181.0	22.4	169.5	21.6	162.0	21.1	154.5	20.6	143.0	19.7
	13	12	195.9	22.4	181.0	21.6	169.5	20.9	162.0	20.4	154.5	19.8	143.0	19.0
	15	14	195.9	21.9	181.0	21.1	169.5	20.4	162.0	19.9	154.5	19.4	143.0	18.6
	17	15.5	195.9	21.5	181.0	20.8	169.5	20.1	162.0	19.6	154.5	19.1	143.0	18.2
	19	18	195.9	20.9	181.0	20.2	169.5	19.5	162.0	19.1	154.5	18.6	143.0	17.7
	22	20	195.9	20.5	181.0	19.7	169.5	19.1	162.0	18.6	154.5	18.1	143.0	17.3
	26	24	195.9	19.5	181.0	18.8	169.5	18.2	162.0	17.8	154.5	17.3	143.0	16.5
	30	28	195.9	18.5	181.0	17.9	169.5	17.3	162.0	16.9	154.5	16.4	143.0	15.7
	35	32	195.9	17.6	181.0	17.0	169.5	16.4	162.0	16.0	154.5	15.6	143.0	14.9
	39	36	195.9	16.6	181.0	16.0	169.5	15.5	162.0	15.1	154.5	14.8	143.0	14.1
	44	40	195.9	15.7	181.0	15.1	169.5	14.6	162.0	14.3	154.5	13.9	143.0	13.3
	47	43	195.9	15.0	181.0	14.4	169.5	14.0	162.0	13.6	154.5	13.3	143.0	12.7
	51	47	195.9	14.0	181.0	13.5	169.5	13.1	162.0	12.8	154.5	12.4	143.0	11.9
	54	50	195.9	13.3	181.0	12.8	169.5	12.4	162.0	12.1	154.5	11.8	143.0	11.3
	57	53	195.9	12.6	181.0	12.1	169.5	11.7	162.0	11.5	154.5	11.2	143.0	10.7
	60	56	195.9	11.9	181.0	11.4	169.5	11.1	162.0	10.8	154.5	10.5	143.0	10.1
50	-12.6	-13	139.4	20.6	138.8	21.6	138.3	22.3	135.0	22.3	128.8	21.8	119.2	20.9
	-9	-9.4	157.4	22.3	150.8	22.4	141.2	21.7	135.0	21.3	128.8	20.8	119.2	19.9
	-3.64	-4	163.2	22.4	150.8	21.7	141.2	21.0	135.0	20.6	128.8	20.1	119.2	19.3
	-1.84	-2.2	163.2	22.0	150.8	21.3	141.2	20.7	135.0	20.3	128.8	19.8	119.2	19.0
	5.5	5	163.2	20.6	150.8	19.9	141.2	19.3	135.0	18.9	128.8	18.5	119.2	17.7
	9.5	8.5	163.2	19.8	150.8	19.2	141.2	18.7	135.0	18.3	128.8	17.8	119.2	17.1
	13	12	163.2	19.1	150.8	18.5	141.2	18.0	135.0	17.6	128.8	17.2	119.2	16.5
	15	14	163.2	18.7	150.8	18.1	141.2	17.6	135.0	17.2	128.8	16.8	119.2	16.1
	17	15.5	163.2	18.4	150.8	17.8	141.2	17.3	135.0	16.9	128.8	16.5	119.2	15.9
	19	18	163.2	17.9	150.8	17.3	141.2	16.8	135.0	16.5	128.8	16.1	119.2	15.4
	22	20	163.2	17.5	150.8	16.9	141.2	16.4	135.0	16.1	128.8	15.7	119.2	15.1
	26	24	163.2	16.7	150.8	16.2	141.2	15.7	135.0	15.3	128.8	15.0	119.2	14.4
	30	28	163.2	15.9	150.8	15.4	141.2	14.9	135.0	14.6	128.8	14.3	119.2	13.7
	35	32	163.2	15.0	150.8	14.6	141.2	14.1	135.0	13.8	128.8	13.5	119.2	13.0
	39	36	163.2	14.2	150.8	13.8	141.2	13.4	135.0	13.1	128.8	12.8	119.2	12.3
	44	40	163.2	13.4	150.8	13.0	141.2	12.6	135.0	12.3	128.8	12.1	119.2	11.6
	47	43	163.2	12.8	150.8	12.4	141.2	12.0	135.0	11.8	128.8	11.5	119.2	11.0
	51	47	163.2	12.0	150.8	11.6	141.2	11.3	135.0	11.0	128.8	10.8	119.2	10.3
	54	50	163.2	11.4	150.8	11.0	141.2	10.7	135.0	10.5	128.8	10.2	119.2	9.8
	57	53	163.2	10.8	150.8	10.4	141.2	10.1	135.0	9.9	128.8	9.7	119.2	9.3
	60	56	163.2	10.2	150.8	9.8	141.2	9.5	135.0	9.3	128.8	9.1	119.2	8.8

Tc: Total Capacity PI: Power Input

Table 166 - 38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	-12.6	-13	145.8	13.5	145.2	14.1	144.7	14.6	144.4	14.9	144.1	15.2	143.6	15.7
	-9	-9.4	164.7	14.6	164.0	15.2	163.4	15.8	163.1	16.1	162.7	16.4	162.2	16.9
	-3.64	-4	177.5	15.2	176.8	16.0	176.2	16.5	175.8	16.8	175.4	17.2	174.9	17.7
	-1.84	-2.2	184.1	15.6	183.3	16.3	182.7	16.8	182.3	17.2	181.9	17.6	181.3	18.1
	5.5	5	210.8	16.8	209.9	17.6	209.2	18.2	208.8	18.6	208.3	19.0	207.6	19.5
	9.5	8.5	224.2	17.4	223.2	18.2	222.5	18.8	222.0	19.2	221.5	19.6	220.8	20.2
	13	12	237.8	17.9	236.7	18.7	236.0	19.4	235.5	19.8	235.0	20.2	234.2	20.8
	15	14	245.6	18.2	244.6	19.0	243.8	19.7	243.3	20.1	242.7	20.5	241.9	21.1
	17	15.5	251.6	18.4	250.5	19.2	249.7	19.9	249.2	20.3	248.6	20.7	247.8	21.3
	19	18	261.6	18.7	260.5	19.6	259.7	20.2	259.1	20.6	258.5	21.1	257.7	21.7
	22	20	269.7	18.9	268.6	19.8	267.7	20.5	267.1	20.9	266.6	21.3	265.7	22.0
	26	24	286.2	19.4	285.0	20.2	284.0	20.9	283.4	21.4	282.8	21.8	266.1	21.0
	30	28	303.0	19.7	301.7	20.6	300.7	21.3	300.1	21.7	287.5	21.1	266.1	20.0
	35	32	320.1	20.0	318.7	20.9	315.3	21.4	301.4	20.7	287.5	20.0	266.1	18.9
	39	36	337.5	20.2	336.0	21.1	315.3	20.2	301.4	19.6	287.5	19.0	266.1	17.9
	44	40	355.2	20.3	336.7	19.9	315.3	19.1	301.4	18.5	287.5	17.9	266.1	16.9
	47	43	364.4	20.0	336.7	19.0	315.3	18.2	301.4	17.7	287.5	17.1	266.1	16.1
	51	47	364.4	18.7	336.7	17.8	315.3	17.1	301.4	16.5	287.5	16.0	266.1	15.1
	54	50	364.4	17.8	336.7	16.9	315.3	16.2	301.4	15.7	287.5	15.2	266.1	14.3
	57	53	364.4	16.8	336.7	16.0	315.3	15.3	301.4	14.8	287.5	14.3	266.1	13.5
	60	56	364.4	15.9	336.7	15.1	315.3	14.4	301.4	14.0	287.5	13.5	266.1	12.8
140	-12.6	-13	145.2	14.3	144.6	15.0	144.2	15.5	143.8	15.8	143.5	16.1	143.1	16.6
	-9	-9.4	164.0	15.4	163.3	16.1	162.8	16.7	162.4	17.0	162.1	17.4	161.5	17.9
	-3.64	-4	176.8	16.1	176.0	16.9	175.5	17.5	175.1	17.8	174.7	18.2	174.1	18.8
	-1.84	-2.2	183.3	16.5	182.5	17.3	181.9	17.8	181.5	18.2	181.1	18.6	180.5	19.2
	5.5	5	209.9	17.8	209.0	18.6	208.3	19.3	207.9	19.7	207.4	20.1	206.8	20.7
	9.5	8.5	223.2	18.4	222.3	19.2	221.5	19.9	221.1	20.3	220.6	20.7	219.9	21.4
	13	12	236.8	18.9	235.8	19.8	235.0	20.5	234.5	20.9	234.0	21.3	233.2	22.0
	15	14	244.6	19.2	243.6	20.1	242.8	20.8	242.3	21.2	241.7	21.7	240.9	22.3
	17	15.5	250.6	19.5	249.5	20.3	248.7	21.0	248.1	21.5	247.6	21.9	246.8	22.6
	19	18	260.5	19.8	259.4	20.7	258.6	21.4	258.0	21.8	257.5	22.3	256.6	23.0
	22	20	268.6	20.0	267.5	21.0	266.6	21.7	266.0	22.1	265.5	22.6	264.6	23.2
	26	24	285.0	20.5	283.8	21.4	282.9	22.1	282.3	22.6	281.7	23.1	265.0	22.2
	30	28	301.7	20.9	300.4	21.8	299.5	22.5	298.8	23.0	286.3	22.4	265.0	21.1
	35	32	318.7	21.2	317.4	22.1	314.0	22.6	300.1	21.9	286.3	21.2	265.0	20.0
	39	36	336.1	21.4	334.6	22.3	314.0	21.4	300.1	20.8	286.3	20.1	265.0	18.9
	44	40	353.7	21.5	335.3	21.1	314.0	20.2	300.1	19.6	286.3	18.9	265.0	17.9
	47	43	362.9	21.2	335.3	20.1	314.0	19.3	300.1	18.7	286.3	18.1	265.0	17.0
	51	47	362.9	19.8	335.3	18.9	314.0	18.0	300.1	17.5	286.3	16.9	265.0	16.0
	54	50	362.9	18.8	335.3	17.9	314.0	17.1	300.1	16.6	286.3	16.0	265.0	15.1
	57	53	362.9	17.8	335.3	16.9	314.0	16.2	300.1	15.7	286.3	15.2	265.0	14.3
	60	56	362.9	16.8	335.3	16.0	314.0	15.3	300.1	14.8	286.3	14.3	265.0	13.5
130	-12.6	-13	144.6	15.1	144.0	15.8	143.6	16.3	143.2	16.7	142.9	17.0	142.5	17.6
	-9	-9.4	163.3	16.3	162.6	17.0	162.1	17.6	161.7	18.0	161.4	18.4	160.8	18.9
	-3.64	-4	176.1	17.0	175.3	17.8	174.7	18.4	174.4	18.8	174.0	19.2	173.4	19.8
	-1.84	-2.2	182.5	17.4	181.8	18.2	181.2	18.8	180.8	19.2	180.4	19.6	179.8	20.2
	5.5	5	209.1	18.8	208.2	19.6	207.5	20.3	207.0	20.7	206.6	21.2	205.9	21.8
	9.5	8.5	222.3	19.4	221.4	20.3	220.6	21.0	220.2	21.4	219.7	21.9	219.0	22.5
	13	12	235.8	20.0	234.8	20.9	234.0	21.6	233.5	22.1	233.0	22.5	232.2	23.2
	15	14	243.6	20.3	242.6	21.2	241.8	21.9	241.3	22.4	240.7	22.9	239.9	23.6
	17	15.5	249.5	20.5	248.5	21.5	247.6	22.2	247.1	22.6	246.6	23.1	245.8	23.8
	19	18	259.5	20.9	258.4	21.8	257.5	22.6	257.0	23.0	256.4	23.5	255.6	24.2
	22	20	267.5	21.1	266.4	22.1	265.5	22.8	264.9	23.3	264.4	23.8	263.5	24.5
	26	24	283.8	21.6	282.6	22.6	281.7	23.3	281.1	23.8	280.5	24.3	263.9	23.4
	30	28	300.5	22.0	299.2	23.0	298.2	23.8	297.6	24.3	285.1	23.6	263.9	22.3
	35	32	317.4	22.3	316.1	23.3	312.7	23.9	298.9	23.1	285.1	22.4	263.9	21.1
	39	36	334.7	22.5	333.3	23.5	312.7	22.6	298.9	21.9	285.1	21.2	263.9	20.0
	44	40	352.2	22.6	333.9	22.2	312.7	21.3	298.9	20.6	285.1	19.9	263.9	18.8
	47	43	361.4	22.3	333.9	21.2	312.7	20.3	298.9	19.7	285.1	19.0	263.9	18.0
	51	47	361.4	20.9	333.9	19.9	312.7	19.0	298.9	18.4	285.1	17.8	263.9	16.8
	54	50	361.4	19.8	333.9	18.9	312.7	18.1	298.9	17.5	285.1	16.9	263.9	16.0
	57	53	361.4	18.7	333.9	17.8	312.7	17.1	298.9	16.6	285.1	16.0	263.9	15.1
	60	56	361.4	17.7	333.9	16.8	312.7	16.1	298.9	15.6	285.1	15.1	263.9	14.3

Tc: Total Capacity PI: Power Input

Table 167 - 38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-12.6	-13	144.0	15.9	143.4	16.6	143.0	17.2	142.6	17.6	142.3	17.9	141.9	18.5
	-9	-9.4	162.6	17.1	161.9	17.9	161.4	18.5	161.1	18.9	160.7	19.3	160.2	19.9
	-3.64	-4	175.3	17.9	174.6	18.7	174.0	19.4	173.6	19.8	173.3	20.2	172.7	20.8
	-1.84	-2.2	181.8	18.3	181.0	19.1	180.4	19.8	180.0	20.2	179.6	20.6	179.0	21.3
	5.5	5	208.2	19.7	207.3	20.7	206.6	21.4	206.2	21.8	205.7	22.2	205.0	22.9
	9.5	8.5	221.4	20.4	220.4	21.3	219.7	22.1	219.2	22.5	218.8	23.0	218.0	23.7
	13	12	234.8	21.0	233.8	22.0	233.0	22.7	232.5	23.2	232.0	23.7	231.3	24.4
	15	14	242.6	21.3	241.6	22.3	240.8	23.1	240.2	23.5	239.7	24.0	238.9	24.8
	17	15.5	248.5	21.6	247.4	22.6	246.6	23.3	246.1	23.8	245.5	24.3	244.7	25.0
	19	18	258.4	21.9	257.3	22.9	256.4	23.7	255.9	24.2	255.3	24.7	254.5	25.5
120	22	20	266.4	22.2	265.3	23.2	264.4	24.0	263.8	24.5	263.3	25.0	262.4	25.8
	26	24	282.7	22.7	281.5	23.7	280.5	24.5	279.9	25.0	279.3	25.6	262.8	24.6
	30	28	299.2	23.1	298.0	24.2	297.0	25.0	296.3	25.5	284.0	24.8	262.8	23.4
	35	32	316.1	23.4	314.8	24.5	311.4	25.1	297.7	24.3	284.0	23.5	262.8	22.2
	39	36	333.3	23.7	331.9	24.7	311.4	23.7	297.7	23.0	284.0	22.2	262.8	21.0
	44	40	350.8	23.8	332.5	23.4	311.4	22.4	297.7	21.7	284.0	21.0	262.8	19.8
	47	43	359.9	23.4	332.5	22.3	311.4	21.4	297.7	20.7	284.0	20.0	262.8	18.9
	51	47	359.9	21.9	332.5	20.9	311.4	20.0	297.7	19.4	284.0	18.7	262.8	17.7
	54	50	359.9	20.8	332.5	19.8	311.4	19.0	297.7	18.4	284.0	17.8	262.8	16.8
	57	53	359.9	19.7	332.5	18.8	311.4	18.0	297.7	17.4	284.0	16.8	262.8	15.9
	60	56	359.9	18.6	332.5	17.7	311.4	16.9	297.7	16.4	284.0	15.9	262.8	15.0
	-12.6	-13	143.4	16.7	142.8	17.4	142.4	18.0	142.1	18.4	141.7	18.8	141.3	19.4
	-9	-9.4	161.9	18.0	161.3	18.8	160.7	19.4	160.4	19.8	160.0	20.2	159.5	20.9
	-3.64	-4	174.6	18.8	173.9	19.6	173.3	20.3	172.9	20.7	172.5	21.2	172.0	21.8
	-1.84	-2.2	181.0	19.2	180.2	20.1	179.6	20.8	179.3	21.2	178.9	21.6	178.3	22.3
	5.5	5	207.3	20.7	206.4	21.7	205.7	22.4	205.3	22.9	204.9	23.3	204.2	24.0
	9.5	8.5	220.5	21.4	219.5	22.4	218.8	23.1	218.3	23.6	217.9	24.1	217.1	24.8
	13	12	233.8	22.0	232.8	23.0	232.1	23.8	231.6	24.3	231.1	24.8	230.3	25.6
	15	14	241.6	22.4	240.6	23.4	239.8	24.2	239.2	24.7	238.7	25.2	237.9	26.0
	17	15.5	247.4	22.6	246.4	23.6	245.6	24.4	245.0	24.9	244.5	25.5	243.7	26.2
	19	18	257.3	23.0	256.2	24.0	255.4	24.9	254.8	25.4	254.3	25.9	253.4	26.7
110	22	20	265.3	23.3	264.2	24.3	263.3	25.2	262.7	25.7	262.2	26.2	261.3	27.0
	26	24	281.5	23.8	280.3	24.9	279.4	25.7	278.8	26.3	278.2	26.8	261.7	25.8
	30	28	298.0	24.2	296.7	25.3	295.7	26.2	295.1	26.7	282.8	26.0	261.7	24.5
	35	32	314.8	24.6	313.4	25.7	310.0	26.3	296.4	25.5	282.8	24.6	261.7	23.3
	39	36	331.9	24.8	330.5	25.9	310.0	24.9	296.4	24.1	282.8	23.3	261.7	22.0
	44	40	349.3	24.9	331.1	24.5	310.0	23.4	296.4	22.7	282.8	22.0	261.7	20.8
	47	43	358.4	24.5	331.1	23.4	310.0	22.4	296.4	21.7	282.8	21.0	261.7	19.8
	51	47	358.4	23.0	331.1	21.9	310.0	20.9	296.4	20.3	282.8	19.6	261.7	18.5
	54	50	358.4	21.8	331.1	20.8	310.0	19.9	296.4	19.3	282.8	18.6	261.7	17.6
	57	53	358.4	20.6	331.1	19.7	310.0	18.8	296.4	18.2	282.8	17.6	261.7	16.7
	60	56	358.4	19.5	331.1	18.5	310.0	17.7	296.4	17.2	282.8	16.6	261.7	15.7
	-12.6	-13	142.8	17.4	142.2	18.2	141.8	18.9	141.5	19.3	141.2	19.7	140.7	20.3
	-9	-9.4	161.3	18.8	160.6	19.7	160.1	20.3	159.7	20.8	159.4	21.2	158.8	21.8
	-3.64	-4	173.9	19.6	173.1	20.6	172.6	21.3	172.2	21.7	171.8	22.1	171.2	22.8
	-1.84	-2.2	180.3	20.1	179.5	21.0	178.9	21.7	178.5	22.2	178.1	22.6	177.5	23.3
	5.5	5	206.4	21.6	205.6	22.6	204.9	23.4	204.4	23.9	204.0	24.4	203.3	25.1
	9.5	8.5	219.5	22.4	218.6	23.4	217.9	24.2	217.4	24.7	216.9	25.2	216.2	26.0
	13	12	232.8	23.0	231.9	24.1	231.1	24.9	230.6	25.4	230.1	25.9	229.3	26.7
	15	14	240.6	23.4	239.5	24.5	238.7	25.3	238.2	25.8	237.7	26.3	236.9	27.1
	17	15.5	246.4	23.6	245.4	24.7	244.5	25.5	244.0	26.1	243.5	26.6	242.7	27.4
	19	18	256.2	24.0	255.1	25.1	254.3	26.0	253.8	26.5	253.2	27.1	252.4	27.9
100	22	20	264.2	24.3	263.0	25.5	262.2	26.3	261.6	26.9	261.1	27.4	260.2	28.2
	26	24	280.3	24.9	279.1	26.0	278.2	26.9	277.6	27.4	277.0	28.0	260.4	26.9
	30	28	296.7	25.3	295.5	26.5	294.5	27.4	293.9	27.9	281.4	27.1	260.4	25.6
	35	32	313.5	25.7	312.1	26.8	308.6	27.5	295.0	26.6	281.4	25.7	260.4	24.3
	39	36	330.5	25.9	329.1	27.1	308.6	26.0	295.0	25.2	281.4	24.3	260.4	23.0
	44	40	347.8	26.0	329.6	25.6	308.6	24.5	295.0	23.7	281.4	23.0	260.4	21.7
	47	43	356.7	25.6	329.6	24.4	308.6	23.4	295.0	22.7	281.4	21.9	260.4	20.7
	51	47	356.7	24.0	329.6	22.9	308.6	21.9	295.0	21.2	281.4	20.5	260.4	19.4
	54	50	356.7	22.8	329.6	21.7	308.6	20.8	295.0	20.1	281.4	19.5	260.4	18.4
	57	53	356.7	21.6	329.6	20.5	308.6	19.6	295.0	19.0	281.4	18.4	260.4	17.4
	60	56	356.7	20.3	329.6	19.4	308.6	18.5	295.0	18.0	281.4	17.4	260.4	16.4

Tc: Total Capacity PI: Power Input

Table 168 - 38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	142.2	18.2	141.6	19.0	141.2	19.7	140.9	20.1	140.6	20.5	140.1	21.2
	-9	-9.4	160.6	19.6	159.9	20.5	159.4	21.2	159.0	21.7	158.7	22.1	158.2	22.8
	-3.64	-4	173.1	20.5	172.4	21.4	171.8	22.2	171.5	22.6	171.1	23.1	170.5	23.8
	-1.84	-2.2	179.5	20.9	178.7	21.9	178.1	22.6	177.8	23.1	177.4	23.6	176.8	24.3
	5.5	5	205.6	22.6	204.7	23.6	204.0	24.4	203.6	24.9	203.1	25.5	202.5	26.2
	9.5	8.5	218.6	23.3	217.7	24.4	217.0	25.2	216.5	25.8	216.0	26.3	215.3	27.1
	13	12	231.9	24.0	230.9	25.1	230.1	26.0	229.6	26.5	229.1	27.0	228.4	27.9
	15	14	239.5	24.4	238.5	25.5	237.7	26.4	237.2	26.9	236.7	27.5	234.4	28.1
	17	15.5	245.4	24.7	244.3	25.8	243.5	26.6	243.0	27.2	242.5	27.8	234.4	27.6
	19	18	255.1	25.1	254.1	26.2	253.2	27.1	252.7	27.7	252.1	28.2	234.4	26.9
	22	20	263.1	25.4	261.9	26.5	261.1	27.4	260.5	28.0	253.3	27.7	234.4	26.3
	26	24	279.1	25.9	277.9	27.1	277.0	28.0	265.5	27.3	253.3	26.4	234.4	25.0
	30	28	295.5	26.4	294.2	27.6	277.7	26.7	265.5	26.0	253.3	25.1	234.4	23.8
	35	32	312.1	26.8	296.6	26.4	277.7	25.4	265.5	24.6	253.3	23.9	234.4	22.6
	39	36	321.0	26.2	296.6	25.0	277.7	24.0	265.5	23.3	253.3	22.6	234.4	21.4
	44	40	321.0	24.7	296.6	23.6	277.7	22.6	265.5	22.0	253.3	21.3	234.4	20.1
	47	43	321.0	23.6	296.6	22.5	277.7	21.6	265.5	21.0	253.3	20.3	234.4	19.2
	51	47	321.0	22.1	296.6	21.1	277.7	20.2	265.5	19.6	253.3	19.0	234.4	18.0
	54	50	321.0	20.9	296.6	20.0	277.7	19.2	265.5	18.6	253.3	18.0	234.4	17.1
	57	53	321.0	19.8	296.6	18.9	277.7	18.2	265.5	17.6	253.3	17.1	234.4	16.2
	60	56	321.0	18.7	296.6	17.9	277.7	17.1	265.5	16.6	253.3	16.1	234.4	15.2
80	-12.6	-13	141.6	19.0	141.0	19.8	140.6	20.5	140.3	20.9	140.0	21.4	139.5	22.1
	-9	-9.4	159.9	20.4	159.2	21.4	158.7	22.1	158.4	22.6	158.0	23.0	157.5	23.7
	-3.64	-4	172.4	21.3	171.7	22.3	171.1	23.1	170.7	23.6	170.4	24.1	169.8	24.8
	-1.84	-2.2	178.7	21.8	178.0	22.8	177.4	23.6	177.0	24.1	176.6	24.6	176.0	25.3
	5.5	5	204.7	23.5	203.8	24.6	203.2	25.4	202.7	26.0	202.3	26.5	201.6	27.3
	9.5	8.5	217.7	24.3	216.7	25.4	216.0	26.3	215.6	26.8	215.1	27.4	208.4	27.3
	13	12	230.9	25.0	229.9	26.1	229.1	27.0	228.7	27.6	225.1	27.7	208.4	26.3
	15	14	238.5	25.4	237.5	26.5	236.7	27.4	236.0	28.0	225.1	27.1	208.4	25.8
	17	15.5	244.3	25.7	243.3	26.8	242.5	27.7	236.0	27.5	225.1	26.7	208.4	25.4
	19	18	254.1	26.1	253.0	27.3	246.9	27.5	236.0	26.8	225.1	26.0	208.4	24.7
	22	20	261.9	26.4	260.8	27.6	246.9	26.9	236.0	26.2	225.1	25.4	208.4	24.1
	26	24	277.9	27.0	263.6	26.7	246.9	25.6	236.0	24.9	225.1	24.2	208.4	23.0
	30	28	285.4	26.5	263.6	25.4	246.9	24.4	236.0	23.7	225.1	23.0	208.4	21.9
	35	32	285.4	25.1	263.6	24.1	246.9	23.1	236.0	22.5	225.1	21.8	208.4	20.7
	39	36	285.4	23.8	263.6	22.8	246.9	21.9	236.0	21.3	225.1	20.6	208.4	19.6
	44	40	285.4	22.4	263.6	21.5	246.9	20.6	236.0	20.1	225.1	19.5	208.4	18.5
	47	43	285.4	21.4	263.6	20.5	246.9	19.7	236.0	19.1	225.1	18.6	208.4	17.6
	51	47	285.4	20.0	263.6	19.2	246.9	18.4	236.0	17.9	225.1	17.4	208.4	16.5
	54	50	285.4	19.0	263.6	18.2	246.9	17.5	236.0	17.0	225.1	16.5	208.4	15.7
	57	53	285.4	18.0	263.6	17.2	246.9	16.6	236.0	16.1	225.1	15.6	208.4	14.8
	60	56	285.4	17.0	263.6	16.2	246.9	15.6	236.0	15.2	225.1	14.7	208.4	14.0
70	-12.6	-13	141.0	19.7	140.4	20.6	140.0	21.3	139.7	21.8	139.4	22.2	138.9	22.9
	-9	-9.4	159.2	21.2	158.5	22.2	158.0	23.0	157.7	23.4	157.3	23.9	156.8	24.7
	-3.64	-4	171.7	22.2	170.9	23.2	170.4	24.0	170.0	24.5	169.6	25.0	169.1	25.8
	-1.84	-2.2	178.0	22.7	177.2	23.7	176.6	24.5	176.3	25.0	175.9	25.5	175.3	26.3
	5.5	5	203.8	24.4	203.0	25.6	202.3	26.4	201.9	27.0	197.0	26.9	182.3	25.6
	9.5	8.5	216.7	25.2	215.8	26.4	215.1	27.3	206.5	26.7	197.0	25.9	182.3	24.7
	13	12	229.9	26.0	228.9	27.2	216.0	26.4	206.5	25.7	197.0	25.0	182.3	23.8
	15	14	237.5	26.4	230.7	26.8	216.0	25.9	206.5	25.2	197.0	24.5	182.3	23.3
	17	15.5	243.3	26.7	230.7	26.4	216.0	25.4	206.5	24.8	197.0	24.1	182.3	22.9
	19	18	249.7	26.7	230.7	25.6	216.0	24.7	206.5	24.1	197.0	23.4	182.3	22.3
	22	20	249.7	26.1	230.7	25.1	216.0	24.2	206.5	23.5	197.0	22.9	182.3	21.8
	26	24	249.7	24.9	230.7	23.9	216.0	23.0	206.5	22.4	197.0	21.8	182.3	20.8
	30	28	249.7	23.7	230.7	22.7	216.0	21.9	206.5	21.3	197.0	20.7	182.3	19.8
	35	32	249.7	22.4	230.7	21.6	216.0	20.8	206.5	20.3	197.0	19.7	182.3	18.8
	39	36	249.7	21.2	230.7	20.4	216.0	19.7	206.5	19.2	197.0	18.6	182.3	17.7
	44	40	249.7	20.0	230.7	19.2	216.0	18.5	206.5	18.1	197.0	17.6	182.3	16.7
	47	43	249.7	19.1	230.7	18.3	216.0	17.7	206.5	17.2	197.0	16.8	182.3	16.0
	51	47	249.7	17.9	230.7	17.2	216.0	16.6	206.5	16.1	197.0	15.7	182.3	14.9
	54	50	249.7	17.0	230.7	16.3	216.0	15.7	206.5	15.3	197.0	14.9	182.3	14.2
	57	53	249.7	16.1	230.7	15.4	216.0	14.9	206.5	14.5	197.0	14.1	182.3	13.4
	60	56	249.7	15.1	230.7	14.6	216.0	14.0	206.5	13.7	197.0	13.3	182.3	12.7

Tc: Total Capacity PI: Power Input

Table 169 - 38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	140.4	20.4	139.8	21.4	139.4	22.1	139.1	22.6	138.8	23.1	138.3	23.8
	-9	-9.4	158.5	22.0	157.9	23.0	157.3	23.8	157.0	24.3	156.7	24.8	156.2	25.6
	-3.64	-4	170.9	23.0	170.2	24.1	169.6	24.9	169.3	25.4	168.9	25.9	156.3	24.8
	-1.84	-2.2	177.2	23.5	176.5	24.6	175.9	25.4	175.5	26.0	168.9	25.5	156.3	24.4
	5.5	5	203.0	25.3	197.7	25.9	185.1	25.0	177.0	24.4	168.9	23.8	156.3	22.8
	9.5	8.5	214.0	25.9	197.7	25.0	185.1	24.2	177.0	23.6	168.9	23.0	156.3	22.0
	13	12	214.0	25.0	197.7	24.1	185.1	23.3	177.0	22.8	168.9	22.2	156.3	21.2
	15	14	214.0	24.5	197.7	23.6	185.1	22.8	177.0	22.3	168.9	21.7	156.3	20.7
	17	15.5	214.0	24.1	197.7	23.2	185.1	22.4	177.0	21.9	168.9	21.3	156.3	20.4
	19	18	214.0	23.4	197.7	22.6	185.1	21.8	177.0	21.3	168.9	20.7	156.3	19.8
	22	20	214.0	22.9	197.7	22.0	185.1	21.3	177.0	20.8	168.9	20.3	156.3	19.4
	26	24	214.0	21.8	197.7	21.0	185.1	20.3	177.0	19.8	168.9	19.3	156.3	18.5
	30	28	214.0	20.7	197.7	20.0	185.1	19.3	177.0	18.9	168.9	18.4	156.3	17.6
	35	32	214.0	19.7	197.7	19.0	185.1	18.3	177.0	17.9	168.9	17.4	156.3	16.7
	39	36	214.0	18.6	197.7	17.9	185.1	17.3	177.0	16.9	168.9	16.5	156.3	15.8
	44	40	214.0	17.5	197.7	16.9	185.1	16.4	177.0	16.0	168.9	15.5	156.3	14.9
	47	43	214.0	16.7	197.7	16.1	185.1	15.6	177.0	15.2	168.9	14.8	156.3	14.2
	51	47	214.0	15.7	197.7	15.1	185.1	14.6	177.0	14.3	168.9	13.9	156.3	13.3
	54	50	214.0	14.9	197.7	14.3	185.1	13.9	177.0	13.5	168.9	13.2	156.3	12.6
	57	53	214.0	14.1	197.7	13.6	185.1	13.1	177.0	12.8	168.9	12.5	156.3	11.9
	60	56	214.0	13.3	197.7	12.8	185.1	12.4	177.0	12.1	168.9	11.8	156.3	11.3
50	-12.6	-13	139.8	21.2	139.2	22.2	138.8	22.9	138.5	23.4	138.2	23.9	130.2	23.4
	-9	-9.4	157.9	22.8	157.2	23.9	154.3	24.3	147.5	23.8	140.7	23.2	130.2	22.3
	-3.64	-4	170.2	23.8	164.8	24.2	154.3	23.5	147.5	23.0	140.7	22.5	130.2	21.6
	-1.84	-2.2	176.5	24.3	164.8	23.8	154.3	23.1	147.5	22.6	140.7	22.1	130.2	21.2
	5.5	5	178.4	23.0	164.8	22.2	154.3	21.6	147.5	21.1	140.7	20.6	130.2	19.8
	9.5	8.5	178.4	22.2	164.8	21.5	154.3	20.8	147.5	20.4	140.7	19.9	130.2	19.1
	13	12	178.4	21.4	164.8	20.7	154.3	20.1	147.5	19.7	140.7	19.2	130.2	18.4
	15	14	178.4	20.9	164.8	20.3	154.3	19.7	147.5	19.2	140.7	18.8	130.2	18.1
	17	15.5	178.4	20.6	164.8	19.9	154.3	19.3	147.5	18.9	140.7	18.5	130.2	17.8
	19	18	178.4	20.0	164.8	19.4	154.3	18.8	147.5	18.4	140.7	18.0	130.2	17.3
	22	20	178.4	19.6	164.8	18.9	154.3	18.4	147.5	18.0	140.7	17.6	130.2	16.9
	26	24	178.4	18.6	164.8	18.1	154.3	17.5	147.5	17.2	140.7	16.8	130.2	16.1
	30	28	178.4	17.7	164.8	17.2	154.3	16.7	147.5	16.3	140.7	15.9	130.2	15.3
	35	32	178.4	16.8	164.8	16.3	154.3	15.8	147.5	15.5	140.7	15.1	130.2	14.5
	39	36	178.4	15.9	164.8	15.4	154.3	15.0	147.5	14.6	140.7	14.3	130.2	13.7
	44	40	178.4	15.0	164.8	14.5	154.3	14.1	147.5	13.8	140.7	13.5	130.2	12.9
	47	43	178.4	14.3	164.8	13.9	154.3	13.5	147.5	13.2	140.7	12.9	130.2	12.4
	51	47	178.4	13.4	164.8	13.0	154.3	12.6	147.5	12.3	140.7	12.0	130.2	11.6
	54	50	178.4	12.7	164.8	12.3	154.3	12.0	147.5	11.7	140.7	11.4	130.2	11.0
	57	53	178.4	12.0	164.8	11.7	154.3	11.3	147.5	11.1	140.7	10.8	130.2	10.4
	60	56	178.4	11.4	164.8	11.0	154.3	10.7	147.5	10.4	140.7	10.2	130.2	9.8

Tc: Total Capacity PI: Power Input

Table 170 - 38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	-12.6	-13	146.3	13.9	145.7	14.5	145.2	15.0	144.9	15.3	144.6	15.6	144.1	16.1
	-9	-9.4	165.2	14.9	164.5	15.6	163.9	16.1	163.6	16.5	163.2	16.8	162.7	17.3
	-3.64	-4	178.1	15.6	177.3	16.3	176.7	16.8	176.3	17.2	176.0	17.5	175.4	18.1
	-1.84	-2.2	184.6	15.9	183.8	16.6	183.2	17.2	182.8	17.5	182.4	17.9	181.8	18.5
	5.5	5	211.4	17.1	210.5	17.9	209.8	18.5	209.4	18.9	208.9	19.3	208.2	19.9
	9.5	8.5	224.8	17.6	223.9	18.4	223.1	19.1	222.7	19.5	222.2	19.9	221.4	20.5
	13	12	238.5	18.1	237.5	19.0	236.7	19.6	236.2	20.0	235.7	20.4	234.9	21.1
	15	14	246.4	18.4	245.3	19.2	244.5	19.9	244.0	20.3	243.5	20.7	242.7	21.4
	17	15.5	252.4	18.6	251.3	19.4	250.5	20.1	249.9	20.5	249.4	20.9	248.6	21.6
	19	18	262.4	18.9	261.3	19.8	260.4	20.4	259.9	20.9	259.3	21.3	258.5	21.9
	22	20	270.6	19.1	269.4	20.0	268.5	20.7	267.9	21.1	267.4	21.5	266.5	22.2
	26	24	287.1	19.5	285.9	20.4	284.9	21.1	284.3	21.5	283.7	22.0	282.7	22.6
	30	28	303.9	19.8	302.6	20.7	301.6	21.4	301.0	21.9	300.3	22.3	291.3	22.3
	35	32	321.0	20.1	319.7	21.0	318.6	21.7	317.9	22.2	314.8	22.4	291.3	21.2
	39	36	338.5	20.3	337.1	21.2	335.9	21.9	330.0	21.9	314.8	21.2	291.3	20.0
	44	40	356.3	20.3	354.7	21.3	345.2	21.3	330.0	20.7	314.8	20.0	291.3	18.9
	47	43	369.8	20.3	368.2	21.2	345.2	20.4	330.0	19.7	314.8	19.1	291.3	18.0
	51	47	388.1	20.2	368.7	19.9	345.2	19.1	330.0	18.5	314.8	17.9	291.3	16.9
	54	50	399.0	19.9	368.7	18.9	345.2	18.1	330.0	17.5	314.8	16.9	291.3	16.0
	57	53	399.0	18.8	368.7	17.9	345.2	17.1	330.0	16.6	314.8	16.0	291.3	15.1
	60	56	399.0	17.7	368.7	16.9	345.2	16.1	330.0	15.6	314.8	15.1	291.3	14.3
140	-12.6	-13	145.7	14.7	145.1	15.4	144.6	15.9	144.3	16.2	144.0	16.6	143.5	17.1
	-9	-9.4	164.5	15.8	163.8	16.5	163.2	17.1	162.9	17.4	162.5	17.8	162.0	18.4
	-3.64	-4	177.3	16.5	176.6	17.2	176.0	17.8	175.6	18.2	175.2	18.6	174.7	19.2
	-1.84	-2.2	183.9	16.8	183.1	17.6	182.5	18.2	182.1	18.6	181.7	19.0	181.1	19.6
	5.5	5	210.6	18.1	209.7	18.9	209.0	19.6	208.5	20.0	208.1	20.4	207.4	21.0
	9.5	8.5	223.9	18.7	223.0	19.5	222.2	20.2	221.7	20.6	221.3	21.0	220.5	21.7
	13	12	237.5	19.2	236.5	20.1	235.7	20.8	235.2	21.2	234.7	21.6	233.9	22.3
	15	14	245.4	19.5	244.3	20.4	243.5	21.1	243.0	21.5	242.5	21.9	241.7	22.6
	17	15.5	251.3	19.7	250.3	20.6	249.4	21.3	248.9	21.7	248.4	22.2	247.5	22.8
	19	18	261.3	20.0	260.2	20.9	259.4	21.6	258.8	22.1	258.3	22.5	257.4	23.2
	22	20	269.4	20.2	268.3	21.2	267.4	21.9	266.8	22.3	266.3	22.8	265.4	23.5
	26	24	285.9	20.7	284.7	21.6	283.7	22.3	283.1	22.8	282.5	23.3	281.6	24.0
	30	28	302.6	21.0	301.4	22.0	300.4	22.7	299.7	23.2	299.1	23.6	290.1	23.6
	35	32	319.7	21.3	318.4	22.2	317.3	23.0	316.6	23.5	313.5	23.7	290.1	22.4
	39	36	337.1	21.4	335.7	22.4	334.6	23.2	328.6	23.2	313.5	22.4	290.1	21.2
	44	40	354.8	21.5	353.3	22.5	343.8	22.6	328.6	21.9	313.5	21.1	290.1	20.0
	47	43	368.3	21.5	366.7	22.5	343.8	21.5	328.6	20.9	313.5	20.2	290.1	19.0
	51	47	386.5	21.4	367.1	21.1	343.8	20.2	328.6	19.5	313.5	18.9	290.1	17.8
	54	50	397.4	21.0	367.1	20.0	343.8	19.1	328.6	18.5	313.5	17.9	290.1	16.9
	57	53	397.4	19.9	367.1	18.9	343.8	18.1	328.6	17.5	313.5	17.0	290.1	16.0
	60	56	397.4	18.7	367.1	17.8	343.8	17.1	328.6	16.5	313.5	16.0	290.1	15.1
130	-12.6	-13	145.1	15.5	144.5	16.2	144.0	16.8	143.7	17.1	143.4	17.5	142.9	18.0
	-9	-9.4	163.8	16.6	163.1	17.4	162.6	18.0	162.2	18.4	161.9	18.8	161.3	19.4
	-3.64	-4	176.6	17.4	175.8	18.2	175.3	18.8	174.9	19.2	174.5	19.6	173.9	20.2
	-1.84	-2.2	183.1	17.7	182.3	18.6	181.7	19.2	181.3	19.6	180.9	20.0	180.3	20.6
	5.5	5	209.7	19.1	208.8	20.0	208.1	20.6	207.7	21.1	207.2	21.5	206.5	22.2
	9.5	8.5	223.0	19.7	222.0	20.6	221.3	21.3	220.8	21.7	220.3	22.2	219.6	22.9
	13	12	236.5	20.2	235.5	21.2	234.7	21.9	234.2	22.3	233.7	22.8	232.9	23.5
	15	14	244.3	20.5	243.3	21.5	242.5	22.2	242.0	22.7	241.5	23.1	240.7	23.8
	17	15.5	250.3	20.8	249.2	21.7	248.4	22.4	247.9	22.9	247.3	23.4	246.5	24.1
	19	18	260.3	21.1	259.2	22.1	258.3	22.8	257.7	23.3	257.2	23.8	256.3	24.5
	22	20	268.3	21.3	267.2	22.3	266.3	23.1	265.7	23.5	265.2	24.0	264.3	24.8
	26	24	284.7	21.8	283.5	22.8	282.6	23.5	282.0	24.0	281.3	24.5	280.4	25.3
	30	28	301.4	22.1	300.1	23.2	299.1	23.9	298.5	24.4	297.8	24.9	288.9	24.9
	35	32	318.4	22.4	317.0	23.4	316.0	24.2	315.3	24.7	312.2	25.0	288.9	23.6
	39	36	335.7	22.6	334.3	23.6	333.2	24.4	327.3	24.5	312.2	23.6	288.9	22.3
	44	40	353.3	22.7	351.8	23.7	342.3	23.8	327.3	23.1	312.2	22.3	288.9	21.0
	47	43	366.7	22.7	365.2	23.7	342.3	22.7	327.3	22.0	312.2	21.3	288.9	20.1
	51	47	384.9	22.5	365.6	22.2	342.3	21.3	327.3	20.6	312.2	19.9	288.9	18.8
	54	50	395.7	22.1	365.6	21.1	342.3	20.2	327.3	19.5	312.2	18.9	288.9	17.8
	57	53	395.7	20.9	365.6	19.9	342.3	19.1	327.3	18.5	312.2	17.9	288.9	16.9
	60	56	395.7	19.8	365.6	18.8	342.3	18.0	327.3	17.4	312.2	16.9	288.9	15.9

Tc: Total Capacity PI: Power Input

Table 171 - 38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	-12.6	-13	144.5	16.3	143.9	17.1	143.4	17.7	143.1	18.0	142.8	18.4	142.3	19.0
	-9	-9.4	163.1	17.5	162.4	18.3	161.9	19.0	161.5	19.4	161.2	19.8	160.7	20.4
	-3.64	-4	175.9	18.3	175.1	19.1	174.5	19.8	174.2	20.2	173.8	20.6	173.2	21.3
	-1.84	-2.2	182.3	18.7	181.6	19.5	181.0	20.2	180.6	20.6	180.2	21.0	179.6	21.7
	5.5	5	208.8	20.1	207.9	21.0	207.2	21.7	206.8	22.2	206.4	22.6	205.7	23.3
	9.5	8.5	222.1	20.7	221.1	21.7	220.4	22.4	219.9	22.9	219.4	23.3	218.7	24.0
	13	12	235.5	21.3	234.5	22.3	233.7	23.0	233.2	23.5	232.7	24.0	232.0	24.7
	15	14	243.3	21.6	242.3	22.6	241.5	23.4	241.0	23.8	240.5	24.3	239.7	25.1
	17	15.5	249.2	21.8	248.2	22.8	247.4	23.6	246.8	24.1	246.3	24.6	245.5	25.3
	19	18	259.2	22.2	258.1	23.2	257.2	24.0	256.7	24.5	256.1	25.0	255.3	25.7
	22	20	267.2	22.4	266.1	23.5	265.2	24.2	264.6	24.8	264.1	25.3	263.2	26.0
	26	24	283.5	22.9	282.3	23.9	281.4	24.7	280.8	25.3	280.2	25.8	279.2	26.6
	30	28	300.1	23.3	298.9	24.3	297.9	25.2	297.2	25.7	296.6	26.2	287.7	26.2
	35	32	317.1	23.6	315.7	24.6	314.7	25.5	314.0	26.0	310.9	26.3	287.7	24.8
	39	36	334.3	23.7	332.9	24.8	331.8	25.7	325.9	25.7	310.9	24.8	287.7	23.5
	44	40	351.8	23.8	350.3	24.9	340.9	25.0	325.9	24.2	310.9	23.4	287.7	22.1
	47	43	365.2	23.8	363.7	24.9	340.9	23.9	325.9	23.1	310.9	22.4	287.7	21.1
	51	47	383.3	23.7	364.1	23.3	340.9	22.3	325.9	21.6	310.9	20.9	287.7	19.8
	54	50	394.1	23.3	364.1	22.1	340.9	21.2	325.9	20.5	310.9	19.9	287.7	18.8
	57	53	394.1	22.0	364.1	21.0	340.9	20.1	325.9	19.4	310.9	18.8	287.7	17.8
	60	56	394.1	20.8	364.1	19.8	340.9	18.9	325.9	18.3	310.9	17.7	287.7	16.7
110	-12.6	-13	143.9	17.1	143.3	17.9	142.8	18.5	142.5	18.9	142.2	19.3	141.7	19.9
	-9	-9.4	162.4	18.4	161.7	19.2	161.2	19.9	160.9	20.3	160.5	20.7	160.0	21.4
	-3.64	-4	175.1	19.2	174.4	20.1	173.8	20.8	173.4	21.2	173.1	21.6	172.5	22.3
	-1.84	-2.2	181.6	19.6	180.8	20.5	180.2	21.2	179.8	21.6	179.4	22.1	178.8	22.8
	5.5	5	207.9	21.0	207.1	22.0	206.4	22.8	205.9	23.2	205.5	23.7	204.8	24.5
	9.5	8.5	221.1	21.7	220.2	22.7	219.5	23.5	219.0	24.0	218.5	24.5	217.8	25.2
	13	12	234.5	22.3	233.5	23.3	232.8	24.1	232.3	24.6	231.8	25.1	231.0	25.9
	15	14	242.3	22.6	241.3	23.7	240.5	24.5	240.0	25.0	239.5	25.5	238.7	26.3
	17	15.5	248.2	22.9	247.1	23.9	246.3	24.7	245.8	25.2	245.3	25.8	244.5	26.6
	19	18	258.1	23.2	257.0	24.3	256.1	25.1	255.6	25.7	255.0	26.2	254.2	27.0
	22	20	266.1	23.5	265.0	24.6	264.1	25.4	263.5	25.9	263.0	26.5	262.1	27.3
	26	24	282.3	24.0	281.1	25.1	280.2	25.9	279.6	26.5	279.0	27.0	278.1	27.8
	30	28	298.9	24.4	297.6	25.5	296.6	26.4	296.0	26.9	295.4	27.5	286.5	27.4
	35	32	315.7	24.7	314.4	25.8	313.4	26.7	312.7	27.2	309.6	27.5	286.5	26.0
	39	36	332.9	24.9	331.5	26.0	330.4	26.9	324.5	26.9	309.6	26.0	286.5	24.6
	44	40	350.4	25.0	348.9	26.1	339.5	26.2	324.5	25.4	309.6	24.5	286.5	23.2
	47	43	363.7	24.9	362.1	26.1	339.5	25.0	324.5	24.2	309.6	23.4	286.5	22.1
	51	47	381.7	24.8	362.6	24.5	339.5	23.4	324.5	22.7	309.6	21.9	286.5	20.7
	54	50	392.4	24.4	362.6	23.2	339.5	22.2	324.5	21.5	309.6	20.8	286.5	19.7
	57	53	392.4	23.1	362.6	22.0	339.5	21.0	324.5	20.4	309.6	19.7	286.5	18.6
	60	56	392.4	21.8	362.6	20.7	339.5	19.8	324.5	19.2	309.6	18.6	286.5	17.6
100	-12.6	-13	143.3	17.9	142.7	18.7	142.2	19.4	141.9	19.8	141.6	20.2	141.1	20.8
	-9	-9.4	161.8	19.2	161.1	20.1	160.5	20.8	160.2	21.2	159.8	21.7	159.3	22.4
	-3.64	-4	174.4	20.1	173.6	21.0	173.1	21.7	172.7	22.2	172.3	22.6	171.8	23.3
	-1.84	-2.2	180.8	20.5	180.0	21.4	179.4	22.2	179.1	22.6	178.7	23.1	178.1	23.8
	5.5	5	207.1	22.0	206.2	23.0	205.5	23.8	205.1	24.3	204.6	24.8	203.9	25.6
	9.5	8.5	220.2	22.7	219.3	23.7	218.5	24.5	218.1	25.1	217.6	25.6	216.9	26.4
	13	12	233.6	23.3	232.6	24.4	231.8	25.2	231.3	25.8	230.8	26.3	230.0	27.1
	15	14	241.3	23.7	240.3	24.8	239.5	25.6	239.0	26.1	238.4	26.7	237.7	27.5
	17	15.5	247.2	23.9	246.1	25.0	245.3	25.9	244.8	26.4	244.2	26.9	243.4	27.8
	19	18	257.0	24.3	255.9	25.4	255.1	26.3	254.5	26.8	254.0	27.4	253.1	28.2
	22	20	265.0	24.6	263.8	25.7	263.0	26.6	262.4	27.1	261.9	27.7	261.0	28.5
	26	24	281.1	25.1	280.0	26.2	279.0	27.1	278.4	27.7	277.8	28.2	276.9	29.1
	30	28	297.6	25.5	296.4	26.7	295.4	27.6	294.7	28.1	294.1	28.7	285.2	28.6
	35	32	314.4	25.8	313.1	27.0	312.0	27.9	311.4	28.5	308.1	28.8	285.2	27.2
	39	36	331.5	26.0	330.1	27.2	329.0	28.1	323.0	28.1	308.1	27.2	285.2	25.7
	44	40	348.9	26.1	347.4	27.3	337.9	27.4	323.0	26.5	308.1	25.6	285.2	24.2
	47	43	362.2	26.1	360.6	27.3	337.9	26.1	323.0	25.3	308.1	24.5	285.2	23.1
	51	47	380.1	25.9	360.8	25.5	337.9	24.4	323.0	23.7	308.1	22.9	285.2	21.6
	54	50	390.6	25.4	360.8	24.2	337.9	23.2	323.0	22.5	308.1	21.7	285.2	20.5
	57	53	390.6	24.1	360.8	22.9	337.9	22.0	323.0	21.3	308.1	20.6	285.2	19.4
	60	56	390.6	22.7	360.8	21.6	337.9	20.7	323.0	20.1	308.1	19.4	285.2	18.3

Tc: Total Capacity PI: Power Input

Table 172 - 38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	142.7	18.7	142.1	19.6	141.6	20.2	141.3	20.7	141.0	21.1	140.5	21.7
	-9	-9.4	161.1	20.1	160.4	21.0	159.9	21.7	159.5	22.2	159.2	22.6	158.6	23.3
	-3.64	-4	173.7	20.9	172.9	21.9	172.3	22.7	172.0	23.1	171.6	23.6	171.0	24.4
	-1.84	-2.2	180.0	21.4	179.3	22.4	178.7	23.1	178.3	23.6	177.9	24.1	177.3	24.8
	5.5	5	206.2	23.0	205.3	24.0	204.6	24.8	204.2	25.4	203.8	25.9	203.1	26.7
	9.5	8.5	219.3	23.7	218.3	24.8	217.6	25.6	217.1	26.1	216.7	26.7	216.0	27.5
	13	12	232.6	24.3	231.6	25.5	230.8	26.3	230.3	26.9	229.8	27.4	229.1	28.3
	15	14	240.3	24.7	239.3	25.8	238.5	26.7	238.0	27.3	237.4	27.8	236.7	28.7
	17	15.5	246.1	24.9	245.1	26.1	244.3	27.0	243.7	27.5	243.2	28.1	242.4	29.0
	19	18	255.9	25.3	254.8	26.5	254.0	27.4	253.4	28.0	252.9	28.5	252.1	29.4
	22	20	263.9	25.6	262.7	26.8	261.9	27.7	261.3	28.3	260.7	28.9	256.6	29.3
	26	24	280.0	26.2	278.8	27.4	277.9	28.3	277.3	28.9	276.7	29.5	256.6	28.0
	30	28	296.4	26.6	295.1	27.8	294.1	28.7	290.7	29.0	277.3	28.1	256.6	26.6
	35	32	313.1	26.9	311.8	28.1	304.1	28.3	290.7	27.5	277.3	26.7	256.6	25.2
	39	36	330.1	27.1	324.8	27.9	304.1	26.8	290.7	26.0	277.3	25.2	256.6	23.9
	44	40	347.4	27.2	324.8	26.3	304.1	25.3	290.7	24.5	277.3	23.8	256.6	22.5
	47	43	351.5	26.3	324.8	25.1	304.1	24.1	290.7	23.4	277.3	22.7	256.6	21.5
	51	47	351.5	24.7	324.8	23.5	304.1	22.6	290.7	21.9	277.3	21.2	256.6	20.1
	54	50	351.5	23.4	324.8	22.3	304.1	21.4	290.7	20.8	277.3	20.2	256.6	19.1
	57	53	351.5	22.1	324.8	21.1	304.1	20.3	290.7	19.7	277.3	19.1	256.6	18.1
	60	56	351.5	20.9	324.8	19.9	304.1	19.1	290.7	18.6	277.3	18.0	256.6	17.0
80	-12.6	-13	142.1	19.5	141.5	20.4	141.0	21.1	140.7	21.5	140.4	22.0	139.9	22.7
	-9	-9.4	160.4	20.9	159.7	21.9	159.2	22.6	158.8	23.1	158.5	23.6	158.0	24.3
	-3.64	-4	172.9	21.8	172.2	22.8	171.6	23.6	171.2	24.1	170.9	24.6	170.3	25.4
	-1.84	-2.2	179.3	22.2	178.5	23.3	177.9	24.1	177.5	24.6	177.2	25.1	176.6	25.9
	5.5	5	205.3	23.9	204.4	25.0	203.8	25.9	203.3	26.4	202.9	27.0	202.2	27.8
	9.5	8.5	218.3	24.7	217.4	25.8	216.7	26.7	216.2	27.2	215.8	27.8	215.0	28.6
	13	12	231.6	25.3	230.6	26.5	229.8	27.4	229.3	28.0	228.9	28.6	228.1	29.4
	15	14	239.3	25.7	238.2	26.9	237.5	27.8	236.9	28.4	236.4	29.0	228.1	28.8
	17	15.5	245.1	26.0	244.0	27.2	243.2	28.1	242.7	28.7	242.2	29.3	228.1	28.3
	19	18	254.8	26.4	253.8	27.6	252.9	28.5	252.4	29.1	246.5	29.0	228.1	27.6
	22	20	262.7	26.7	261.6	27.9	260.8	28.9	258.4	29.2	246.5	28.4	228.1	26.9
	26	24	278.8	27.2	277.6	28.5	270.3	28.7	258.4	27.9	246.5	27.0	228.1	25.7
	30	28	295.1	27.7	288.7	28.3	270.3	27.3	258.4	26.5	246.5	25.7	228.1	24.4
	35	32	311.8	28.0	288.7	26.9	270.3	25.9	258.4	25.1	246.5	24.4	228.1	23.2
	39	36	312.5	26.6	288.7	25.4	270.3	24.5	258.4	23.8	246.5	23.1	228.1	21.9
	44	40	312.5	25.0	288.7	24.0	270.3	23.1	258.4	22.4	246.5	21.7	228.1	20.7
	47	43	312.5	23.9	288.7	22.9	270.3	22.0	258.4	21.4	246.5	20.8	228.1	19.7
	51	47	312.5	22.4	288.7	21.4	270.3	20.6	258.4	20.0	246.5	19.4	228.1	18.5
	54	50	312.5	21.2	288.7	20.3	270.3	19.6	258.4	19.0	246.5	18.4	228.1	17.5
	57	53	312.5	20.1	288.7	19.2	270.3	18.5	258.4	18.0	246.5	17.5	228.1	16.6
	60	56	312.5	19.0	288.7	18.1	270.3	17.5	258.4	17.0	246.5	16.5	228.1	15.6
70	-12.6	-13	141.5	20.2	140.9	21.2	140.4	21.9	140.1	22.4	139.8	22.8	139.3	23.6
	-9	-9.4	159.7	21.7	159.0	22.7	158.5	23.5	158.2	24.0	157.8	24.5	157.3	25.3
	-3.64	-4	172.2	22.7	171.5	23.7	170.9	24.5	170.5	25.0	170.2	25.6	169.6	26.4
	-1.84	-2.2	178.5	23.1	177.8	24.2	177.2	25.0	176.8	25.6	176.4	26.1	175.8	26.9
	5.5	5	204.4	24.8	203.6	26.0	202.9	26.9	202.5	27.4	202.0	28.0	199.6	28.6
	9.5	8.5	217.4	25.6	216.5	26.8	215.8	27.7	215.3	28.3	214.8	28.9	199.6	27.6
	13	12	230.6	26.3	229.6	27.5	228.9	28.5	226.1	28.8	215.7	28.0	199.6	26.6
	15	14	238.2	26.7	237.2	27.9	236.4	28.9	226.1	28.1	215.7	27.4	199.6	26.1
	17	15.5	244.0	27.0	243.0	28.2	236.5	28.4	226.1	27.7	215.7	26.9	199.6	25.6
	19	18	253.8	27.4	252.6	28.7	236.5	27.6	226.1	26.9	215.7	26.2	199.6	24.9
	22	20	261.6	27.7	252.6	28.0	236.5	27.0	226.1	26.3	215.7	25.6	199.6	24.4
	26	24	273.4	27.8	252.6	26.7	236.5	25.7	226.1	25.1	215.7	24.4	199.6	23.2
	30	28	273.4	26.4	252.6	25.4	236.5	24.5	226.1	23.9	215.7	23.2	199.6	22.1
	35	32	273.4	25.1	252.6	24.1	236.5	23.2	226.1	22.6	215.7	22.0	199.6	21.0
	39	36	273.4	23.7	252.6	22.8	236.5	22.0	226.1	21.4	215.7	20.8	199.6	19.8
	44	40	273.4	22.4	252.6	21.5	236.5	20.7	226.1	20.2	215.7	19.6	199.6	18.7
	47	43	273.4	21.3	252.6	20.5	236.5	19.8	226.1	19.3	215.7	18.7	199.6	17.8
	51	47	273.4	20.0	252.6	19.2	236.5	18.5	226.1	18.0	215.7	17.5	199.6	16.7
	54	50	273.4	19.0	252.6	18.2	236.5	17.6	226.1	17.1	215.7	16.6	199.6	15.8
	57	53	273.4	17.9	252.6	17.2	236.5	16.6	226.1	16.2	215.7	15.7	199.6	15.0
	60	56	273.4	16.9	252.6	16.3	236.5	15.7	226.1	15.3	215.7	14.8	199.6	14.1

Tc: Total Capacity PI: Power Input

Table 173 - 38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	140.9	21.0	140.3	22.0	139.8	22.7	139.5	23.2	139.2	23.7	138.7	24.4
	-9	-9.4	159.0	22.5	158.4	23.6	157.8	24.4	157.5	24.9	157.2	25.4	156.6	26.2
	-3.64	-4	171.4	23.5	170.7	24.6	170.2	25.4	169.8	26.0	169.4	26.5	168.9	27.4
	-1.84	-2.2	177.8	24.0	177.0	25.1	176.4	26.0	176.0	26.5	175.7	27.1	171.1	27.3
	5.5	5	203.6	25.8	202.7	27.0	202.0	27.9	193.8	27.3	184.9	26.6	171.1	25.4
	9.5	8.5	216.5	26.6	215.6	27.8	202.7	27.0	193.8	26.4	184.9	25.7	171.1	24.6
	13	12	229.6	27.3	216.5	26.9	202.7	26.0	193.8	25.4	184.9	24.8	171.1	23.7
	15	14	234.3	27.3	216.5	26.4	202.7	25.5	193.8	24.9	184.9	24.2	171.1	23.2
	17	15.5	234.3	26.9	216.5	25.9	202.7	25.1	193.8	24.5	184.9	23.8	171.1	22.8
	19	18	234.3	26.1	216.5	25.2	202.7	24.4	193.8	23.8	184.9	23.2	171.1	22.2
	22	20	234.3	25.5	216.5	24.6	202.7	23.8	193.8	23.3	184.9	22.7	171.1	21.7
	26	24	234.3	24.4	216.5	23.5	202.7	22.7	193.8	22.2	184.9	21.6	171.1	20.6
	30	28	234.3	23.2	216.5	22.3	202.7	21.6	193.8	21.1	184.9	20.5	171.1	19.6
	35	32	234.3	22.0	216.5	21.2	202.7	20.5	193.8	20.0	184.9	19.5	171.1	18.6
	39	36	234.3	20.8	216.5	20.0	202.7	19.4	193.8	18.9	184.9	18.4	171.1	17.6
	44	40	234.3	19.6	216.5	18.9	202.7	18.3	193.8	17.8	184.9	17.4	171.1	16.6
	47	43	234.3	18.7	216.5	18.0	202.7	17.4	193.8	17.0	184.9	16.6	171.1	15.9
	51	47	234.3	17.5	216.5	16.9	202.7	16.3	193.8	15.9	184.9	15.5	171.1	14.8
	54	50	234.3	16.6	216.5	16.0	202.7	15.5	193.8	15.1	184.9	14.7	171.1	14.1
	57	53	234.3	15.7	216.5	15.2	202.7	14.7	193.8	14.3	184.9	13.9	171.1	13.3
	60	56	234.3	14.8	216.5	14.3	202.7	13.8	193.8	13.5	184.9	13.2	171.1	12.6
50	-12.6	-13	140.2	21.8	139.7	22.8	139.2	23.6	138.9	24.1	138.6	24.6	138.1	25.3
	-9	-9.4	158.3	23.3	157.7	24.4	157.2	25.3	156.8	25.8	154.1	25.9	142.6	24.9
	-3.64	-4	170.7	24.4	170.0	25.5	168.9	26.3	161.5	25.7	154.1	25.1	142.6	24.1
	-1.84	-2.2	177.0	24.9	176.2	26.0	168.9	25.9	161.5	25.3	154.1	24.7	142.6	23.7
	5.5	5	195.3	25.7	180.4	24.9	168.9	24.1	161.5	23.6	154.1	23.1	142.6	22.1
	9.5	8.5	195.3	24.8	180.4	24.0	168.9	23.3	161.5	22.8	154.1	22.3	142.6	21.4
	13	12	195.3	23.9	180.4	23.1	168.9	22.5	161.5	22.0	154.1	21.5	142.6	20.6
	15	14	195.3	23.4	180.4	22.6	168.9	22.0	161.5	21.5	154.1	21.0	142.6	20.2
	17	15.5	195.3	23.0	180.4	22.3	168.9	21.6	161.5	21.2	154.1	20.7	142.6	19.8
	19	18	195.3	22.4	180.4	21.7	168.9	21.0	161.5	20.6	154.1	20.1	142.6	19.3
	22	20	195.3	21.9	180.4	21.2	168.9	20.5	161.5	20.1	154.1	19.6	142.6	18.9
	26	24	195.3	20.8	180.4	20.2	168.9	19.6	161.5	19.2	154.1	18.7	142.6	18.0
	30	28	195.3	19.8	180.4	19.2	168.9	18.6	161.5	18.2	154.1	17.8	142.6	17.1
	35	32	195.3	18.8	180.4	18.2	168.9	17.7	161.5	17.3	154.1	16.9	142.6	16.2
	39	36	195.3	17.8	180.4	17.2	168.9	16.7	161.5	16.4	154.1	16.0	142.6	15.3
	44	40	195.3	16.8	180.4	16.2	168.9	15.8	161.5	15.4	154.1	15.1	142.6	14.5
	47	43	195.3	16.0	180.4	15.5	168.9	15.0	161.5	14.7	154.1	14.4	142.6	13.8
	51	47	195.3	15.0	180.4	14.5	168.9	14.1	161.5	13.8	154.1	13.5	142.6	12.9
	54	50	195.3	14.2	180.4	13.8	168.9	13.4	161.5	13.1	154.1	12.8	142.6	12.3
	57	53	195.3	13.5	180.4	13.0	168.9	12.6	161.5	12.4	154.1	12.1	142.6	11.6
	60	56	195.3	12.7	180.4	12.3	168.9	11.9	161.5	11.7	154.1	11.4	142.6	10.9

Tc: Total Capacity PI: Power Input

Table 174 - 38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	-12.6	-13	146.7	14.2	146.1	14.9	145.6	15.4	145.3	15.7	145.0	16.0	144.5	16.5
	-9	-9.4	165.7	15.2	165.0	15.9	164.4	16.5	164.1	16.8	163.7	17.2	163.2	17.7
	-3.64	-4	178.6	15.9	177.8	16.6	177.3	17.2	176.9	17.5	176.5	17.9	175.9	18.5
	-1.84	-2.2	185.2	16.2	184.4	16.9	183.8	17.5	183.4	17.9	183.0	18.3	182.4	18.8
	5.5	5	212.1	17.4	211.2	18.2	210.5	18.8	210.0	19.2	209.6	19.6	208.9	20.2
	9.5	8.5	225.5	17.9	224.6	18.7	223.8	19.4	223.3	19.8	222.9	20.2	222.1	20.8
	13	12	239.2	18.4	238.2	19.3	237.4	19.9	236.9	20.3	236.4	20.7	235.6	21.4
	15	14	247.1	18.7	246.1	19.5	245.3	20.2	244.7	20.6	244.2	21.0	243.4	21.7
	17	15.5	253.1	18.9	252.1	19.7	251.2	20.4	250.7	20.8	250.1	21.2	249.3	21.9
	19	18	263.2	19.1	262.1	20.0	261.2	20.7	260.7	21.1	260.1	21.6	259.3	22.2
	22	20	271.4	19.4	270.2	20.3	269.3	20.9	268.8	21.4	268.2	21.8	267.3	22.5
	26	24	287.9	19.7	286.7	20.7	285.8	21.3	285.2	21.8	284.6	22.2	283.6	22.9
	30	28	304.8	20.1	303.5	21.0	302.5	21.7	301.9	22.1	301.2	22.6	300.2	23.3
	35	32	322.0	20.3	320.6	21.2	319.6	21.9	318.9	22.4	318.2	22.8	309.4	22.9
	39	36	339.5	20.4	338.1	21.4	337.0	22.1	336.2	22.5	334.3	22.9	309.4	21.6
	44	40	357.3	20.5	355.8	21.4	354.6	22.1	350.4	22.3	334.3	21.6	309.4	20.4
	47	43	370.9	20.5	369.3	21.4	366.6	22.0	350.4	21.3	334.3	20.6	309.4	19.5
	51	47	389.3	20.3	387.6	21.3	366.6	20.6	350.4	20.0	334.3	19.3	309.4	18.2
	54	50	403.3	20.2	391.5	20.4	366.6	19.5	350.4	18.9	334.3	18.3	309.4	17.3
	57	53	417.4	19.9	391.5	19.3	366.6	18.5	350.4	17.9	334.3	17.3	309.4	16.4
	60	56	423.7	19.2	391.5	18.2	366.6	17.4	350.4	16.9	334.3	16.3	309.4	15.4
140	-12.6	-13	146.1	15.0	145.5	15.7	145.0	16.3	144.7	16.6	144.4	17.0	143.9	17.5
	-9	-9.4	165.0	16.1	164.3	16.9	163.7	17.4	163.4	17.8	163.0	18.2	162.5	18.8
	-3.64	-4	177.9	16.8	177.1	17.6	176.5	18.2	176.2	18.6	175.8	19.0	175.2	19.6
	-1.84	-2.2	184.4	17.1	183.6	17.9	183.0	18.6	182.6	18.9	182.2	19.3	181.6	19.9
	5.5	5	211.2	18.4	210.3	19.3	209.6	19.9	209.2	20.3	208.7	20.8	208.0	21.4
	9.5	8.5	224.6	19.0	223.6	19.8	222.9	20.5	222.4	20.9	221.9	21.4	221.2	22.0
	13	12	238.2	19.5	237.2	20.4	236.4	21.1	235.9	21.5	235.4	22.0	234.6	22.6
	15	14	246.1	19.8	245.1	20.7	244.3	21.4	243.7	21.8	243.2	22.3	242.4	22.9
	17	15.5	252.1	20.0	251.0	20.9	250.2	21.6	249.6	22.0	249.1	22.5	248.3	23.2
	19	18	262.1	20.3	261.0	21.2	260.2	21.9	259.6	22.4	259.0	22.8	258.2	23.5
	22	20	270.3	20.5	269.1	21.4	268.2	22.2	267.7	22.6	267.1	23.1	266.2	23.8
	26	24	286.8	20.9	285.5	21.9	284.6	22.6	284.0	23.1	283.4	23.5	282.4	24.3
	30	28	303.6	21.2	302.3	22.2	301.3	22.9	300.6	23.4	300.0	23.9	299.0	24.6
	35	32	320.7	21.5	319.3	22.5	318.3	23.2	317.6	23.7	316.9	24.2	308.1	24.2
	39	36	338.1	21.6	336.7	22.6	335.6	23.4	334.8	23.9	332.9	24.2	308.1	22.9
	44	40	355.9	21.7	354.4	22.7	353.2	23.4	349.0	23.6	332.9	22.8	308.1	21.6
	47	43	369.4	21.6	367.8	22.6	365.0	23.3	349.0	22.6	332.9	21.8	308.1	20.6
	51	47	387.7	21.5	386.0	22.5	365.0	21.8	349.0	21.1	332.9	20.4	308.1	19.3
	54	50	401.6	21.3	389.9	21.6	365.0	20.7	349.0	20.0	332.9	19.4	308.1	18.3
	57	53	415.7	21.1	389.9	20.4	365.0	19.6	349.0	19.0	332.9	18.3	308.1	17.3
	60	56	422.0	20.3	389.9	19.3	365.0	18.5	349.0	17.9	332.9	17.3	308.1	16.3
130	-12.6	-13	145.5	15.9	144.9	16.6	144.4	17.2	144.1	17.5	143.8	17.9	143.3	18.5
	-9	-9.4	164.3	17.0	163.6	17.8	163.1	18.4	162.7	18.8	162.4	19.2	161.8	19.8
	-3.64	-4	177.1	17.7	176.4	18.6	175.8	19.2	175.4	19.6	175.0	20.0	174.5	20.6
	-1.84	-2.2	183.6	18.1	182.9	18.9	182.3	19.6	181.9	20.0	181.5	20.4	180.9	21.0
	5.5	5	210.3	19.4	209.4	20.3	208.7	21.0	208.3	21.5	207.8	21.9	207.2	22.6
	9.5	8.5	223.7	20.0	222.7	20.9	222.0	21.6	221.5	22.1	221.0	22.5	220.3	23.2
	13	12	237.2	20.6	236.2	21.5	235.4	22.2	234.9	22.7	234.4	23.2	233.6	23.9
	15	14	245.1	20.8	244.0	21.8	243.2	22.5	242.7	23.0	242.2	23.5	241.4	24.2
	17	15.5	251.0	21.0	250.0	22.0	249.1	22.8	248.6	23.2	248.1	23.7	247.3	24.4
	19	18	261.0	21.4	259.9	22.4	259.1	23.1	258.5	23.6	258.0	24.1	257.1	24.8
	22	20	269.1	21.6	268.0	22.6	267.1	23.4	266.5	23.9	266.0	24.3	265.1	25.1
	26	24	285.6	22.0	284.4	23.1	283.4	23.8	282.8	24.3	282.2	24.8	281.3	25.6
	30	28	302.3	22.4	301.0	23.4	300.0	24.2	299.4	24.7	298.7	25.2	297.7	26.0
	35	32	319.4	22.6	318.0	23.7	316.9	24.5	316.3	25.0	315.6	25.5	306.8	25.5
	39	36	336.7	22.8	335.3	23.8	334.2	24.6	333.5	25.1	331.5	25.5	306.8	24.1
	44	40	354.4	22.9	352.9	23.9	351.7	24.7	347.5	24.9	331.5	24.1	306.8	22.7
	47	43	367.8	22.8	366.3	23.9	363.5	24.5	347.5	23.8	331.5	23.0	306.8	21.7
	51	47	386.1	22.7	384.4	23.7	363.5	23.0	347.5	22.3	331.5	21.5	306.8	20.3
	54	50	399.9	22.5	388.2	22.8	363.5	21.8	347.5	21.1	331.5	20.4	306.8	19.3
	57	53	414.0	22.2	388.2	21.6	363.5	20.6	347.5	20.0	331.5	19.3	306.8	18.3
	60	56	420.2	21.4	388.2	20.3	363.5	19.5	347.5	18.9	331.5	18.2	306.8	17.2

Tc: Total Capacity PI: Power Input

Table 175 - 38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	-12.6	-13	144.9	16.7	144.3	17.5	143.8	18.1	143.5	18.5	143.2	18.8	142.7	19.4
	-9	-9.4	163.6	17.9	162.9	18.7	162.4	19.4	162.0	19.8	161.7	20.2	161.1	20.8
	-3.64	-4	176.4	18.7	175.6	19.5	175.1	20.2	174.7	20.6	174.3	21.1	173.7	21.7
	-1.84	-2.2	182.9	19.0	182.1	19.9	181.5	20.6	181.1	21.0	180.7	21.5	180.1	22.1
	5.5	5	209.4	20.4	208.6	21.4	207.9	22.1	207.4	22.6	207.0	23.0	206.3	23.7
	9.5	8.5	222.7	21.0	221.8	22.0	221.0	22.8	220.6	23.2	220.1	23.7	219.4	24.4
	13	12	236.2	21.6	235.2	22.6	234.5	23.4	234.0	23.9	233.5	24.4	232.7	25.1
	15	14	244.1	21.9	243.0	22.9	242.2	23.7	241.7	24.2	241.2	24.7	240.4	25.5
	17	15.5	250.0	22.1	248.9	23.2	248.1	23.9	247.6	24.4	247.0	24.9	246.2	25.7
	19	18	260.0	22.5	258.9	23.5	258.0	24.3	257.4	24.8	256.9	25.3	256.0	26.1
	22	20	268.0	22.7	266.9	23.8	266.0	24.6	265.4	25.1	264.9	25.6	264.0	26.4
	26	24	284.4	23.2	283.2	24.2	282.2	25.0	281.6	25.6	281.0	26.1	280.1	26.9
	30	28	301.0	23.5	299.8	24.6	298.8	25.4	298.1	26.0	297.5	26.5	296.5	27.3
	35	32	318.0	23.8	316.7	24.9	315.6	25.7	315.0	26.3	314.3	26.8	305.5	26.8
	39	36	335.3	24.0	333.9	25.1	332.8	25.9	332.1	26.4	330.2	26.9	305.5	25.4
	44	40	352.9	24.0	351.4	25.1	350.3	26.0	346.1	26.2	330.2	25.3	305.5	23.9
	47	43	366.3	24.0	364.8	25.1	362.0	25.8	346.1	25.0	330.2	24.2	305.5	22.8
	51	47	384.5	23.8	382.8	24.9	362.0	24.1	346.1	23.4	330.2	22.6	305.5	21.4
	54	50	398.3	23.6	386.6	23.9	362.0	22.9	346.1	22.2	330.2	21.5	305.5	20.3
	57	53	412.3	23.3	386.6	22.6	362.0	21.7	346.1	21.0	330.2	20.3	305.5	19.2
	60	56	418.5	22.4	386.6	21.4	362.0	20.4	346.1	19.8	330.2	19.2	305.5	18.1
110	-12.6	-13	144.3	17.5	143.7	18.3	143.2	19.0	142.9	19.4	142.6	19.8	142.1	20.4
	-9	-9.4	162.9	18.8	162.2	19.6	161.7	20.3	161.4	20.8	161.0	21.2	160.5	21.8
	-3.64	-4	175.7	19.6	174.9	20.5	174.3	21.2	174.0	21.6	173.6	22.1	173.0	22.8
	-1.84	-2.2	182.1	20.0	181.3	20.9	180.7	21.6	180.4	22.1	180.0	22.5	179.4	23.2
	5.5	5	208.6	21.4	207.7	22.4	207.0	23.2	206.6	23.7	206.1	24.1	205.4	24.9
	9.5	8.5	221.8	22.1	220.8	23.1	220.1	23.9	219.6	24.4	219.2	24.9	218.4	25.6
	13	12	235.3	22.7	234.2	23.7	233.5	24.5	233.0	25.0	232.5	25.5	231.7	26.3
	15	14	243.0	23.0	242.0	24.0	241.2	24.8	240.7	25.4	240.2	25.9	239.4	26.7
	17	15.5	248.9	23.2	247.9	24.3	247.1	25.1	246.5	25.6	246.0	26.1	245.2	26.9
	19	18	258.9	23.6	257.8	24.6	256.9	25.5	256.4	26.0	255.8	26.5	255.0	27.4
	22	20	266.9	23.8	265.8	24.9	264.9	25.8	264.3	26.3	263.8	26.8	262.9	27.7
	26	24	283.2	24.3	282.0	25.4	281.1	26.3	280.5	26.8	279.8	27.3	278.9	28.2
	30	28	299.8	24.7	298.5	25.8	297.5	26.7	296.9	27.2	296.3	27.8	295.3	28.6
	35	32	316.7	24.9	315.3	26.1	314.3	27.0	313.6	27.5	313.0	28.1	304.3	28.1
	39	36	333.9	25.1	332.5	26.3	331.4	27.1	330.7	27.7	328.8	28.1	304.3	26.6
	44	40	351.4	25.2	349.9	26.3	348.8	27.2	344.6	27.4	328.8	26.5	304.3	25.1
	47	43	364.8	25.1	363.2	26.3	360.5	27.0	344.6	26.2	328.8	25.3	304.3	23.9
	51	47	382.8	25.0	381.2	26.1	360.5	25.3	344.6	24.5	328.8	23.7	304.3	22.4
	54	50	396.6	24.8	385.0	25.1	360.5	24.0	344.6	23.3	328.8	22.5	304.3	21.3
	57	53	410.5	24.5	385.0	23.7	360.5	22.7	344.6	22.0	328.8	21.3	304.3	20.1
	60	56	416.7	23.5	385.0	22.4	360.5	21.4	344.6	20.8	328.8	20.1	304.3	19.0
100	-12.6	-13	143.7	18.3	143.1	19.2	142.6	19.8	142.3	20.3	142.0	20.7	141.5	21.3
	-9	-9.4	162.2	19.6	161.6	20.6	161.0	21.3	160.7	21.7	160.3	22.2	159.8	22.9
	-3.64	-4	174.9	20.5	174.2	21.4	173.6	22.2	173.2	22.6	172.9	23.1	172.3	23.8
	-1.84	-2.2	181.4	20.9	180.6	21.9	180.0	22.6	179.6	23.1	179.2	23.6	178.6	24.3
	5.5	5	207.7	22.4	206.8	23.4	206.1	24.2	205.7	24.7	205.2	25.3	204.6	26.0
	9.5	8.5	220.9	23.1	219.9	24.1	219.2	25.0	218.7	25.5	218.3	26.0	217.5	26.8
	13	12	234.3	23.7	233.3	24.8	232.5	25.6	232.0	26.2	231.5	26.7	230.7	27.5
	15	14	242.0	24.0	241.0	25.1	240.2	26.0	239.7	26.5	239.2	27.1	238.4	27.9
	17	15.5	247.9	24.3	246.8	25.4	246.0	26.2	245.5	26.8	245.0	27.3	244.2	28.2
	19	18	257.8	24.6	256.7	25.8	255.8	26.6	255.3	27.2	254.7	27.8	253.9	28.6
	22	20	265.8	24.9	264.6	26.1	263.8	26.9	263.2	27.5	262.6	28.1	261.8	28.9
	26	24	282.0	25.4	280.8	26.6	279.9	27.4	279.3	28.0	278.7	28.6	277.7	29.5
	30	28	298.5	25.8	297.3	27.0	296.3	27.9	295.6	28.4	295.0	29.0	294.0	29.9
	35	32	315.4	26.1	314.0	27.3	313.0	28.2	312.3	28.8	311.6	29.3	302.8	29.4
	39	36	332.5	26.2	331.1	27.4	330.0	28.4	329.3	29.0	327.2	29.4	302.8	27.8
	44	40	350.0	26.3	348.5	27.5	347.3	28.4	343.0	28.7	327.2	27.7	302.8	26.2
	47	43	363.3	26.3	361.7	27.5	358.8	28.2	343.0	27.4	327.2	26.5	302.8	25.0
	51	47	381.2	26.1	379.6	27.3	358.8	26.4	343.0	25.6	327.2	24.8	302.8	23.4
	54	50	394.9	25.9	383.2	26.2	358.8	25.1	343.0	24.3	327.2	23.5	302.8	22.2
	57	53	408.8	25.6	383.2	24.8	358.8	23.7	343.0	23.0	327.2	22.2	302.8	21.0
	60	56	414.8	24.5	383.2	23.4	358.8	22.4	343.0	21.7	327.2	21.0	302.8	19.8

Tc: Total Capacity PI: Power Input

Table 176 - 38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	143.1	19.1	142.5	20.0	142.0	20.7	141.7	21.2	141.4	21.6	140.9	22.3
	-9	-9.4	161.6	20.5	160.9	21.5	160.3	22.2	160.0	22.7	159.7	23.1	159.1	23.9
	-3.64	-4	174.2	21.4	173.4	22.4	172.9	23.1	172.5	23.6	172.1	24.1	171.6	24.9
	-1.84	-2.2	180.6	21.8	179.8	22.8	179.2	23.6	178.8	24.1	178.5	24.6	177.9	25.3
	5.5	5	206.8	23.4	205.9	24.5	205.3	25.3	204.8	25.8	204.4	26.4	203.7	27.2
	9.5	8.5	219.9	24.1	219.0	25.2	218.3	26.0	217.8	26.6	217.3	27.1	216.6	28.0
	13	12	233.3	24.7	232.3	25.9	231.5	26.7	231.0	27.3	230.5	27.9	229.8	28.7
	15	14	241.0	25.1	240.0	26.2	239.2	27.1	238.7	27.7	238.2	28.2	237.4	29.1
	17	15.5	246.9	25.3	245.8	26.5	245.0	27.4	244.5	27.9	243.9	28.5	243.1	29.4
	19	18	256.7	25.7	255.6	26.9	254.8	27.8	254.2	28.4	253.7	28.9	252.8	29.8
	22	20	264.7	26.0	263.5	27.2	262.7	28.1	262.1	28.7	261.5	29.3	260.7	30.2
	26	24	280.8	26.5	279.6	27.7	278.7	28.6	278.1	29.2	277.5	29.8	272.5	30.2
	30	28	297.3	26.9	296.0	28.1	295.0	29.1	294.4	29.7	293.8	30.3	272.5	28.8
	35	32	314.0	27.2	312.7	28.4	311.7	29.4	308.7	29.7	294.5	28.8	272.5	27.3
	39	36	331.1	27.4	329.7	28.6	322.9	29.0	308.7	28.1	294.5	27.2	272.5	25.8
	44	40	348.5	27.4	344.9	28.5	322.9	27.3	308.7	26.5	294.5	25.7	272.5	24.3
	47	43	361.7	27.4	344.9	27.2	322.9	26.1	308.7	25.3	294.5	24.5	272.5	23.2
	51	47	373.3	26.7	344.9	25.4	322.9	24.4	308.7	23.7	294.5	23.0	272.5	21.7
	54	50	373.3	25.3	344.9	24.1	322.9	23.2	308.7	22.5	294.5	21.8	272.5	20.6
	57	53	373.3	23.9	344.9	22.9	322.9	21.9	308.7	21.3	294.5	20.6	272.5	19.5
	60	56	373.3	22.6	344.9	21.6	322.9	20.7	308.7	20.1	294.5	19.4	272.5	18.4
80	-12.6	-13	142.5	19.9	141.9	20.9	141.4	21.6	141.1	22.0	140.8	22.5	140.3	23.2
	-9	-9.4	160.9	21.4	160.2	22.4	159.7	23.1	159.3	23.6	159.0	24.1	158.5	24.8
	-3.64	-4	173.4	22.3	172.7	23.3	172.1	24.1	171.8	24.6	171.4	25.1	170.8	25.9
	-1.84	-2.2	179.8	22.7	179.1	23.8	178.5	24.6	178.1	25.1	177.7	25.6	177.1	26.4
	5.5	5	205.9	24.3	205.1	25.5	204.4	26.3	204.0	26.9	203.5	27.4	202.8	28.3
	9.5	8.5	219.0	25.1	218.1	26.2	217.3	27.1	216.9	27.7	216.4	28.3	215.7	29.1
	13	12	232.3	25.7	231.3	26.9	230.5	27.8	230.0	28.4	229.5	29.0	228.8	29.9
	15	14	240.0	26.1	239.0	27.3	238.2	28.2	237.7	28.8	237.2	29.4	236.4	30.3
	17	15.5	245.8	26.4	244.8	27.6	244.0	28.5	243.4	29.1	242.9	29.7	242.1	30.6
	19	18	255.6	26.8	254.5	28.0	253.7	28.9	253.1	29.5	252.6	30.1	242.3	29.8
	22	20	263.5	27.0	262.4	28.3	261.6	29.2	261.0	29.9	260.4	30.5	242.3	29.1
	26	24	279.6	27.6	278.4	28.8	277.5	29.8	274.4	30.1	261.8	29.2	242.3	27.7
	30	28	296.0	28.0	294.8	29.3	287.0	29.5	274.4	28.6	261.8	27.8	242.3	26.4
	35	32	312.7	28.3	306.5	29.1	287.0	27.9	274.4	27.2	261.8	26.4	242.3	25.0
	39	36	329.7	28.5	306.5	27.5	287.0	26.4	274.4	25.7	261.8	24.9	242.3	23.7
	44	40	331.8	27.1	306.5	25.9	287.0	24.9	274.4	24.2	261.8	23.5	242.3	22.3
	47	43	331.8	25.8	306.5	24.7	287.0	23.8	274.4	23.1	261.8	22.4	242.3	21.3
	51	47	331.8	24.2	306.5	23.2	287.0	22.3	274.4	21.7	261.8	21.0	242.3	19.9
	54	50	331.8	22.9	306.5	22.0	287.0	21.1	274.4	20.5	261.8	19.9	242.3	18.9
	57	53	331.8	21.7	306.5	20.8	287.0	20.0	274.4	19.4	261.8	18.9	242.3	17.9
	60	56	331.8	20.5	306.5	19.6	287.0	18.9	274.4	18.3	261.8	17.8	242.3	16.9
70	-12.6	-13	141.9	20.7	141.3	21.7	140.8	22.4	140.5	22.9	140.2	23.4	139.7	24.1
	-9	-9.4	160.2	22.2	159.5	23.2	159.0	24.0	158.6	24.5	158.3	25.1	157.8	25.8
	-3.64	-4	172.7	23.1	172.0	24.2	171.4	25.0	171.0	25.6	170.7	26.1	170.1	26.9
	-1.84	-2.2	179.1	23.6	178.3	24.7	177.7	25.5	177.3	26.1	176.9	26.6	176.4	27.4
	5.5	5	205.1	25.3	204.2	26.5	203.5	27.4	203.1	27.9	202.6	28.5	202.0	29.4
	9.5	8.5	218.1	26.0	217.1	27.3	216.4	28.2	216.0	28.8	215.5	29.4	212.0	29.8
	13	12	231.3	26.7	230.3	28.0	229.6	28.9	229.1	29.5	228.6	30.1	212.0	28.8
	15	14	239.0	27.1	237.9	28.4	237.2	29.3	236.7	29.9	229.0	29.6	212.0	28.2
	17	15.5	244.8	27.4	243.7	28.6	242.9	29.6	240.1	29.9	229.0	29.1	212.0	27.7
	19	18	254.5	27.8	253.4	29.1	251.2	29.9	240.1	29.1	229.0	28.3	212.0	26.9
	22	20	262.4	28.1	261.3	29.4	251.2	29.2	240.1	28.4	229.0	27.6	212.0	26.3
	26	24	278.4	28.6	268.2	28.9	251.2	27.8	240.1	27.1	229.0	26.3	212.0	25.1
	30	28	290.3	28.6	268.2	27.4	251.2	26.5	240.1	25.8	229.0	25.1	212.0	23.9
	35	32	290.3	27.1	268.2	26.0	251.2	25.1	240.1	24.5	229.0	23.8	212.0	22.6
	39	36	290.3	25.6	268.2	24.6	251.2	23.7	240.1	23.1	229.0	22.5	212.0	21.4
	44	40	290.3	24.2	268.2	23.2	251.2	22.4	240.1	21.8	229.0	21.2	212.0	20.2
	47	43	290.3	23.1	268.2	22.2	251.2	21.4	240.1	20.8	229.0	20.2	212.0	19.3
	51	47	290.3	21.6	268.2	20.7	251.2	20.0	240.1	19.5	229.0	18.9	212.0	18.0
	54	50	290.3	20.5	268.2	19.7	251.2	19.0	240.1	18.5	229.0	18.0	212.0	17.1
	57	53	290.3	19.4	268.2	18.6	251.2	18.0	240.1	17.5	229.0	17.0	212.0	16.2
	60	56	290.3	18.3	268.2	17.6	251.2	16.9	240.1	16.5	229.0	16.0	212.0	15.3

Tc: Total Capacity PI: Power Input

Table 177 - 38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	141.3	21.5	140.7	22.5	140.2	23.3	139.9	23.8	139.6	24.3	139.1	25.0
	-9	-9.4	159.5	23.0	158.8	24.1	158.3	24.9	158.0	25.5	157.6	26.0	157.1	26.8
	-3.64	-4	172.0	24.0	171.2	25.1	170.7	26.0	170.3	26.5	169.9	27.1	169.4	27.9
	-1.84	-2.2	178.3	24.5	177.5	25.6	176.9	26.5	176.6	27.1	176.2	27.6	175.6	28.5
	5.5	5	204.2	26.2	203.3	27.5	202.7	28.4	202.2	29.0	196.3	28.8	181.7	27.5
	9.5	8.5	217.1	27.0	216.2	28.3	215.3	29.2	205.8	28.5	196.3	27.8	181.7	26.5
	13	12	230.3	27.7	229.3	29.0	215.3	28.1	205.8	27.5	196.3	26.8	181.7	25.6
	15	14	237.9	28.1	229.9	28.5	215.3	27.5	205.8	26.9	196.3	26.2	181.7	25.0
	17	15.5	243.7	28.4	229.9	28.0	215.3	27.1	205.8	26.4	196.3	25.8	181.7	24.6
	19	18	248.9	28.3	229.9	27.2	215.3	26.3	205.8	25.7	196.3	25.1	181.7	24.0
	22	20	248.9	27.6	229.9	26.6	215.3	25.7	205.8	25.1	196.3	24.5	181.7	23.4
	26	24	248.9	26.3	229.9	25.4	215.3	24.5	205.8	24.0	196.3	23.3	181.7	22.3
	30	28	248.9	25.0	229.9	24.1	215.3	23.3	205.8	22.8	196.3	22.2	181.7	21.2
	35	32	248.9	23.7	229.9	22.9	215.3	22.1	205.8	21.6	196.3	21.1	181.7	20.1
	39	36	248.9	22.5	229.9	21.7	215.3	20.9	205.8	20.4	196.3	19.9	181.7	19.0
	44	40	248.9	21.2	229.9	20.4	215.3	19.7	205.8	19.3	196.3	18.8	181.7	18.0
	47	43	248.9	20.2	229.9	19.5	215.3	18.8	205.8	18.4	196.3	17.9	181.7	17.1
	51	47	248.9	18.9	229.9	18.2	215.3	17.6	205.8	17.2	196.3	16.8	181.7	16.0
	54	50	248.9	18.0	229.9	17.3	215.3	16.7	205.8	16.3	196.3	15.9	181.7	15.2
	57	53	248.9	17.0	229.9	16.4	215.3	15.8	205.8	15.5	196.3	15.1	181.7	14.4
	60	56	248.9	16.0	229.9	15.5	215.3	14.9	205.8	14.6	196.3	14.2	181.7	13.6
50	-12.6	-13	140.7	22.3	140.1	23.3	139.6	24.1	139.3	24.7	139.0	25.2	138.6	26.0
	-9	-9.4	158.8	23.9	158.1	25.0	157.6	25.8	157.3	26.4	157.0	26.9	151.4	26.9
	-3.64	-4	171.2	24.9	170.5	26.0	169.9	26.9	169.6	27.5	163.6	27.2	151.4	26.1
	-1.84	-2.2	177.5	25.4	176.8	26.5	176.2	27.4	171.5	27.3	163.6	26.7	151.4	25.6
	5.5	5	203.3	27.2	191.6	26.9	179.4	26.1	171.5	25.5	163.6	24.9	151.4	23.9
	9.5	8.5	207.4	26.8	191.6	25.9	179.4	25.2	171.5	24.6	163.6	24.1	151.4	23.1
	13	12	207.4	25.8	191.6	25.0	179.4	24.3	171.5	23.7	163.6	23.2	151.4	22.3
	15	14	207.4	25.3	191.6	24.5	179.4	23.8	171.5	23.2	163.6	22.7	151.4	21.8
	17	15.5	207.4	24.9	191.6	24.1	179.4	23.4	171.5	22.9	163.6	22.3	151.4	21.4
	19	18	207.4	24.2	191.6	23.4	179.4	22.7	171.5	22.2	163.6	21.7	151.4	20.8
	22	20	207.4	23.6	191.6	22.9	179.4	22.2	171.5	21.7	163.6	21.2	151.4	20.4
	26	24	207.4	22.5	191.6	21.8	179.4	21.2	171.5	20.7	163.6	20.2	151.4	19.4
	30	28	207.4	21.4	191.6	20.7	179.4	20.1	171.5	19.7	163.6	19.2	151.4	18.5
	35	32	207.4	20.3	191.6	19.7	179.4	19.1	171.5	18.7	163.6	18.3	151.4	17.5
	39	36	207.4	19.2	191.6	18.6	179.4	18.1	171.5	17.7	163.6	17.3	151.4	16.6
	44	40	207.4	18.1	191.6	17.5	179.4	17.0	171.5	16.7	163.6	16.3	151.4	15.6
	47	43	207.4	17.3	191.6	16.7	179.4	16.3	171.5	15.9	163.6	15.5	151.4	14.9
	51	47	207.4	16.2	191.6	15.7	179.4	15.2	171.5	14.9	163.6	14.5	151.4	14.0
	54	50	207.4	15.4	191.6	14.9	179.4	14.4	171.5	14.1	163.6	13.8	151.4	13.3
	57	53	207.4	14.5	191.6	14.1	179.4	13.7	171.5	13.4	163.6	13.1	151.4	12.5
	60	56	207.4	13.7	191.6	13.3	179.4	12.9	171.5	12.6	163.6	12.3	151.4	11.8

Tc: Total Capacity PI: Power Input

Table 178 - 38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
150	-12.6	-13	147.2	14.8	146.6	15.5	146.1	16.1	145.8	16.4	145.4	16.7	145.0	17.3
	-9	-9.4	166.2	15.9	165.5	16.6	164.9	17.2	164.6	17.6	164.2	17.9	163.7	18.5
	-3.64	-4	179.1	16.6	178.4	17.3	177.8	17.9	177.4	18.3	177.0	18.7	176.4	19.3
	-1.84	-2.2	185.7	16.9	184.9	17.7	184.3	18.3	183.9	18.7	183.5	19.1	182.9	19.7
	5.5	5	212.7	18.1	211.8	19.0	211.1	19.6	210.7	20.0	210.2	20.4	209.5	21.1
	9.5	8.5	226.2	18.7	225.2	19.5	224.5	20.2	224.0	20.6	223.5	21.0	222.8	21.7
	13	12	239.9	19.2	238.9	20.1	238.1	20.7	237.6	21.2	237.1	21.6	236.3	22.3
	15	14	247.9	19.4	246.8	20.3	246.0	21.0	245.5	21.5	245.0	21.9	244.1	22.6
	17	15.5	253.9	19.6	252.8	20.5	252.0	21.2	251.4	21.7	250.9	22.1	250.1	22.8
	19	18	264.0	19.9	262.9	20.8	262.0	21.5	261.5	22.0	260.9	22.4	260.0	23.1
	22	20	272.2	20.1	271.0	21.1	270.2	21.8	269.6	22.2	269.0	22.7	268.1	23.4
	26	24	288.8	20.5	287.6	21.5	286.6	22.2	286.0	22.7	285.4	23.1	284.5	23.8
	30	28	305.7	20.8	304.4	21.8	303.4	22.5	302.8	23.0	302.1	23.5	301.1	24.2
	35	32	323.0	21.1	321.6	22.0	320.6	22.8	319.9	23.3	319.2	23.7	318.1	24.5
	39	36	340.5	21.2	339.1	22.2	338.0	22.9	337.3	23.4	336.5	23.9	318.4	23.2
	44	40	358.4	21.3	356.9	22.2	355.7	23.0	355.0	23.5	344.0	23.1	318.4	21.8
	47	43	372.0	21.2	370.5	22.2	369.2	22.9	360.6	22.8	344.0	22.1	318.4	20.8
	51	47	390.5	21.1	388.8	22.1	377.2	22.1	360.6	21.4	344.0	20.7	318.4	19.5
	54	50	404.5	20.9	402.8	21.9	377.2	20.9	360.6	20.3	344.0	19.6	318.4	18.5
	57	53	418.7	20.7	402.9	20.7	377.2	19.8	360.6	19.2	344.0	18.6	318.4	17.5
	60	56	433.1	20.3	402.9	19.5	377.2	18.7	360.6	18.1	344.0	17.5	318.4	16.5
140	-12.6	-13	146.6	15.7	145.9	16.5	145.5	17.0	145.2	17.4	144.8	17.7	144.4	18.3
	-9	-9.4	165.5	16.8	164.8	17.6	164.2	18.2	163.9	18.6	163.5	19.0	163.0	19.6
	-3.64	-4	178.4	17.5	177.6	18.4	177.1	19.0	176.7	19.4	176.3	19.8	175.7	20.4
	-1.84	-2.2	185.0	17.9	184.2	18.7	183.6	19.4	183.2	19.8	182.8	20.2	182.2	20.8
	5.5	5	211.8	19.2	210.9	20.1	210.2	20.8	209.8	21.2	209.3	21.6	208.6	22.3
	9.5	8.5	225.3	19.8	224.3	20.7	223.6	21.4	223.1	21.8	222.6	22.3	221.9	23.0
	13	12	238.9	20.3	237.9	21.2	237.1	21.9	236.6	22.4	236.1	22.9	235.3	23.6
	15	14	246.9	20.6	245.8	21.5	245.0	22.2	244.5	22.7	243.9	23.2	243.1	23.9
	17	15.5	252.8	20.8	251.8	21.7	250.9	22.5	250.4	22.9	249.9	23.4	249.0	24.1
	19	18	262.9	21.1	261.8	22.1	260.9	22.8	260.4	23.3	259.8	23.8	259.0	24.5
	22	20	271.1	21.3	269.9	22.3	269.0	23.1	268.5	23.5	267.9	24.0	267.0	24.8
	26	24	287.6	21.7	286.4	22.7	285.5	23.5	284.8	24.0	284.2	24.5	283.3	25.2
	30	28	304.5	22.1	303.2	23.1	302.2	23.9	301.5	24.3	300.9	24.8	299.9	25.6
	35	32	321.7	22.3	320.3	23.3	319.2	24.1	318.5	24.6	317.9	25.1	316.8	25.9
	39	36	339.1	22.5	337.7	23.5	336.6	24.3	335.9	24.8	335.1	25.3	317.1	24.5
	44	40	356.9	22.5	355.4	23.5	354.2	24.3	353.5	24.8	342.6	24.5	317.1	23.1
	47	43	370.5	22.5	368.9	23.5	367.7	24.3	359.2	24.2	342.6	23.3	317.1	22.0
	51	47	388.8	22.3	387.2	23.3	375.7	23.3	359.2	22.6	342.6	21.9	317.1	20.6
	54	50	402.8	22.1	401.1	23.1	375.7	22.1	359.2	21.5	342.6	20.7	317.1	19.6
	57	53	417.0	21.9	401.2	21.9	375.7	21.0	359.2	20.3	342.6	19.6	317.1	18.5
	60	56	431.3	21.5	401.2	20.7	375.7	19.8	359.2	19.2	342.6	18.5	317.1	17.5
130	-12.6	-13	146.0	16.6	145.3	17.4	144.9	18.0	144.6	18.3	144.2	18.7	143.8	19.3
	-9	-9.4	164.8	17.8	164.1	18.6	163.6	19.2	163.2	19.6	162.9	20.1	162.3	20.7
	-3.64	-4	177.7	18.5	176.9	19.4	176.3	20.0	176.0	20.5	175.6	20.9	175.0	21.5
	-1.84	-2.2	184.2	18.9	183.4	19.8	182.8	20.4	182.4	20.9	182.0	21.3	181.4	22.0
	5.5	5	211.0	20.2	210.1	21.2	209.4	21.9	208.9	22.4	208.5	22.8	207.8	23.5
	9.5	8.5	224.3	20.8	223.4	21.8	222.6	22.5	222.2	23.0	221.7	23.5	220.9	24.2
	13	12	237.9	21.4	236.9	22.4	236.1	23.1	235.6	23.6	235.1	24.1	234.4	24.9
	15	14	245.8	21.7	244.8	22.7	244.0	23.5	243.5	24.0	242.9	24.5	242.1	25.2
	17	15.5	251.8	21.9	250.7	22.9	249.9	23.7	249.4	24.2	248.8	24.7	248.0	25.4
	19	18	261.8	22.2	260.7	23.3	259.9	24.1	259.3	24.6	258.7	25.1	257.9	25.8
	22	20	270.0	22.5	268.8	23.5	267.9	24.3	267.3	24.8	266.8	25.3	265.9	26.1
	26	24	286.4	22.9	285.2	24.0	284.3	24.8	283.7	25.3	283.1	25.8	282.1	26.6
	30	28	303.2	23.3	301.9	24.3	300.9	25.2	300.3	25.7	299.6	26.2	298.6	27.0
	35	32	320.3	23.5	319.0	24.6	317.9	25.4	317.2	26.0	316.5	26.5	315.5	27.3
	39	36	337.7	23.7	336.3	24.8	335.2	25.6	334.5	26.1	333.8	26.7	315.8	25.8
	44	40	355.5	23.7	353.9	24.8	352.8	25.6	352.0	26.2	341.2	25.8	315.8	24.4
	47	43	369.0	23.7	367.4	24.8	366.2	25.6	357.7	25.5	341.2	24.6	315.8	23.2
	51	47	387.2	23.5	385.6	24.6	374.1	24.6	357.7	23.8	341.2	23.0	315.8	21.8
	54	50	401.1	23.3	399.4	24.4	374.1	23.3	357.7	22.6	341.2	21.9	315.8	20.7
	57	53	415.2	23.0	399.6	23.1	374.1	22.1	357.7	21.4	341.2	20.7	315.8	19.5
	60	56	429.5	22.7	399.6	21.8	374.1	20.8	357.7	20.2	341.2	19.5	315.8	18.4

Tc: Total Capacity PI: Power Input

Table 179 - 38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	-12.6	-13	145.4	17.5	144.7	18.3	144.3	18.9	143.9	19.3	143.6	19.7	143.2	20.3
	-9	-9.4	164.1	18.7	163.4	19.6	162.9	20.2	162.5	20.7	162.2	21.1	161.6	21.8
	-3.64	-4	176.9	19.5	176.2	20.4	175.6	21.1	175.2	21.5	174.8	22.0	174.3	22.7
	-1.84	-2.2	183.4	19.9	182.7	20.8	182.0	21.5	181.7	21.9	181.3	22.4	180.7	23.1
	5.5	5	210.1	21.3	209.2	22.3	208.5	23.0	208.0	23.5	207.6	24.0	206.9	24.7
	9.5	8.5	223.4	21.9	222.4	22.9	221.7	23.7	221.2	24.2	220.8	24.7	220.0	25.5
	13	12	237.0	22.5	235.9	23.5	235.2	24.3	234.7	24.9	234.2	25.4	233.4	26.1
	15	14	244.8	22.8	243.8	23.9	243.0	24.7	242.4	25.2	241.9	25.7	241.1	26.5
	17	15.5	250.7	23.0	249.7	24.1	248.9	24.9	248.3	25.4	247.8	26.0	247.0	26.8
	19	18	260.7	23.4	259.6	24.5	258.8	25.3	258.2	25.8	257.7	26.3	256.8	27.2
	22	20	268.8	23.6	267.7	24.7	266.8	25.6	266.2	26.1	265.7	26.6	264.8	27.5
	26	24	285.2	24.1	284.0	25.2	283.1	26.0	282.5	26.6	281.9	27.1	280.9	28.0
	30	28	302.0	24.5	300.7	25.6	299.7	26.4	299.0	27.0	298.4	27.5	297.4	28.4
	35	32	319.0	24.7	317.6	25.9	316.6	26.7	315.9	27.3	315.2	27.8	314.2	28.7
	39	36	336.3	24.9	334.9	26.0	333.8	26.9	333.1	27.5	332.4	28.0	314.4	27.2
	44	40	354.0	24.9	352.5	26.1	351.3	26.9	350.6	27.5	339.8	27.1	314.4	25.6
	47	43	367.4	24.9	365.9	26.0	364.7	26.9	356.2	26.8	339.8	25.9	314.4	24.4
	51	47	385.6	24.7	384.0	25.9	372.6	25.9	356.2	25.1	339.8	24.2	314.4	22.9
	54	50	399.5	24.5	397.8	25.6	372.6	24.5	356.2	23.8	339.8	23.0	314.4	21.7
	57	53	413.5	24.2	397.9	24.3	372.6	23.2	356.2	22.5	339.8	21.8	314.4	20.5
	60	56	427.7	23.8	397.9	22.9	372.6	21.9	356.2	21.2	339.8	20.5	314.4	19.4
110	-12.6	-13	144.7	18.3	144.1	19.2	143.7	19.8	143.3	20.3	143.0	20.7	142.6	21.3
	-9	-9.4	163.4	19.6	162.7	20.5	162.2	21.2	161.8	21.7	161.5	22.1	161.0	22.8
	-3.64	-4	176.2	20.4	175.4	21.4	174.9	22.1	174.5	22.6	174.1	23.1	173.5	23.8
	-1.84	-2.2	182.7	20.8	181.9	21.8	181.3	22.5	180.9	23.0	180.5	23.5	179.9	24.2
	5.5	5	209.2	22.3	208.3	23.4	207.6	24.2	207.2	24.7	206.7	25.2	206.0	26.0
	9.5	8.5	222.5	23.0	221.5	24.0	220.8	24.9	220.3	25.4	219.8	25.9	219.1	26.7
	13	12	236.0	23.6	235.0	24.7	234.2	25.5	233.7	26.1	233.2	26.6	232.4	27.4
	15	14	243.8	23.9	242.7	25.0	241.9	25.9	241.4	26.4	240.9	27.0	240.1	27.8
	17	15.5	249.7	24.2	248.6	25.3	247.8	26.1	247.3	26.7	246.8	27.2	245.9	28.1
	19	18	259.7	24.5	258.6	25.6	257.7	26.5	257.1	27.1	256.6	27.6	255.7	28.5
	22	20	267.7	24.8	266.6	25.9	265.7	26.8	265.1	27.4	264.6	27.9	263.7	28.8
	26	24	284.0	25.3	282.8	26.4	281.9	27.3	281.3	27.9	280.7	28.4	279.8	29.3
	30	28	300.7	25.6	299.4	26.8	298.4	27.7	297.8	28.3	297.1	28.9	296.2	29.8
	35	32	317.7	25.9	316.3	27.1	315.3	28.0	314.6	28.6	313.9	29.2	312.9	30.1
	39	36	334.9	26.1	333.5	27.3	332.4	28.2	331.7	28.8	331.0	29.4	313.1	28.5
	44	40	352.5	26.1	351.0	27.3	349.8	28.2	349.1	28.8	338.4	28.4	313.1	26.8
	47	43	365.9	26.1	364.3	27.3	363.1	28.2	354.7	28.0	338.4	27.1	313.1	25.6
	51	47	384.0	25.9	382.4	27.1	371.0	27.1	354.7	26.3	338.4	25.4	313.1	24.0
	54	50	397.8	25.7	396.1	26.8	371.0	25.7	354.7	24.9	338.4	24.1	313.1	22.8
	57	53	411.8	25.4	396.2	25.4	371.0	24.3	354.7	23.6	338.4	22.8	313.1	21.5
	60	56	425.9	25.0	396.2	24.0	371.0	22.9	354.7	22.2	338.4	21.5	313.1	20.3
100	-12.6	-13	144.1	19.2	143.5	20.1	143.1	20.7	142.7	21.2	142.4	21.6	142.0	22.3
	-9	-9.4	162.7	20.5	162.0	21.5	161.5	22.2	161.2	22.7	160.8	23.2	160.3	23.9
	-3.64	-4	175.4	21.4	174.7	22.4	174.1	23.1	173.8	23.6	173.4	24.1	172.8	24.9
	-1.84	-2.2	181.9	21.8	181.1	22.8	180.5	23.6	180.1	24.1	179.8	24.6	179.2	25.3
	5.5	5	208.3	23.4	207.4	24.4	206.8	25.3	206.3	25.8	205.9	26.3	205.2	27.1
	9.5	8.5	221.5	24.0	220.6	25.2	219.9	26.0	219.4	26.6	218.9	27.1	218.2	27.9
	13	12	235.0	24.7	234.0	25.8	233.2	26.7	232.7	27.3	232.2	27.8	231.4	28.7
	15	14	242.8	25.0	241.7	26.2	240.9	27.1	240.4	27.6	239.9	28.2	239.1	29.1
	17	15.5	248.6	25.3	247.6	26.4	246.8	27.3	246.2	27.9	245.7	28.5	244.9	29.3
	19	18	258.6	25.6	257.5	26.8	256.6	27.7	256.1	28.3	255.5	28.9	254.7	29.8
	22	20	266.6	25.9	265.4	27.1	264.6	28.0	264.0	28.6	263.4	29.2	262.6	30.1
	26	24	282.9	26.4	281.6	27.6	280.7	28.6	280.1	29.1	279.5	29.7	278.6	30.7
	30	28	299.4	26.8	298.2	28.0	297.2	29.0	296.5	29.6	295.9	30.2	294.9	31.1
	35	32	316.3	27.1	315.0	28.3	313.9	29.3	313.3	29.9	312.6	30.5	311.5	31.4
	39	36	333.5	27.3	332.1	28.5	331.0	29.5	330.3	30.1	329.6	30.7	311.6	29.7
	44	40	351.0	27.3	349.5	28.6	348.4	29.5	347.6	30.1	336.8	29.7	311.6	28.0
	47	43	364.3	27.3	362.8	28.5	361.6	29.5	353.0	29.3	336.8	28.3	311.6	26.8
	51	47	382.4	27.1	380.8	28.3	369.2	28.3	353.0	27.4	336.8	26.5	311.6	25.1
	54	50	396.1	26.8	394.4	28.0	369.2	26.9	353.0	26.0	336.8	25.2	311.6	23.8
	57	53	410.0	26.5	394.4	26.5	369.2	25.4	353.0	24.6	336.8	23.8	311.6	22.5
	60	56	424.1	26.1	394.4	25.0	369.2	24.0	353.0	23.2	336.8	22.5	311.6	21.2

Tc: Total Capacity PI: Power Input

Table 180 - 38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	-12.6	-13	143.5	20.0	142.9	20.9	142.4	21.7	142.1	22.1	141.8	22.6	141.4	23.3
	-9	-9.4	162.1	21.4	161.4	22.4	160.8	23.2	160.5	23.7	160.1	24.2	159.6	24.9
	-3.64	-4	174.7	22.3	174.0	23.4	173.4	24.1	173.0	24.7	172.6	25.2	172.1	26.0
	-1.84	-2.2	181.1	22.7	180.4	23.8	179.8	24.6	179.4	25.1	179.0	25.7	178.4	26.5
	5.5	5	207.4	24.4	206.6	25.5	205.9	26.4	205.4	26.9	205.0	27.5	204.3	28.3
	9.5	8.5	220.6	25.1	219.7	26.2	218.9	27.1	218.5	27.7	218.0	28.3	217.3	29.2
	13	12	234.0	25.7	233.0	26.9	232.2	27.9	231.7	28.4	231.2	29.0	230.5	29.9
	15	14	241.7	26.1	240.7	27.3	239.9	28.2	239.4	28.8	238.9	29.4	238.1	30.3
	17	15.5	247.6	26.4	246.5	27.6	245.7	28.5	245.2	29.1	244.7	29.7	243.9	30.6
	19	18	257.5	26.7	256.4	28.0	255.5	28.9	255.0	29.5	254.4	30.1	253.6	31.1
	22	20	265.5	27.0	264.3	28.3	263.5	29.2	262.9	29.8	262.3	30.5	261.5	31.4
	26	24	281.7	27.5	280.5	28.8	279.5	29.8	278.9	30.4	278.3	31.0	277.4	32.0
	30	28	298.2	28.0	296.9	29.2	295.9	30.2	295.3	30.9	294.7	31.5	280.5	30.8
	35	32	315.0	28.3	313.6	29.6	312.6	30.5	311.9	31.2	303.1	30.8	280.5	29.2
	39	36	332.1	28.4	330.7	29.7	329.6	30.7	317.7	30.1	303.1	29.2	280.5	27.6
	44	40	349.5	28.5	348.1	29.8	332.3	29.3	317.7	28.4	303.1	27.5	280.5	26.0
	47	43	362.8	28.4	354.9	29.1	332.3	27.9	317.7	27.1	303.1	26.2	280.5	24.9
	51	47	380.8	28.2	354.9	27.3	332.3	26.1	317.7	25.4	303.1	24.6	280.5	23.3
	54	50	384.2	27.1	354.9	25.9	332.3	24.8	317.7	24.1	303.1	23.3	280.5	22.1
	57	53	384.2	25.6	354.9	24.5	332.3	23.5	317.7	22.8	303.1	22.1	280.5	20.9
	60	56	384.2	24.2	354.9	23.1	332.3	22.1	317.7	21.5	303.1	20.8	280.5	19.7
80	-12.6	-13	142.9	20.8	142.3	21.8	141.8	22.6	141.5	23.1	141.2	23.5	140.8	24.3
	-9	-9.4	161.4	22.3	160.7	23.3	160.1	24.1	159.8	24.7	159.5	25.2	158.9	26.0
	-3.64	-4	174.0	23.2	173.2	24.3	172.7	25.2	172.3	25.7	171.9	26.2	171.3	27.0
	-1.84	-2.2	180.4	23.7	179.6	24.8	179.0	25.6	178.6	26.2	178.2	26.7	177.6	27.6
	5.5	5	206.6	25.4	205.7	26.6	205.0	27.5	204.6	28.0	204.1	28.6	203.4	29.5
	9.5	8.5	219.7	26.1	218.7	27.3	218.0	28.3	217.5	28.9	217.1	29.4	216.3	30.4
	13	12	233.0	26.8	232.0	28.0	231.2	29.0	230.7	29.6	230.2	30.2	229.5	31.1
	15	14	240.7	27.2	239.7	28.4	238.9	29.4	238.4	30.0	237.9	30.6	237.1	31.6
	17	15.5	246.6	27.4	245.5	28.7	244.7	29.7	244.2	30.3	243.6	30.9	242.8	31.9
	19	18	256.4	27.8	255.3	29.1	254.4	30.1	253.9	30.7	253.4	31.4	249.3	31.9
	22	20	264.3	28.1	263.2	29.4	262.3	30.4	261.8	31.1	261.2	31.7	249.3	31.2
	26	24	280.5	28.7	279.3	30.0	278.4	31.0	277.8	31.7	269.4	31.3	249.3	29.7
	30	28	296.9	29.1	295.6	30.4	294.7	31.5	282.4	30.7	269.4	29.8	249.3	28.3
	35	32	313.6	29.4	312.3	30.8	295.4	29.9	282.4	29.1	269.4	28.2	249.3	26.8
	39	36	330.7	29.6	315.5	29.4	295.4	28.3	282.4	27.5	269.4	26.7	249.3	25.4
	44	40	341.5	29.0	315.5	27.7	295.4	26.7	282.4	25.9	269.4	25.2	249.3	23.9
	47	43	341.5	27.7	315.5	26.5	295.4	25.5	282.4	24.8	269.4	24.0	249.3	22.8
	51	47	341.5	25.9	315.5	24.8	295.4	23.8	282.4	23.2	269.4	22.5	249.3	21.4
	54	50	341.5	24.6	315.5	23.5	295.4	22.6	282.4	22.0	269.4	21.3	249.3	20.3
	57	53	341.5	23.3	315.5	22.3	295.4	21.4	282.4	20.8	269.4	20.2	249.3	19.2
	60	56	341.5	21.9	315.5	21.0	295.4	20.2	282.4	19.6	269.4	19.1	249.3	18.1
70	-12.6	-13	142.3	21.7	141.7	22.7	141.2	23.5	140.9	24.0	140.6	24.5	140.2	25.2
	-9	-9.4	160.7	23.2	160.0	24.3	159.5	25.1	159.1	25.6	158.8	26.2	158.3	27.0
	-3.64	-4	173.2	24.2	172.5	25.3	171.9	26.1	171.6	26.7	171.2	27.3	170.6	28.1
	-1.84	-2.2	179.6	24.6	178.8	25.8	178.2	26.7	177.9	27.2	177.5	27.8	176.9	28.6
	5.5	5	205.7	26.4	204.8	27.6	204.1	28.5	203.7	29.1	203.3	29.7	202.6	30.7
	9.5	8.5	218.7	27.1	217.8	28.4	217.1	29.4	216.6	30.0	216.1	30.6	215.4	31.5
	13	12	232.0	27.9	231.0	29.1	230.2	30.1	229.8	30.8	229.3	31.4	218.2	30.8
	15	14	239.7	28.2	238.7	29.5	237.9	30.5	237.4	31.2	235.7	31.7	218.2	30.2
	17	15.5	245.5	28.5	244.5	29.8	243.7	30.8	243.1	31.5	235.7	31.1	218.2	29.7
	19	18	255.3	28.9	254.2	30.3	253.4	31.3	247.1	31.2	235.7	30.3	218.2	28.8
	22	20	263.2	29.2	262.1	30.6	258.5	31.3	247.1	30.4	235.7	29.6	218.2	28.2
	26	24	279.3	29.8	276.0	30.9	258.5	29.8	247.1	29.0	235.7	28.2	218.2	26.9
	30	28	295.6	30.2	276.0	29.4	258.5	28.3	247.1	27.6	235.7	26.8	218.2	25.6
	35	32	298.8	29.0	276.0	27.9	258.5	26.9	247.1	26.2	235.7	25.5	218.2	24.2
	39	36	298.8	27.5	276.0	26.4	258.5	25.4	247.1	24.8	235.7	24.1	218.2	22.9
	44	40	298.8	25.9	276.0	24.9	258.5	24.0	247.1	23.3	235.7	22.7	218.2	21.6
	47	43	298.8	24.7	276.0	23.7	258.5	22.9	247.1	22.3	235.7	21.7	218.2	20.6
	51	47	298.8	23.1	276.0	22.2	258.5	21.4	247.1	20.9	235.7	20.3	218.2	19.3
	54	50	298.8	21.9	276.0	21.1	258.5	20.3	247.1	19.8	235.7	19.2	218.2	18.3
	57	53	298.8	20.8	276.0	20.0	258.5	19.2	247.1	18.7	235.7	18.2	218.2	17.4
	60	56	298.8	19.6	276.0	18.8	258.5	18.1	247.1	17.7	235.7	17.2	218.2	16.4

Tc: Total Capacity PI: Power Input

Table 181 - 38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °FWB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
60	-12.6	-13	141.7	22.5	141.1	23.5	140.6	24.4	140.3	24.9	140.0	25.4	139.6	26.2
	-9	-9.4	160.0	24.1	159.3	25.2	158.8	26.1	158.4	26.6	158.1	27.2	157.6	28.0
	-3.64	-4	172.5	25.1	171.8	26.2	171.2	27.1	170.8	27.7	170.5	28.3	169.9	29.2
	-1.84	-2.2	178.8	25.6	178.1	26.7	177.5	27.7	177.1	28.2	176.7	28.8	176.1	29.7
	5.5	5	204.8	27.4	203.9	28.6	203.3	29.6	202.8	30.2	202.1	30.8	187.0	29.4
	9.5	8.5	217.8	28.2	216.9	29.5	216.1	30.5	211.8	30.5	202.1	29.7	187.0	28.4
	13	12	231.0	28.9	230.0	30.2	221.5	30.1	211.8	29.4	202.1	28.7	187.0	27.4
	15	14	238.7	29.3	236.6	30.5	221.5	29.5	211.8	28.8	202.1	28.0	187.0	26.8
	17	15.5	244.5	29.6	236.6	30.0	221.5	29.0	211.8	28.3	202.1	27.6	187.0	26.4
	19	18	254.2	30.0	236.6	29.2	221.5	28.2	211.8	27.5	202.1	26.8	187.0	25.6
	22	20	256.1	29.6	236.6	28.5	221.5	27.6	211.8	26.9	202.1	26.2	187.0	25.1
	26	24	256.1	28.2	236.6	27.2	221.5	26.3	211.8	25.7	202.1	25.0	187.0	23.9
	30	28	256.1	26.8	236.6	25.8	221.5	25.0	211.8	24.4	202.1	23.8	187.0	22.7
	35	32	256.1	25.4	236.6	24.5	221.5	23.7	211.8	23.2	202.1	22.6	187.0	21.6
	39	36	256.1	24.1	236.6	23.2	221.5	22.4	211.8	21.9	202.1	21.3	187.0	20.4
	44	40	256.1	22.7	236.6	21.9	221.5	21.1	211.8	20.6	202.1	20.1	187.0	19.2
	47	43	256.1	21.6	236.6	20.9	221.5	20.2	211.8	19.7	202.1	19.2	187.0	18.3
	51	47	256.1	20.3	236.6	19.5	221.5	18.9	211.8	18.4	202.1	18.0	187.0	17.2
	54	50	256.1	19.2	236.6	18.5	221.5	17.9	211.8	17.5	202.1	17.1	187.0	16.3
	57	53	256.1	18.2	236.6	17.5	221.5	17.0	211.8	16.6	202.1	16.1	187.0	15.4
	60	56	256.1	17.2	236.6	16.6	221.5	16.0	211.8	15.6	202.1	15.2	187.0	14.6
50	-12.6	-13	141.1	23.3	140.5	24.4	140.0	25.2	139.7	25.8	139.4	26.3	139.0	27.1
	-9	-9.4	159.3	24.9	158.6	26.1	158.1	27.0	157.8	27.6	157.4	28.1	155.8	28.8
	-3.64	-4	171.7	26.0	171.0	27.2	170.5	28.1	170.1	28.7	168.4	29.1	155.8	27.9
	-1.84	-2.2	178.1	26.5	177.3	27.7	176.7	28.6	176.3	29.3	168.4	28.6	155.8	27.5
	5.5	5	203.9	28.3	197.2	28.8	184.6	27.9	176.5	27.3	168.4	26.7	155.8	25.6
	9.5	8.5	213.4	28.7	197.2	27.8	184.6	27.0	176.5	26.4	168.4	25.8	155.8	24.7
	13	12	213.4	27.6	197.2	26.8	184.6	26.0	176.5	25.4	168.4	24.8	155.8	23.9
	15	14	213.4	27.1	197.2	26.2	184.6	25.4	176.5	24.9	168.4	24.3	155.8	23.3
	17	15.5	213.4	26.6	197.2	25.8	184.6	25.0	176.5	24.5	168.4	23.9	155.8	23.0
	19	18	213.4	25.9	197.2	25.1	184.6	24.3	176.5	23.8	168.4	23.3	155.8	22.3
	22	20	213.4	25.3	197.2	24.5	184.6	23.8	176.5	23.3	168.4	22.7	155.8	21.8
	26	24	213.4	24.1	197.2	23.4	184.6	22.7	176.5	22.2	168.4	21.7	155.8	20.8
	30	28	213.4	22.9	197.2	22.2	184.6	21.6	176.5	21.1	168.4	20.6	155.8	19.8
	35	32	213.4	21.8	197.2	21.1	184.6	20.5	176.5	20.0	168.4	19.5	155.8	18.8
	39	36	213.4	20.6	197.2	19.9	184.6	19.3	176.5	18.9	168.4	18.5	155.8	17.8
	44	40	213.4	19.4	197.2	18.8	184.6	18.2	176.5	17.8	168.4	17.4	155.8	16.7
	47	43	213.4	18.5	197.2	17.9	184.6	17.4	176.5	17.0	168.4	16.6	155.8	16.0
	51	47	213.4	17.3	197.2	16.8	184.6	16.3	176.5	15.9	168.4	15.6	155.8	15.0
	54	50	213.4	16.5	197.2	15.9	184.6	15.5	176.5	15.1	168.4	14.8	155.8	14.2
	57	53	213.4	15.6	197.2	15.1	184.6	14.6	176.5	14.3	168.4	14.0	155.8	13.4
	60	56	213.4	14.7	197.2	14.2	184.6	13.8	176.5	13.5	168.4	13.2	155.8	12.7

Tc: Total Capacity PI: Power Input