

Engineering Data Book



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HEAT RECOVERY BASIC INFORMATION

Specifications

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

Table 1 —Data Table

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
	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
	Max. External static pressure *2		0.24 in. WG
Fan Motor	Type		Brushless DC MOTOR
	Output	W	180+180
Heat Exchanger		Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Condenser Coil	Coil Qty.		1
	FT ²		30-1/2
	Rows		3
	FPI		17
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 580psi
	Inverter circuit (Comp. / Fan)		Overheat and Overcurrent Protection
Piping Connections	Low Pressure	in.	3/4
	High Pressure	in.	5/8
Indoor unit	Total capacity *4		50%-150%
	Quantity (MAX)		15

- REMARKS:
- *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 See "Combination Ratio Restrictions" on page 18.

Table 2 —Data Table

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			
Condenser Coil	Coil Qty.		1		2
	FT ²		30-1/2		26
	Rows		3		3
	FPI		17		17
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 580psi		
	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

- REMARKS:
- *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 See "Combination Ratio Restrictions" on page 18.

Table 3 —Data Table

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
	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
	Max. External static pressure *2		0.24 in. WG
Fan Motor	Type		Brushless DC MOTOR
	Output	W	260 + 260
Heat Exchanger		Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Condenser Coil	Coil Qty.		2
	FT ²		26
	Rows		3
	FPI		17
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 580psi
	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

- REMARKS:
- *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 See "Combination Ratio Restrictions" on page 18.

Table 4 —Data Table

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			
Condenser Coil	Coil Qty.		2		
	FT ²		26		
	Rows		3		
	FPI		17		
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 580psi		
	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	

- REMARKS:
- *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 See "Combination Ratio Restrictions" on page 18.

Table 5 —Data Table

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	
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	
Condenser Coil	Coil Qty.		2	
	FT ²		28-3/4	
	Rows		3	
	FPI		16	
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 580psi	
	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

- REMARKS:
- *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 See “Combination Ratio Restrictions” on page 18.

Table 6 —Data Table

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	
Condenser Coil	Coil Qty.		2	
	FT ²		28-3/4	
	Rows		3	
	FPI		16	
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 580psi	
	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

- REMARKS:
- *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 See "Combination Ratio Restrictions" on page 18.

Table 7 —Data Table

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
Condenser Coil	Coil Qty.		2
	FT ²		28-3/4
	Rows		3
	FPI		16
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 580psi
	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

- REMARKS:
- *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 See “Combination Ratio Restrictions” on page 18.

Table 8 —Data Table

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		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	
Condenser Coil	Coil Qty.		1	
	FT ²		30-1/2	
	Rows		3	
	FPI		17	
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 580psi	
	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

REMARKS:

*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 See "Combination Ratio Restrictions" on page 18.

Table 9 —Data Table

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	
Condenser Coil	Coil Qty.		1	2
	FT ²		30-1/2	26
	Rows		3	3
	FPI		17	17
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 580psi	
	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

*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.

REMARKS:

*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 See "Combination Ratio Restrictions" on page 18.

Table 10 —Data Table

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			
Condenser Coil	Coil Qty.		2			
	FT ²		26			
	Rows		3			
	FPI		17			
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 580psi			
	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	

- REMARKS:
- *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 See “Combination Ratio Restrictions” on page 18.

Table 11 —Data Table

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	
Condenser Coil	Coil Qty.		2	
	FT ²		26	
	Rows		3	
	FPI		17	
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 580psi	
	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

*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

REMARKS: 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 See "Combination Ratio Restrictions" on page 18.

Table 12 —Data Table

MODEL NAME		38VMA240RDL6-1	38VMA264RDS6-1
Power Source		V-Ph-Hz	460-3-60
Capacity Cooling*1		Btu/h	240,000
Capacity Heating*1		Btu/h	270,000
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
	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
	Max. External static pressure*2		0.24 in. WG
Fan Motor	Type		Brushless DC MOTOR
	Output	W	225 x 4
Heat Exchanger		Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Condenser Coil	Coil Qty.		2
	FT ²		28-3/4
	Rows		3
	FPI		16
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
Protective devices	High Pressure Protection		High pressure switch at 580psi
	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

- REMARKS:
- *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 See "Combination Ratio Restrictions" on page 18.

Table 13 —Data Table

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
	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	15,500
	Max. External static pressure *2		0.24 in. WG
Fan Motor	Type		Brushless DC MOTOR
	Output	W	280 x 4
Heat Exchanger		Inner Groove Copper Tube and Hydrophilic Aluminum fin	
Condenser Coil	Coil Qty.		2
	FT ²		28-3/4
	Rows		3
	FPI		16
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 580psi
	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)		59

- REMARKS:
- *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 See "Combination Ratio Restrictions" on page 18.

Table 14 —Data Table

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	
Condenser Coil	Coil Qty.		2
	FT ²		28-3/4
	Rows		3
	FPI		16
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
Protection devices	High Pressure Protection		High pressure switch at 580psi
	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

- REMARKS:
- *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 See “Combination Ratio Restrictions” on page 18.

Performance Data

DUCTED

Table 15 —Performance Data

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	3.40	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	11.0	23.6	204,000	3.33	25.5
38VMA216RDS5-1 (RDS6-1)	204,000	10.9	21.7	222,000	3.29	26.5
38VMA240RDS5-1 (RDS6-1)	220,000	10.4	21.0	230,000	3.20	26.5
38VMA240RDL5-1 (RDL6-1)	230,000	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

NON-DUCTED

Table 16 —Performance Data

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	4.10	30.0
38VMA096RDS5-1 (RDS6-1)	92,000	13.2	23.7	103,000	3.75	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	230,000	3.20	27.0
38VMA240RDL5-1 (RDL6-1)	230,000	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°F WB / 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°F WB / Equivalent piping length : 25 ft (7.5 m), level difference: 0

Combination Ratio Restrictions

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

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.

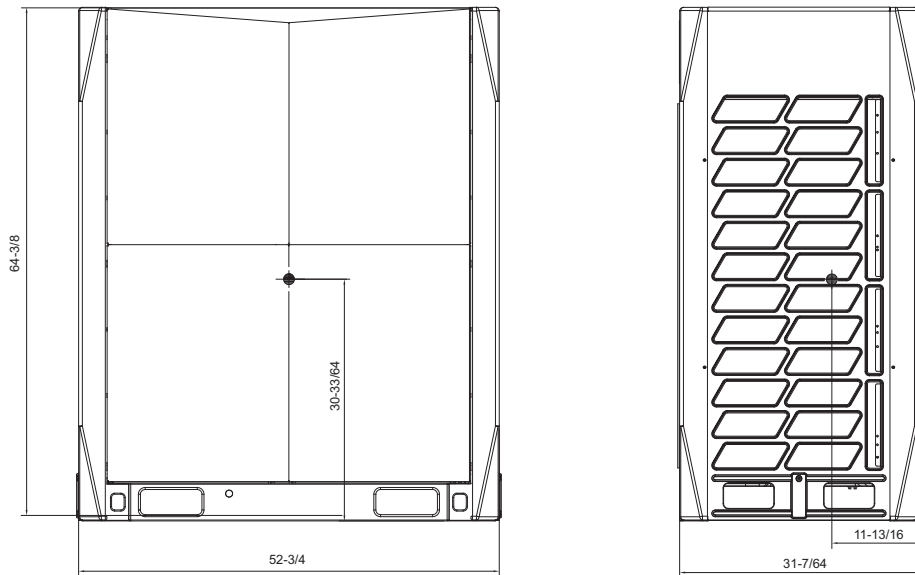
Table 17 —Combination Ratio

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. When 40VMA and 40VMZ indoor units are connected with no additional indoor units, the 30% rule does not apply.

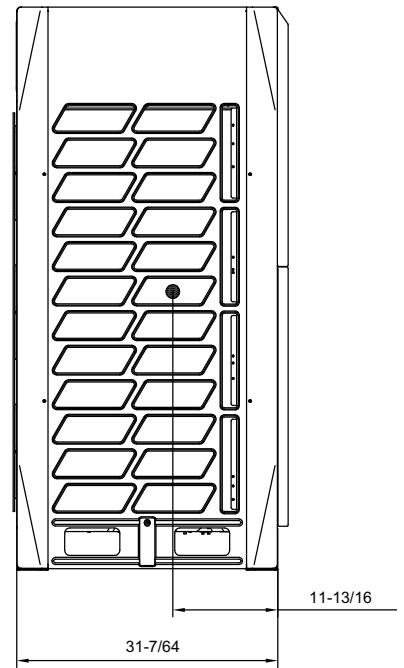
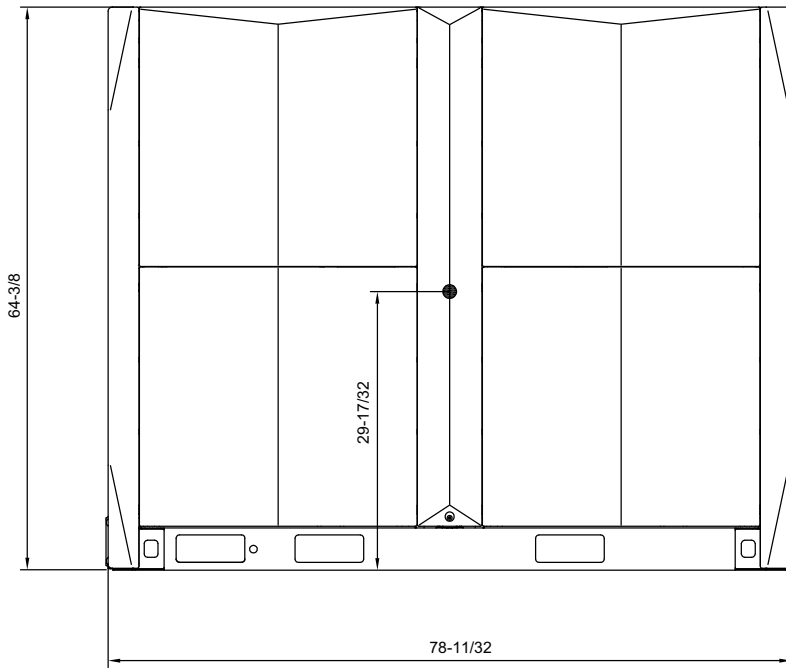
Center Of Gravity



NOTE: All dimensions are shown in inches.

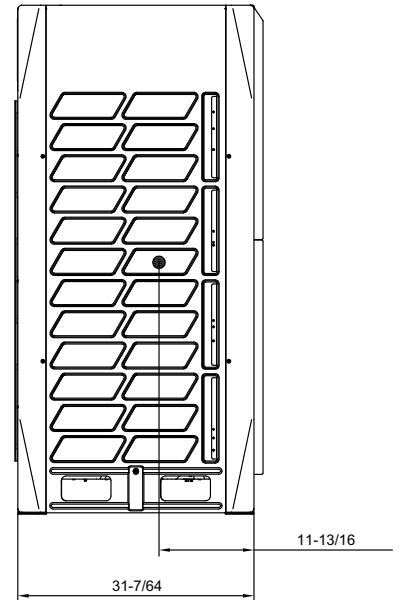
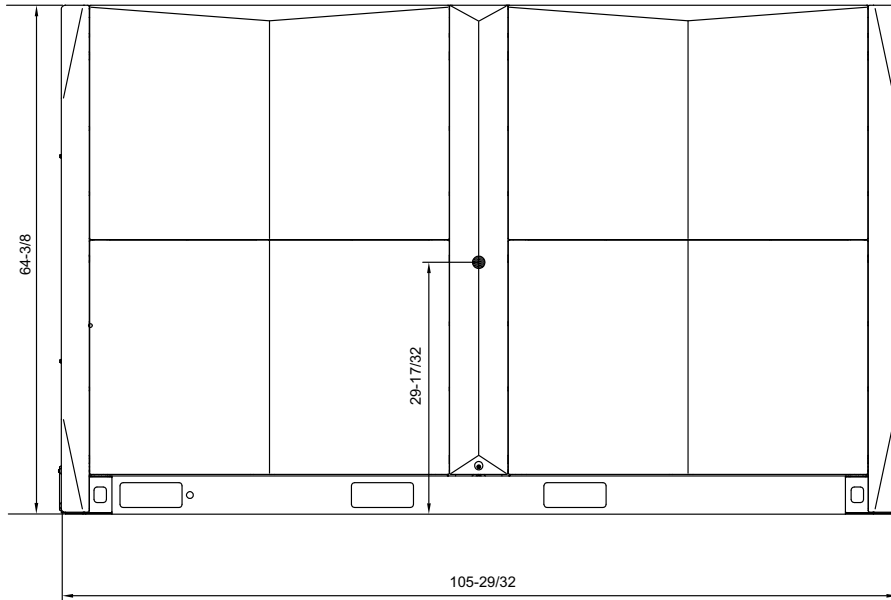
Fig. 1 —38VMA072, 096, 120RDS Models

Center Of Gravity (Cont.)



NOTE: All dimensions are shown in inches.

Fig. 2 —38VMA144RDL, 38VMA168, 192, 216, 240RDS Models



NOTE: All dimensions are shown in inches.

Fig. 3 —38VMA240RDL, 38VMA264, 288, 312, 336RDS Models

DIMENSIONS

All dimensions are shown in inches

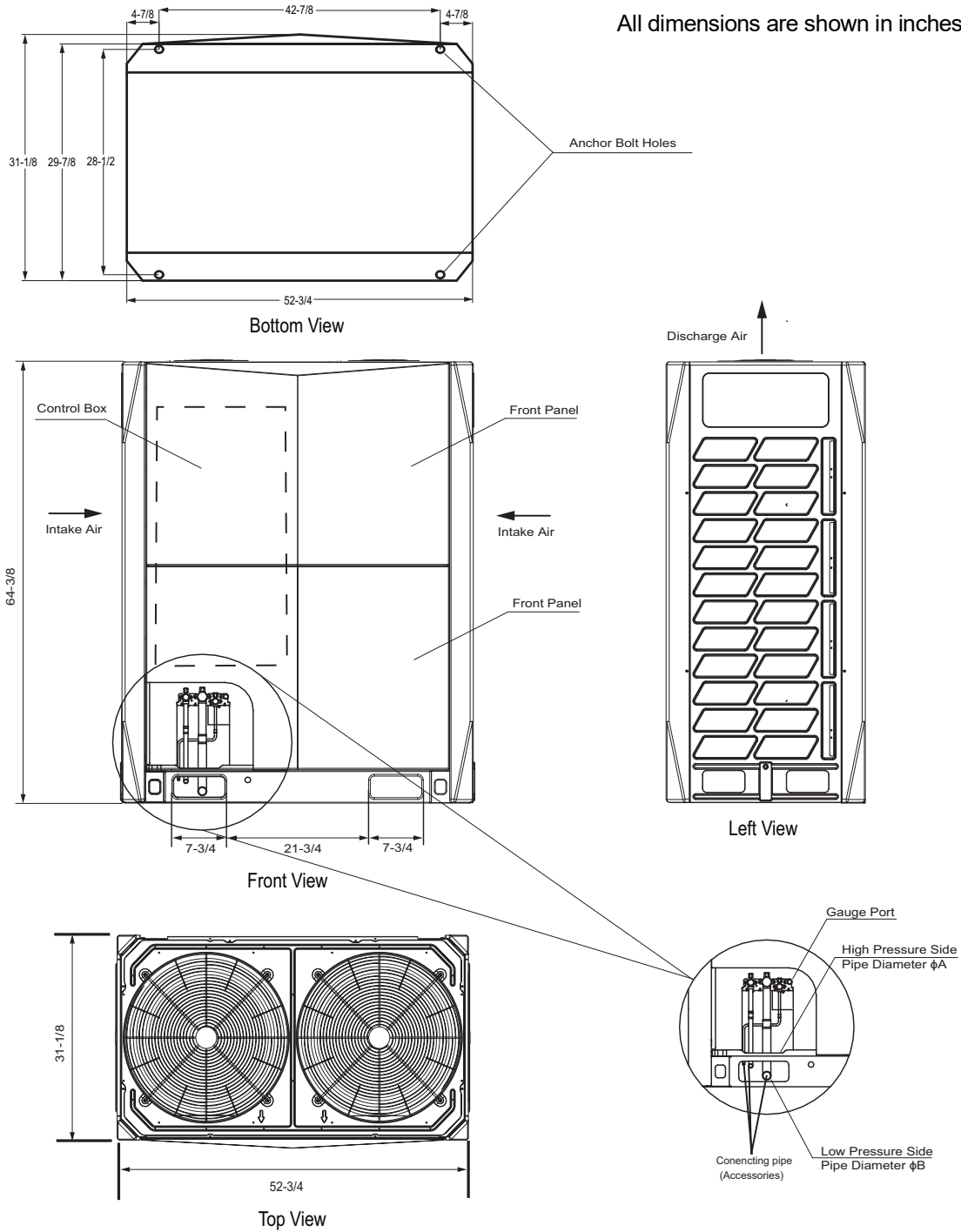


Fig. 4 —38VMA072, 096, 120RDS Models

Table 18 —Dimensions (in inches)

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

DIMENSIONS (CONT.)

All dimensions are shown in inches

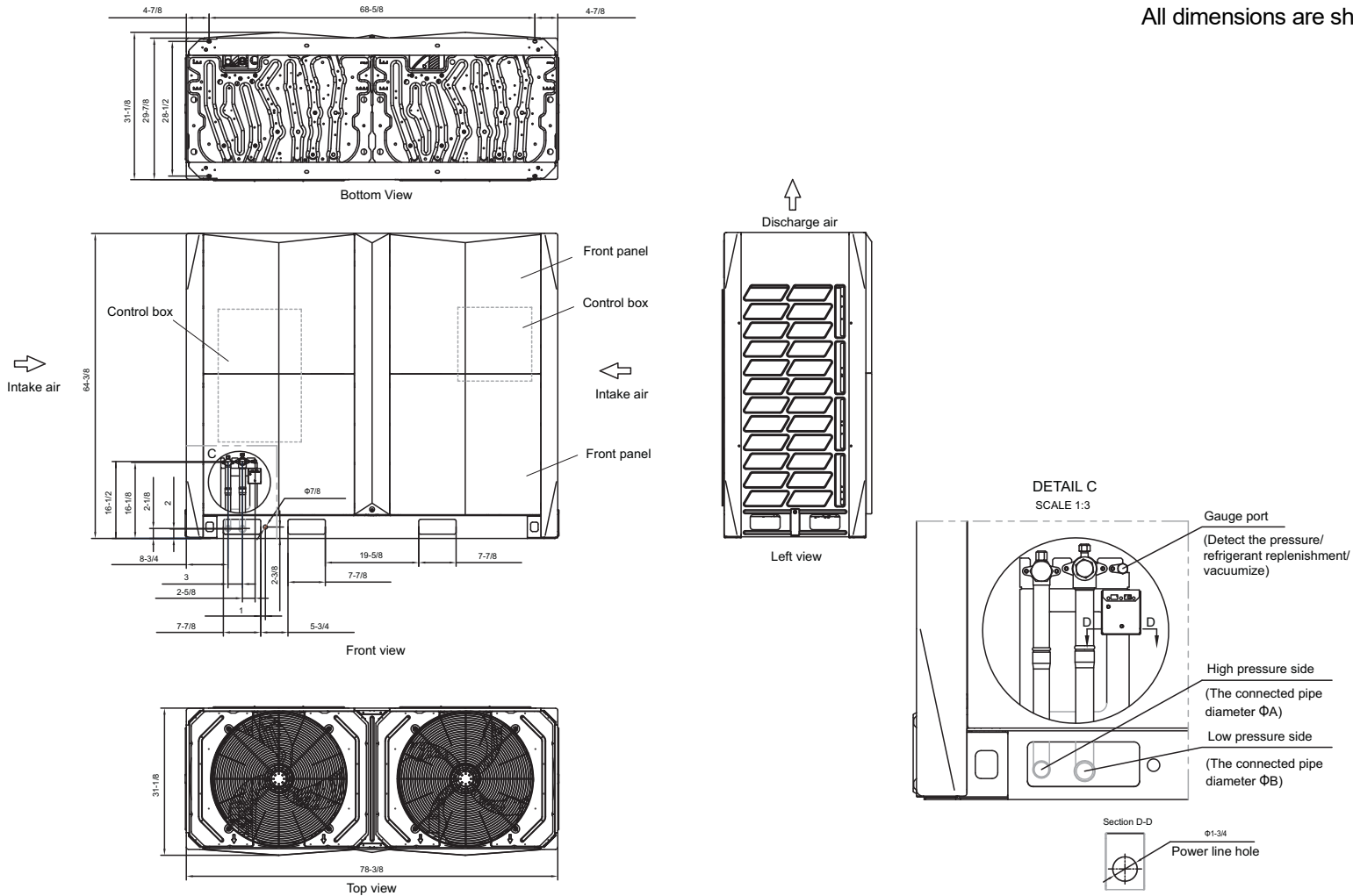


Fig. 5 —38VMA144, 38VMA168, 38VMA192, 38VMA216, 38VMA240RDS Models

Table 19 —Dimensions (in inches)

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

DIMENSIONS (CONT.)

All dimensions are shown in inches

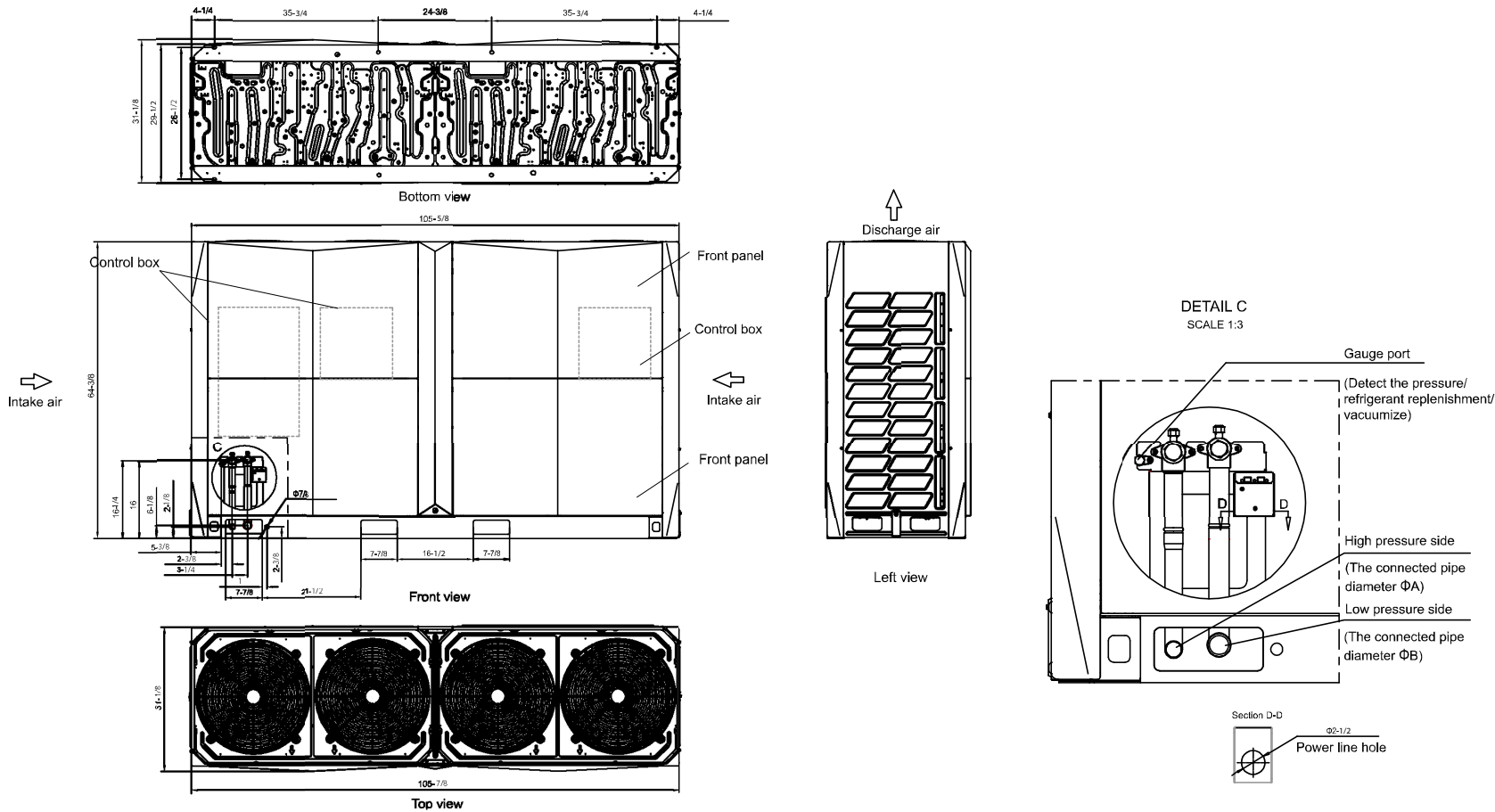


Fig. 6 —38VMA240RDL, 38VMA264, 288, 312, 336RDS Models

Table 20 —Dimensions (in inches)

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

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	-	Separates oil from high pressure gas refrigerant, which is pumped out from compressor.
Inverter fan	FANA		Regulates the heat exchanger capacity by adjusting rotating speeds based on the operating pressure.
	FANB		
	FANC		
	FAND		
4-way valve	ST1		Switches the operation mode between heating and cooling.
Solenoid valve	SV3A		Controls heat exchanger areas.
	SV3B		
	SV3C		
	SV3D		
	SV3E		
	SV4		Controls amount of oil from the oil separator to compressor.
	SV5		1) High-pressure-rise prevention. 2) Prevents bottom of heat exchangers from freezing in heating mode.
	SV6		1) Supplies hot gas for heating indoor units in cooling main mode. 2) Bypasses hot gas from compressor discharge in heating operation.
SV8			
SV7		1) Bypasses pressure at start-up stage and control capacity at low load condition. 2) High-pressure-rise prevention. 3) Discharge superheat protection.	
Thermistor	T3A		Controls defrosting during heating operation.
	T3C		
	T4		Detects outdoor air temperature and control fan speed.
	T5		Control SV6 and SV8 based on refrigerant status in cooling main mode.
	T6		Used for MDC to control EVXA and SVP.
	T7		
	T7C1		
	T7C2		Detects discharge temperature and calculates discharge superheat.
	T7C3		
	Tpr1	TP1-PRO	Provides high-temperature protection.
	Tpr2	TP2-PRO	
Tpr3	TP3-PRO		
High pressure sensor	PH	H-YL1	Detects high pressure.
Low pressure sensor	PL	L-YL1	Detects low pressure.
High pressure switch	HPS	H-PRO-4	Prevents abnormal increase of high pressure, which will activate at 4.0MPa and shut down compressors.

Refrigerant Circuit Diagram

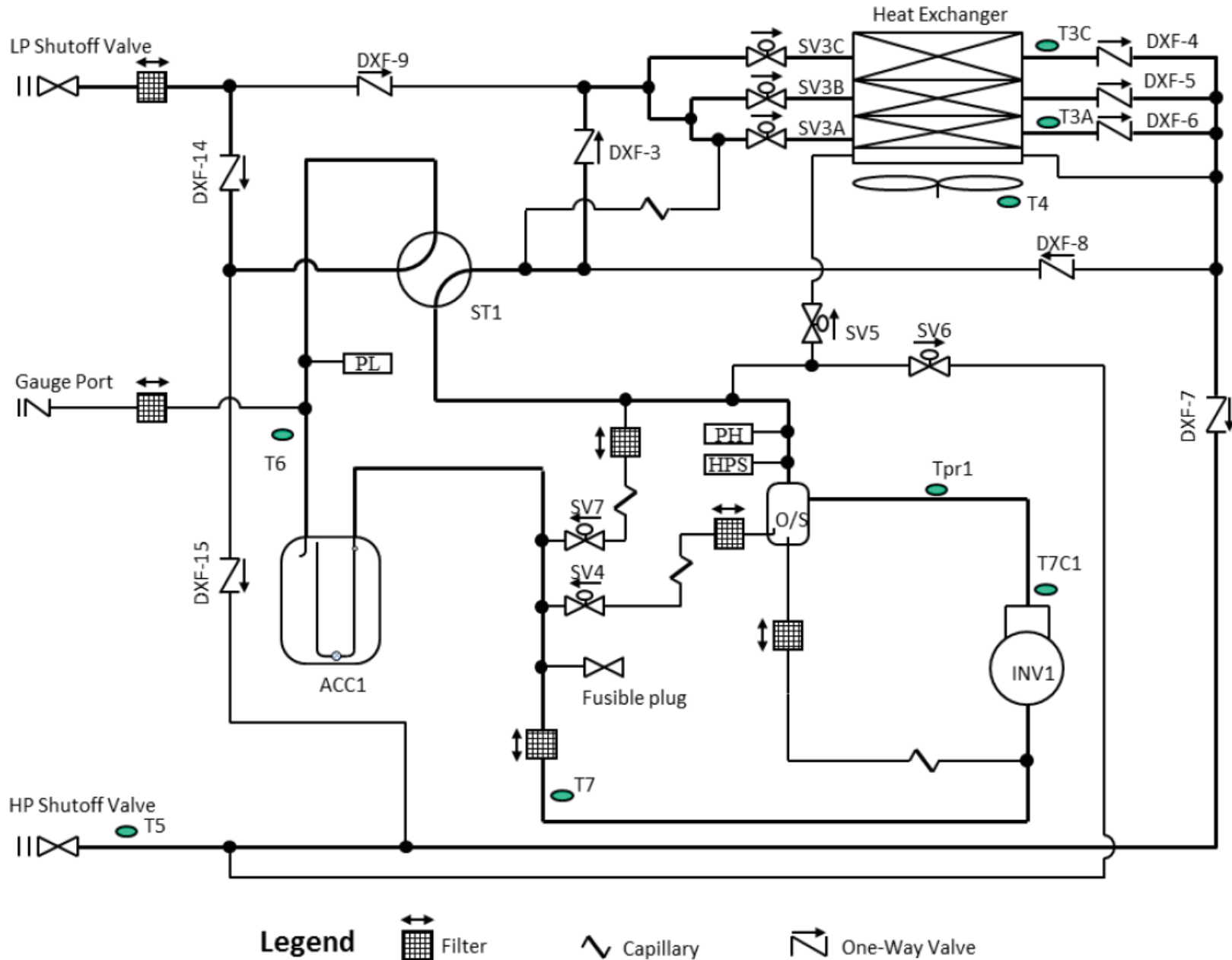


Fig. 7 —38VMA072, 096, 120RDS Models

Refrigerant Circuit Diagram (Cont.)

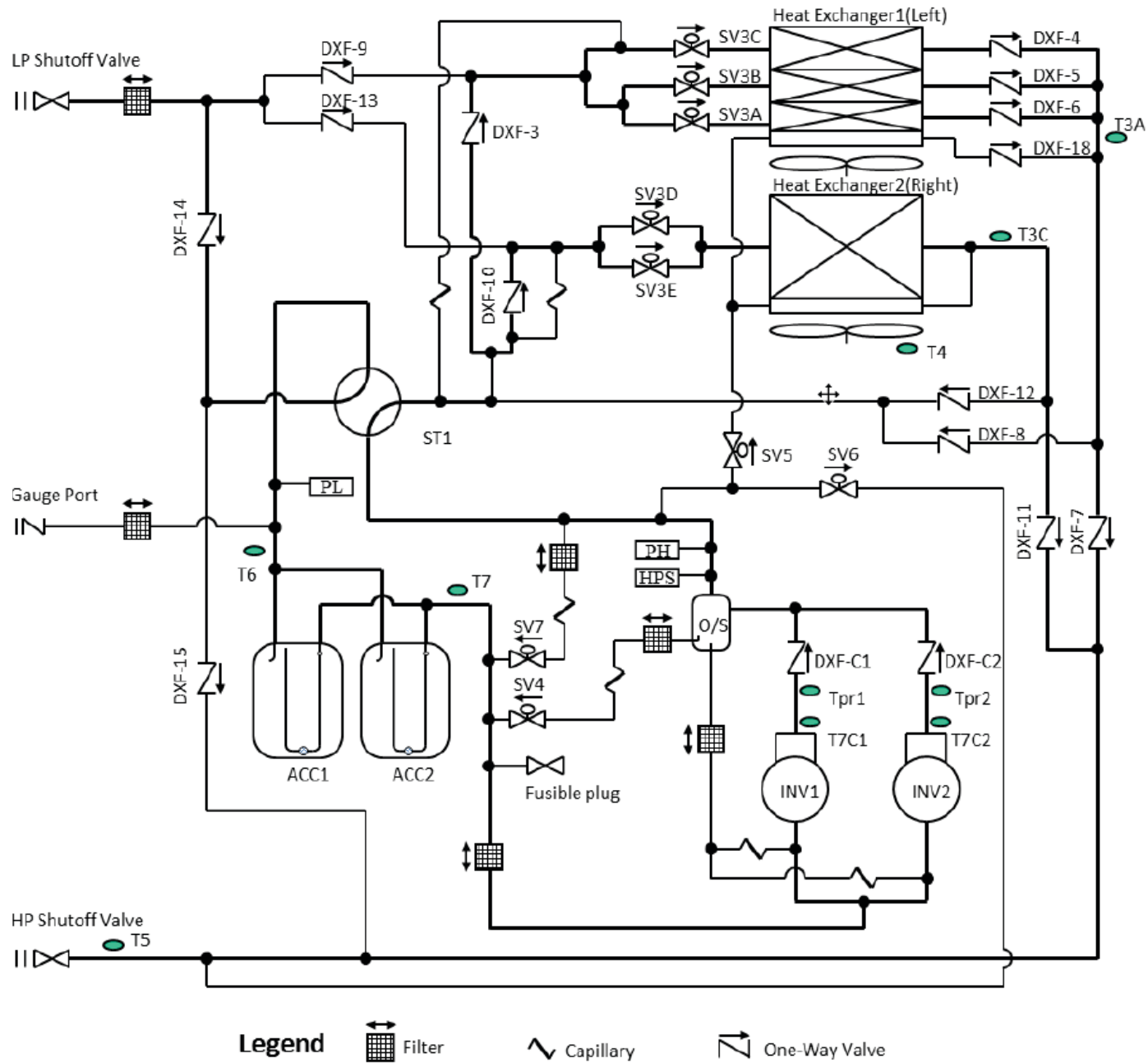
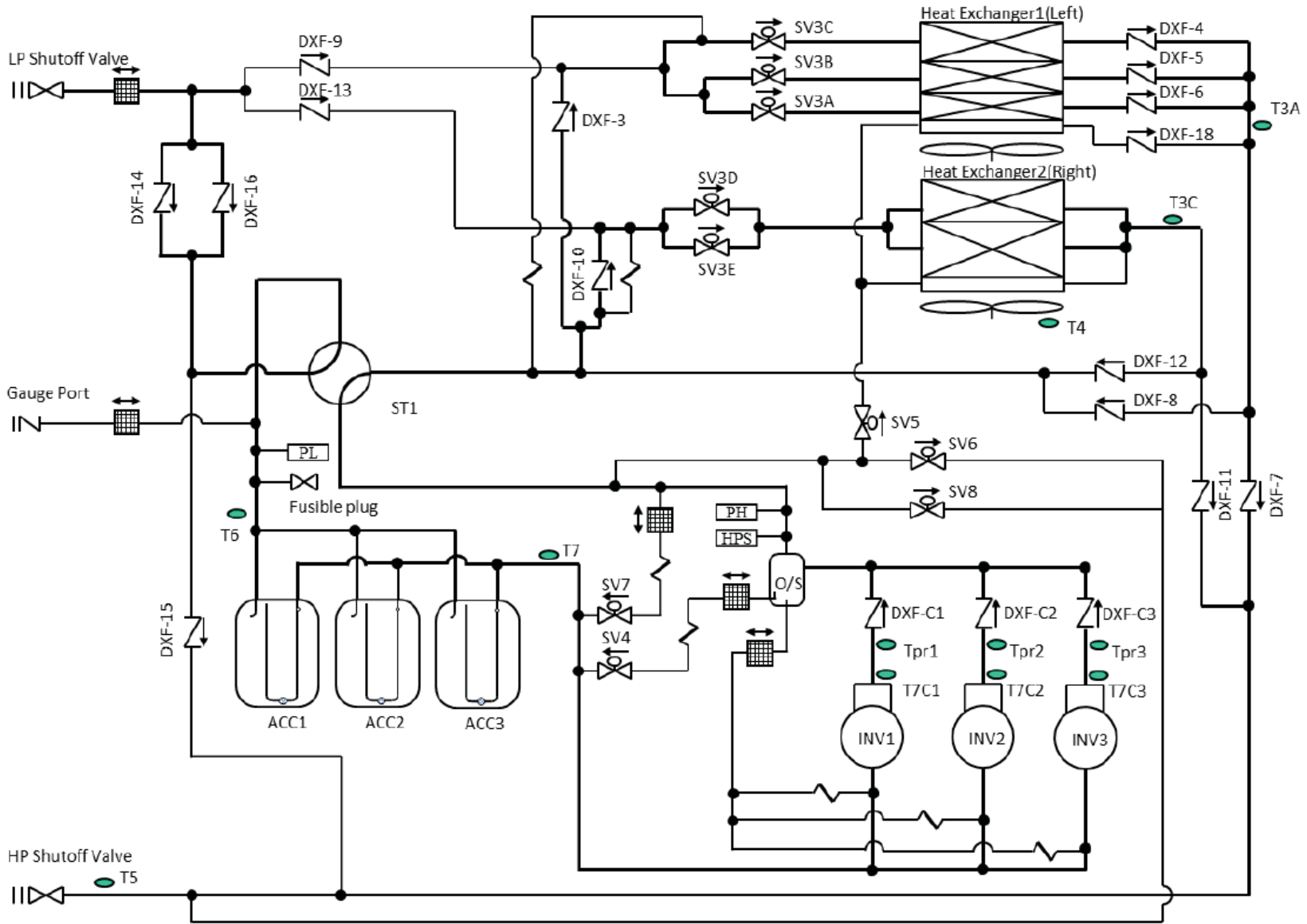


Fig. 8 —38VMA144RDL, 168, 196, 216, 240RDS Models

Refrigerant Circuit Diagram (Cont.)



Legend Filter Capillary One-Way Valve

Fig. 9 —38VMA240RDL, 264, 288, 312, 336RDS Models

Wiring Diagrams

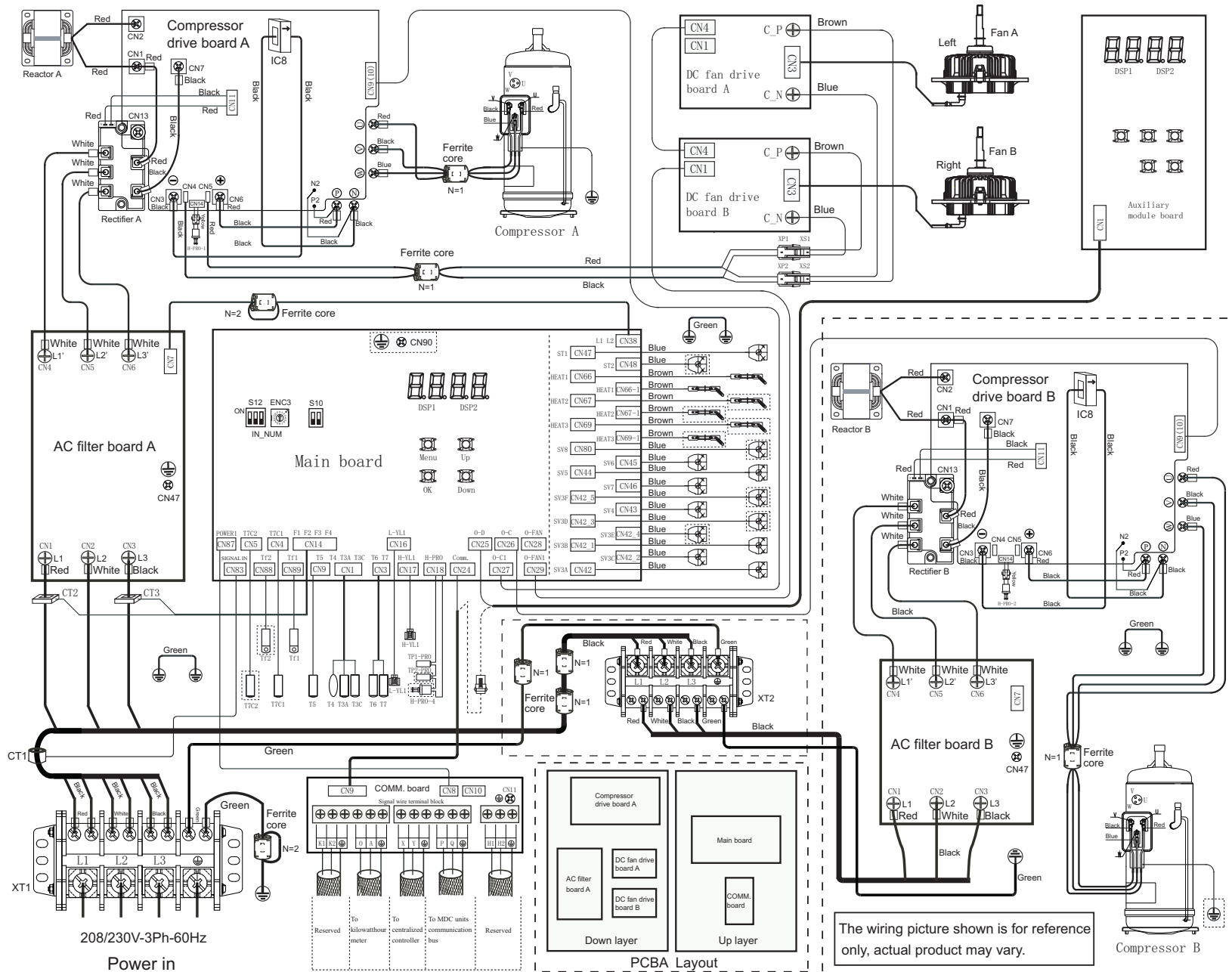


Fig. 10 —38VMA072RDL5-1, 096RDL5-1, 120RDS5-1, 144RDL5-1, 168RDS5-1, 192RDS5-1, 216RDS5-1, 240RDS5-1

Table 22 —Legend

CODE	NAME
XT1-XT2	Terminal Block
XS1-XS2	Plug
XP1-XP2	Jack
H-PRO 1-4	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
T7C1-T7C2	Discharge Temperature Sensor
CT1-3, IC8	Current Sensor
ST1, ST2	4-Way Valve
SV1-SV7	Solenoid Valve
HEAT (1-3)	Crankcase Heater
Tf1, Tf2	Heat Sink Temperature

Table 23 —DSP1 and DSP2 Display Content

DISPLAY	MEANING
OE1	Phase Loss Error
OE2	Comm. Error with MDC and Indoor Unit
OE4	T3 or T4 Temperature Sensor Error
OE5	Voltage Protection
OH0/2OH0	Comm. Error Between Main Board and Compressor INV. Board
OH1	Comm. Error Between Chip IC55 and IC33 on Main Board
OLy/2OLy	Compressor Inverter module protection ($0 \leq y \leq 9$)
OH4/2OH4	3 times of OLy protection in 60 minutes
OP2	Low Pressure Protection
OH5	5 Times of OP2 Protection in 100 Minutes
OP4	Discharge Temperature Protection
OH6	3 Times of OP4 Protection in 60 Minutes
OH7	Quantity of Indoor Units do not Match
OH8	High Pressure Sensor Error
OP9	DC Fan Protection
OH9	10 Times of OP9 Protection in 120 Minutes
OHb	Low Pressure Sensor Error
OHc	The setting of power dial switch do not match the model of outdoor unit
OP1	High Pressure Protection or Discharge Temperature Protection or Ground Fault Problem
OP3	Compressor Current Protection
OP5	High Condenser Temperature Protection
OPL	Inverter Module Temperature Protection
OPP	Refrigerant overcharge
OF0	4 times of OPP protection in 200 minutes
OF4	T6 Temperature Sensor Error
OF5	T7 Temperature Sensor Error
OF8	MDC Error
AtL	Ambient temperature limitation (Outside ambient temperature(T4) is beyond the range that outdoor unit can run)
dF	Defrosting
d0	Oil Return

NOTE: Component in dashed line is optional

Wiring Diagrams (Cont.)

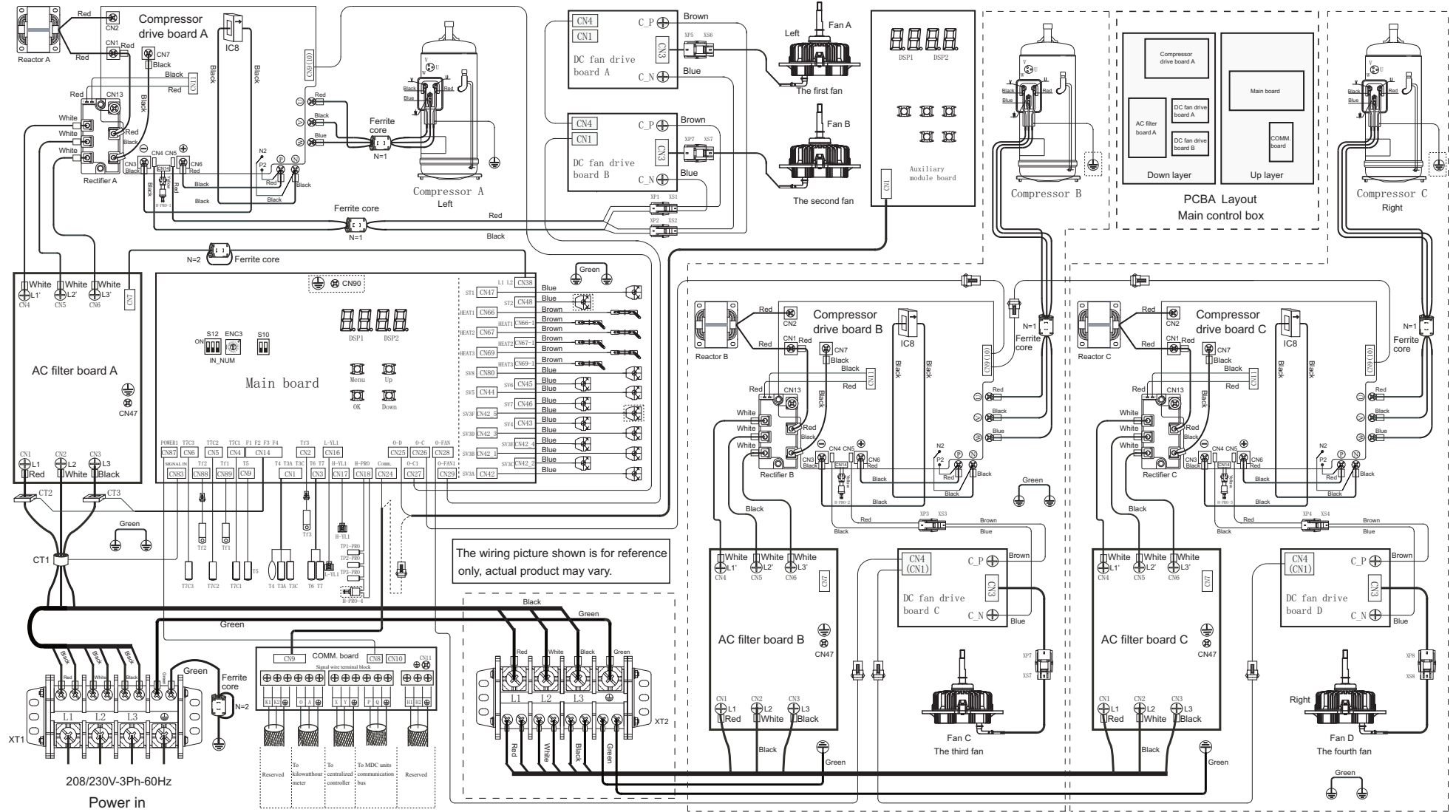


Fig. 11 —38VMA240RDL5-1, 264RDS5-1, 288RDS5-1, 312RDS5-1, 336RDS5-1

Table 24 —Legend

CODE	NAME
XT1-XT2	Terminal Block
XS1-XS8	Plug
XP1-XP8	Jack
H-PRO 1-4	High Pressure ON/OFF Switch
H-YL1	High Pressure Sensor
L -YL1	Low Pressure Sensor
TP1-PRO, TP2-PRO, TP3-PRO	Discharge Temperature ON/OFF Switch
T3A, T3C, T3D, T3E, T5, T6, T7	Condenser or Evaporator Temperature Sensor
T4	Outdoor Ambient Temperature Sensor
T7C1-T7C3	Discharge Temperature Sensor
CT1-3, IC8	Current Sensor
ST1, ST2	4-Way Valve
SV1-SV7	Solenoid Valve
HEAT (1-3)	Crankcase Heater
Tf1, Tf2, Tf3	Heat Sink Temperature

Table 25 —DSP1 and DSP2 Display Content

DISPLAY	MEANING
OE1	Phase Loss Error
OE2	Comm. Error with MDC and Indoor Unit
OE4	T3 or T4 Temperature Sensor Error
OE5	Voltage Protection
OH0/ 20H0/ 30H0	Comm. Error Between Main Board and Compressor INV. Board
OH1	Comm. Error Between Chip IC55 and IC33 on Main Board
OLy/2OLy/ 3OLy	Compressor Inverter module protection ($0 \leq y \leq 9$)
OH4/ 20H4/ 30H4	3 times of OLy protection in 60 minutes
OP2	Low Pressure Protection
OH5	5 Times of OP2 Protection in 100 Minutes
OP4	Discharge Temperature Protection
OH6	3 Times of OP4 Protection in 60 Minutes
OH7	Quantity of Indoor Units do not Match
OH8	High Pressure Sensor Error
OP9	DC Fan Protection
OH9	10 Times of OP9 Protection in 120 Minutes
OHb	Low Pressure Sensor Error
OHc	The setting of power dial switch do not match the model of outdoor unit
OP1	High Pressure Protection or Discharge Temperature Protection or Ground Fault Problem
OP3	Compressor Current Protection
OP5	High Condenser Temperature Protection
OPL	Inverter Module Temperature Protection
OC7	3 times of OPL protection in 100 minutes
OPP	Refrigerant overcharge
OF0	4 times of OPP protection in 200 minutes
OF4	T6 Temperature Sensor Error
OF5	T7 Temperature Sensor Error
OF8	MDC Error
AtL	Ambient temperature limitation (Outside ambient temperature(T4) is beyond the range that outdoor unit can run)
dF	Defrosting
d0	Oil Return

NOTES: Component in dashed line is optional

WIRING DIAGRAMS (CONT.)

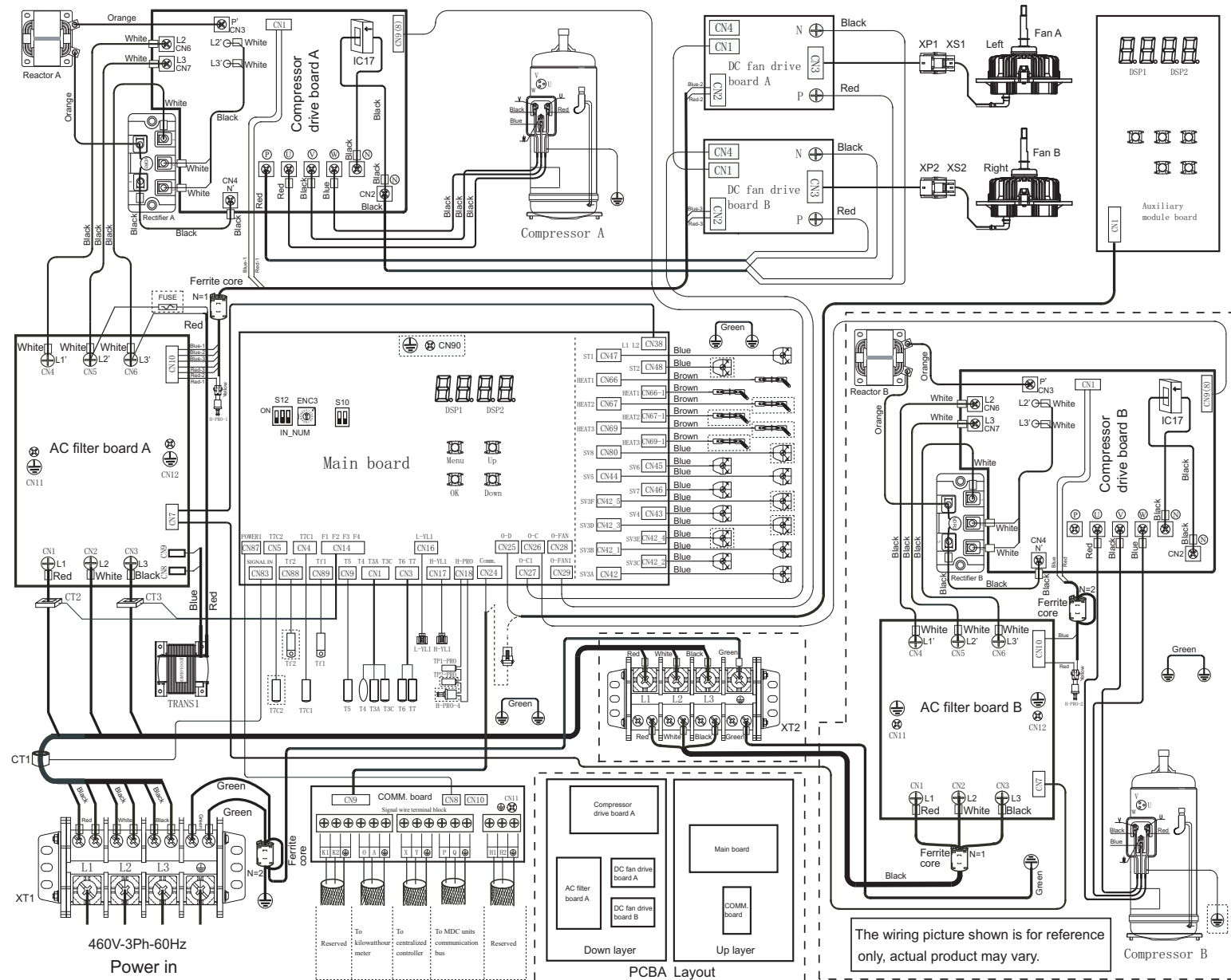


Fig. 12 —38VMA072RDS6-1, 096RDS6-1, 120RDS6-1, 144RDL6-1, 168RDS6-1, 192RDS6-1, 216RDS6-1, 240RDS6-1

Fig. 13 —Legend

CODE	NAME
XT1-XT2	Terminal Block
XS1-XS2	Plug
XP1-XP2	Jack
H-PRO 1-4	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
T7C1-T7C2	Discharge Temperature Sensor
CT1-3, IC17	Current Sensor
ST1, ST2	4-Way Valve
SV1-SV7	Solenoid Valve
HEAT (1-3)	Crankcase Heater
Tf1, Tf2	Heat Sink Temperature
TRANS1	Power Transformer

Fig. 14 —DSP1 and DSP2 Display Content

DISPLAY	MEANING
OE1	Phase Loss Error
OE2	Comm. Error with MDC and Indoor Unit
OE4	T3 or T4 Temperature Sensor Error
OE5	Voltage Protection
OH0/2OH0	Comm. Error Between Main Board and Compressor INV. Board
OH1	Comm. Error Between Chip IC55 and IC33 on Main Board
OLy/2OLy	Compressor Inverter module protection ($0 \leq y \leq 9$)
OH4/2OH4	3 times of OLy protection in 60 minutes
OP2	Low Pressure Protection
OH5	5 Times of OP2 Protection in 100 Minutes
OP4	Discharge Temperature Protection
OH6	3 Times of OP4 Protection in 60 Minutes
OH7	Quantity of Indoor Units do not Match
OH8	High Pressure Sensor Error
OP9	DC Fan Protection
OH9	10 Times of OP9 Protection in 120 Minutes
OHb	Low Pressure Sensor Error
OHc	The setting of power dial switch do not match the model of outdoor unit
OP1	High Pressure Protection or Discharge Temperature Protection or Ground Fault Problem
OP3	Compressor Current Protection
OP5	High Condenser Temperature Protection
OPL	Inverter Module Temperature Protection
OC7	3 times of OPL protection in 100 minutes
OPP	Refrigerant overcharge
OF0	4 times of OPP protection in 200 minutes
OF4	T6 Temperature Sensor Error
OF5	T7 Temperature Sensor Error
OF8	MDC Error
AtL	Ambient temperature limitation (Outside ambient temperature(T4) is beyond the range that outdoor unit can run)
dF	Defrosting
dO	Oil Return

NOTES: Component in dashed line is optional

WIRING DIAGRAMS (CONT.)

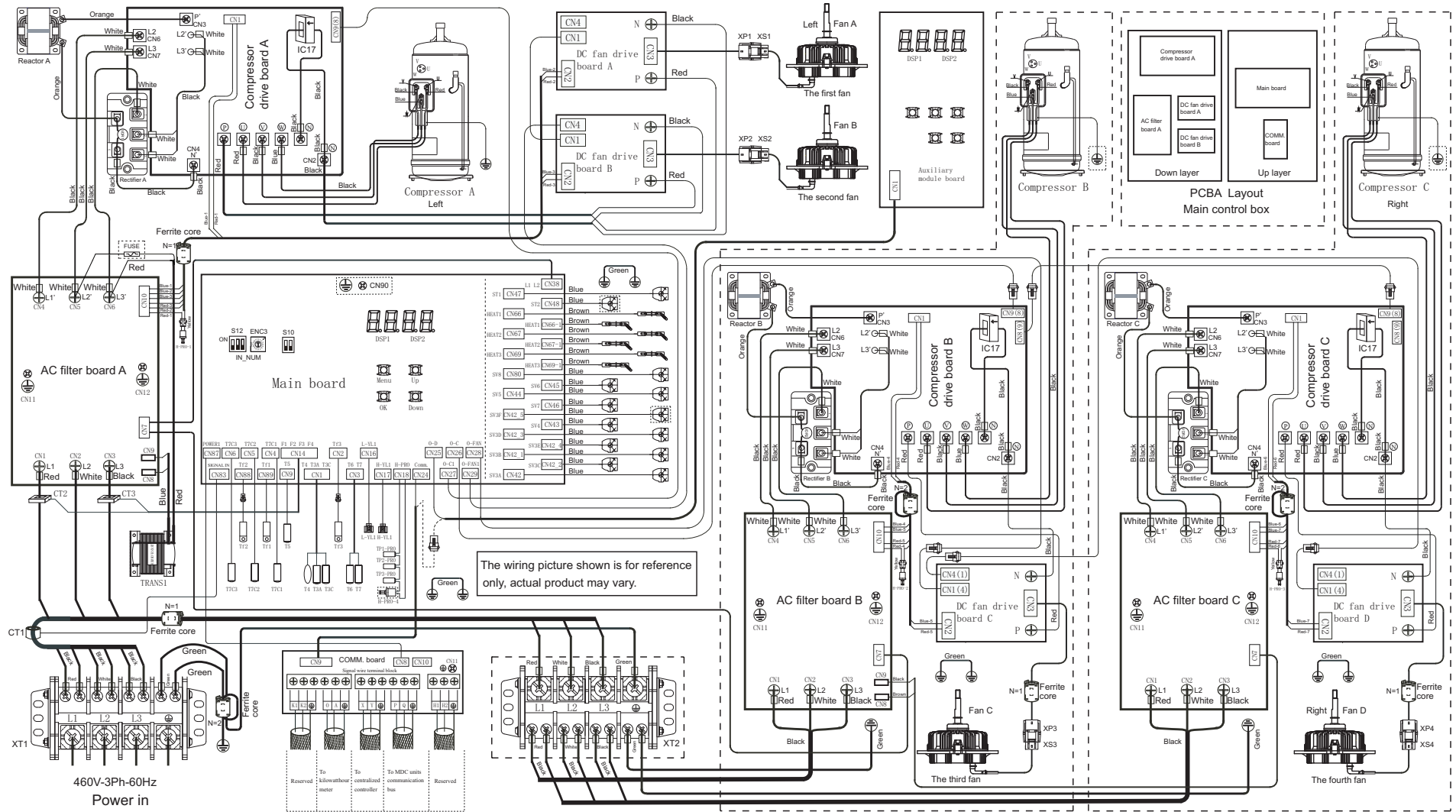


Fig. 15 —38VMA240RDL6-1, 264RDS6-1, 288RDS6-1, 312RDS6-1, 336RDS6-1

Fig. 16 —Legend

CODE	NAME
XT1-XT2	Terminal Block
XS1-XS4	Plug
XP1-XP4	Jack
H-PRO 1-4	High Pressure ON/OFF Switch
H-YL1	High Pressure Sensor
L-YL1	Low Pressure Sensor
TP1-PRO, TP2-PRO, TP3-PRO	Discharge Temperature ON/OFF Switch
T3A, T3C, T3D, T3E, T5, T6, T7	Condenser or Evaporator Temperature Sensor
T4	Outdoor Ambient Temperature Sensor
T7C1-T7C3	Discharge Temperature Sensor
CT1-CT3, IC17	Current Sensor
ST1, ST2	4-Way Valve
SV1-SV7	Solenoid Valve
HEAT (1-3)	Crankcase Heater
Tf1, Tf2, Tf3	Heat Sink Temperature
TRANS1	Power Transformer

Table 26 —DSP1 and DSP2 Display Content

DISPLAY	MEANING
OE1	Phase Loss Error
OE2	Comm. Error with MDC and Indoor Unit
OE4	T3 or T4 Temperature Sensor Error
OE5	Voltage Protection
OH0 / 20HO / 30HO	Comm. Error Between Main Board and Compressor INV. Board
OH1	Comm. Error Between Chip IC55 and IC33 on Main Board
OLy / 2OLy / 3OLy	Compressor Inverter Module Protection (0≤y≤9)
OH4 / 20H4 / 30H4	3 times of OLy protection in 60 minutes
OP2	Low Pressure Protection
OH5	5 Times of OP2 Protection in 100 Minutes
OP4	Discharge Temperature Protection
OH6	3 Times of OP4 Protection in 60 Minutes
OH7	Quantity of Indoor Units do not Match
OH8	High Pressure Sensor Error
OP9	DC Fan Protection
OH9	10 Times of OP9 Protection in 120 Minutes
OHb	Low Pressure Sensor Error
OHc	The Setting of Power Dial Switch do not Match the Model of Outdoor Unit
OP1	High Pressure Protection or Discharge Temperature Protection or Ground Fault Problem
OP3	Compressor Current Protection
OP5	High Condenser Temperature Protection
OPL	Inverter Module Temperature Protection
OC7	3 Times of OPL Protection in 100 Minutes
OPP	Refrigerant Overcharge
OF0	4 times of OPP protection in 200 minutes
OF4	T6 Temperature Sensor Error
OF5	T7 Temperature Sensor Error
OF8	MDC Error
AtL	Ambient Temperature Limitation (Outside Ambient Temperature (T4) is Beyond Range that Outdoor Unit can run)
dF	Defrosting
dO	Oil Returning

NOTE: Components in dash lines are optional

Field Wiring

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 2-core stranded shielded 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.

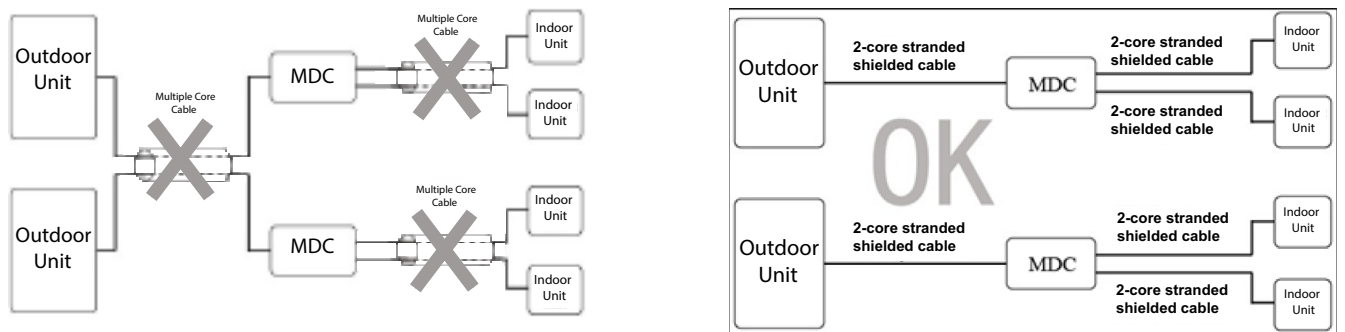


Fig. 17 —2-Core Stranded Shielded Cables

POWER SUPPLY EXAMPLE

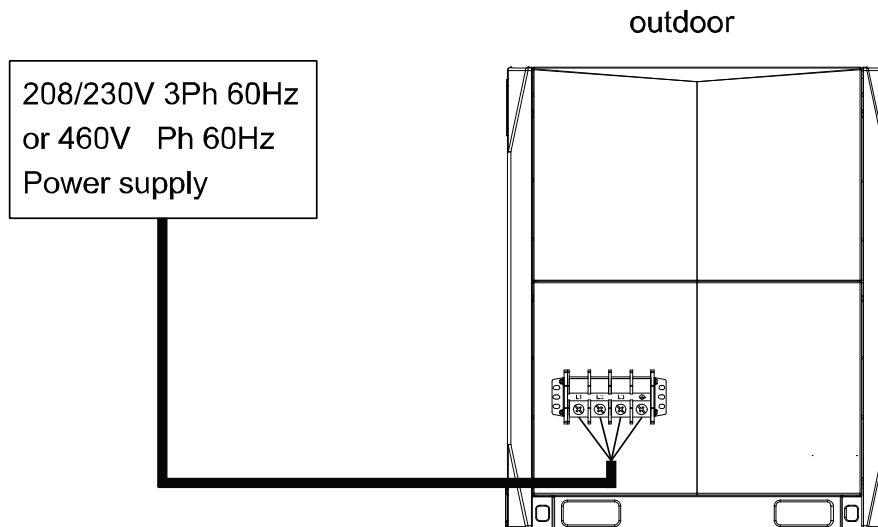


Fig. 18 —Main Power Wiring for Outdoor Unit

POWER SUPPLY

Table 27 —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 28 —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

CONTROL WIRING

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

Table 29 —Wiring Length Limitation

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

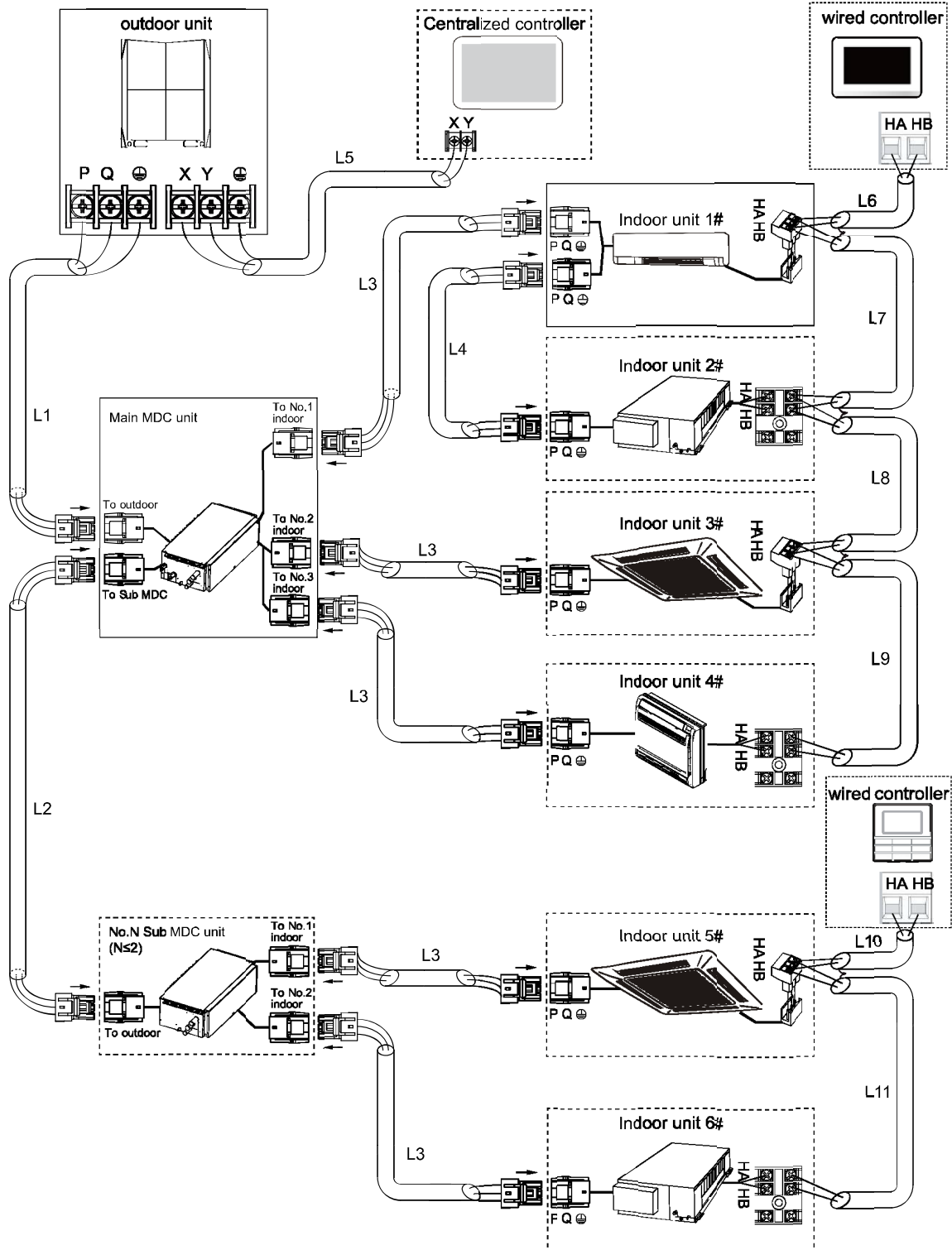


Fig. 19 —Controls Wiring

Sound Pressure Levels

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

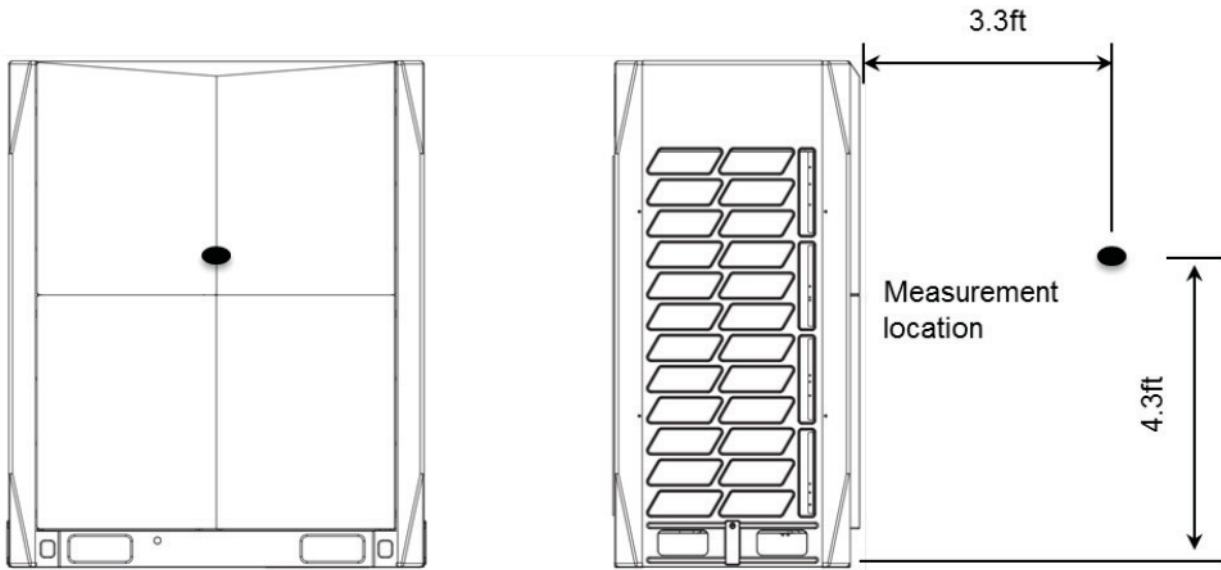


Fig. 20 —38VMA072, 096, 120RDS Models

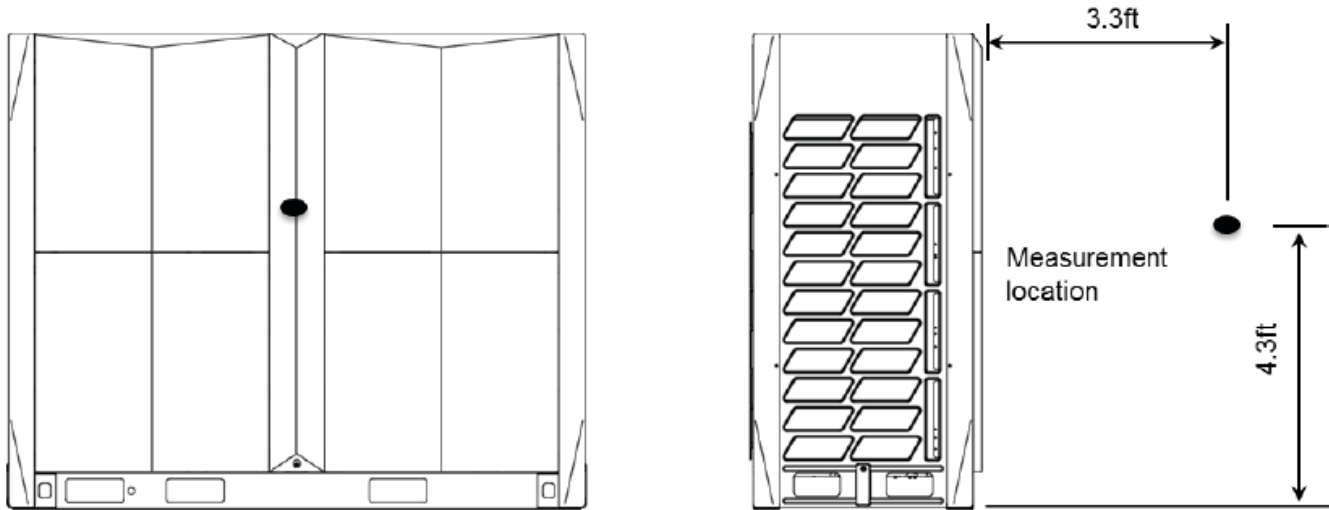


Fig. 21 —38VMA144RDL, 38VMA168, 192, 216, 240RDS Models

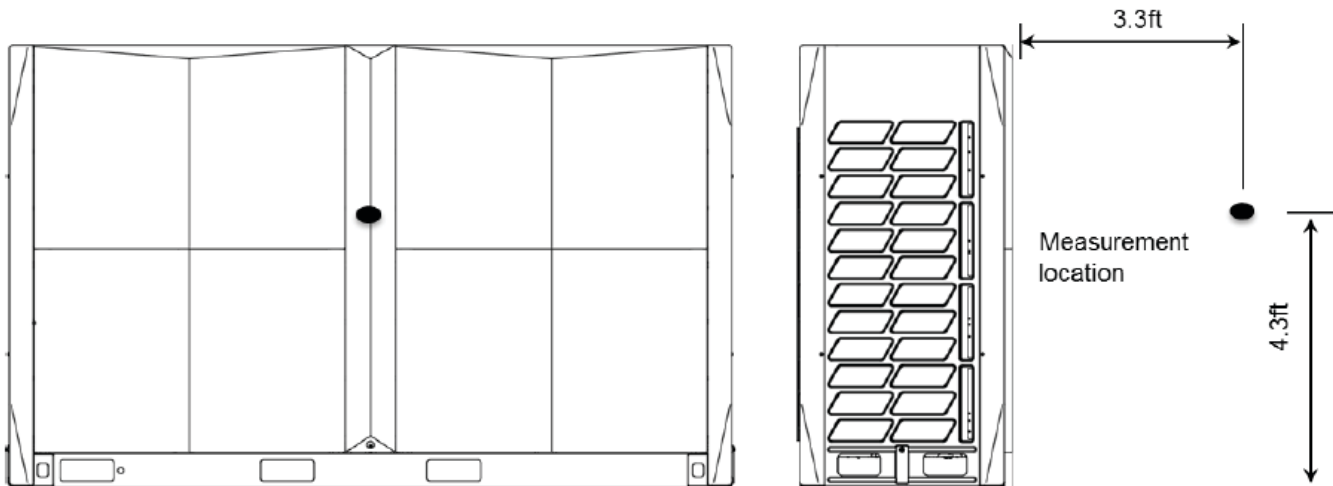


Fig. 22 —38VMA240RDL, 38VMA264, 288, 312, 336RDS Models

NC Curves

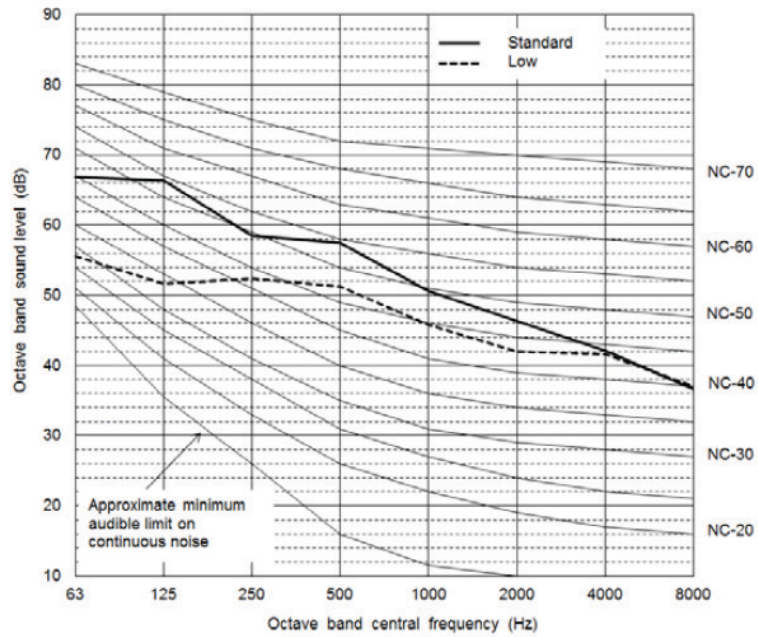


Fig. 23 —38VMA072RDS5-1

Table 30 —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

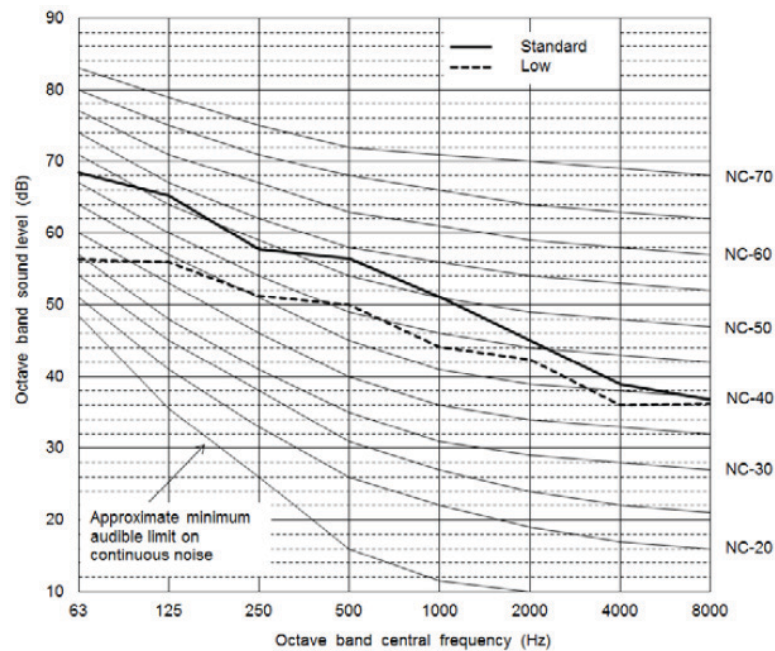


Fig. 24 —38VMA072RDS6-1

Table 31 —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.

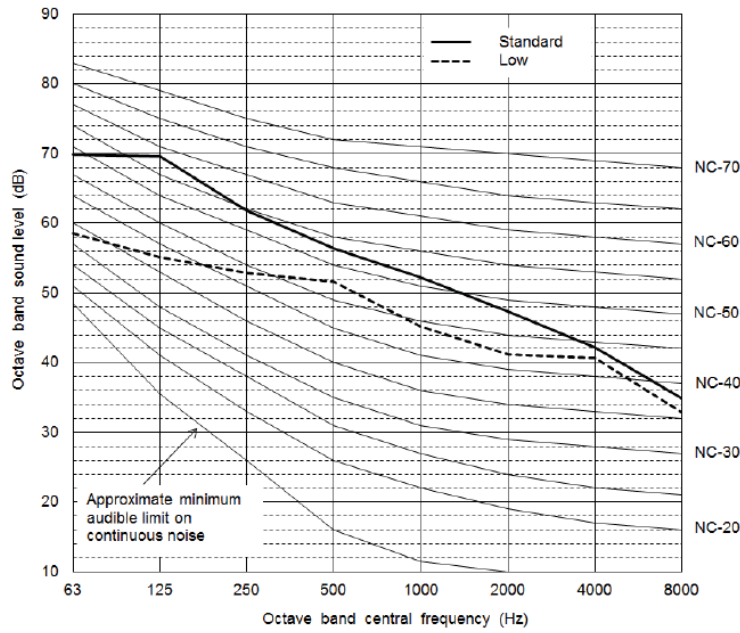


Fig. 25 —38VMA096RDS5-1

Table 32 —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

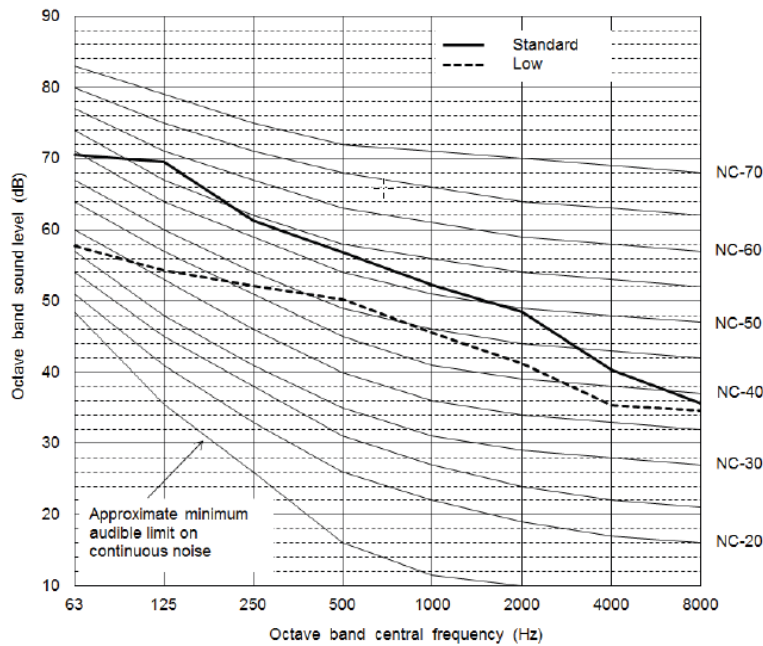


Fig. 26 —38VMA096RDS6-1

Table 33 —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.

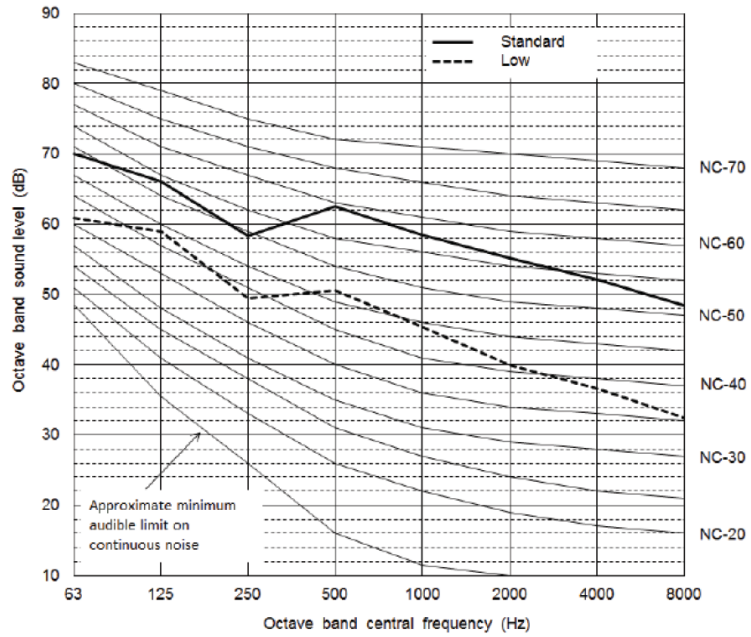


Fig. 27 —38VMA120RDS5-1

Table 34 —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

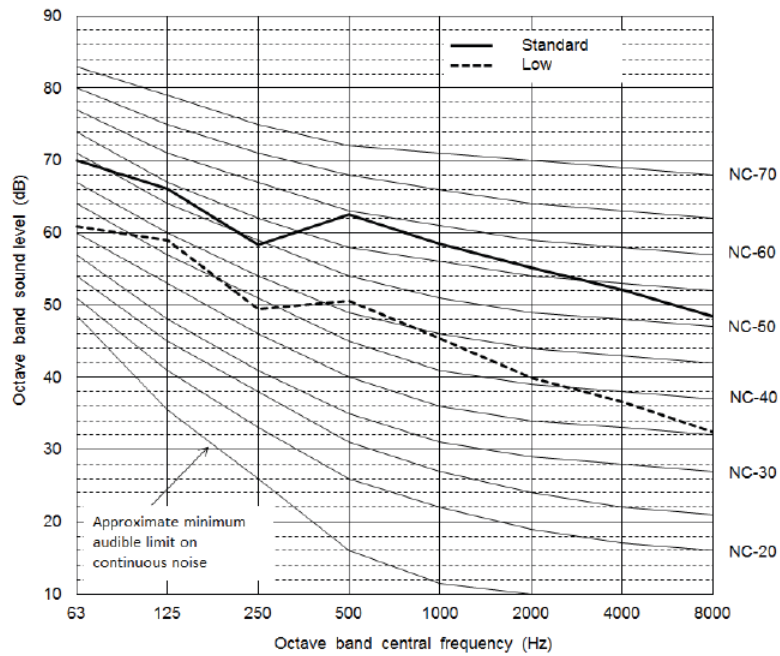


Fig. 28 —38VMA120RDS6-1

Table 35 —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.

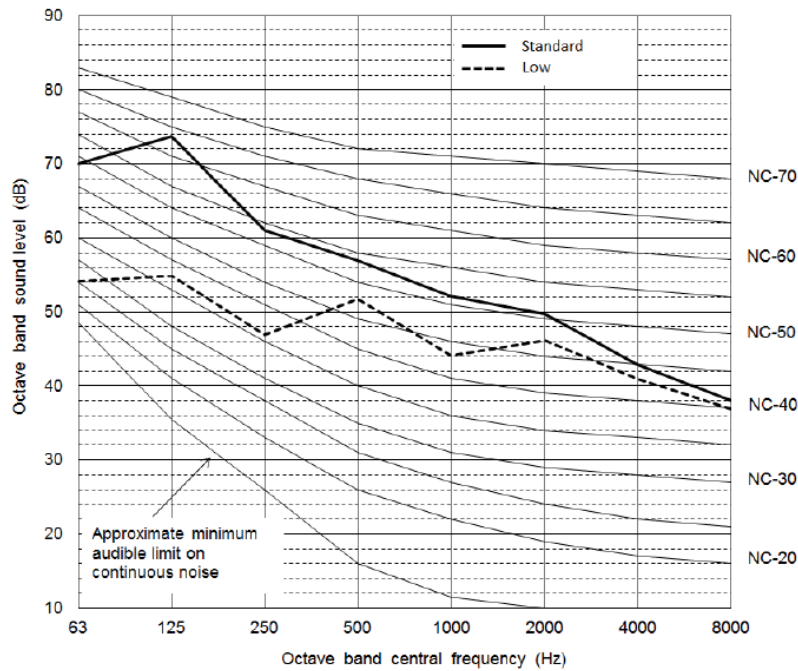


Fig. 29 —38VMA144RDL5-1

Table 36 —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

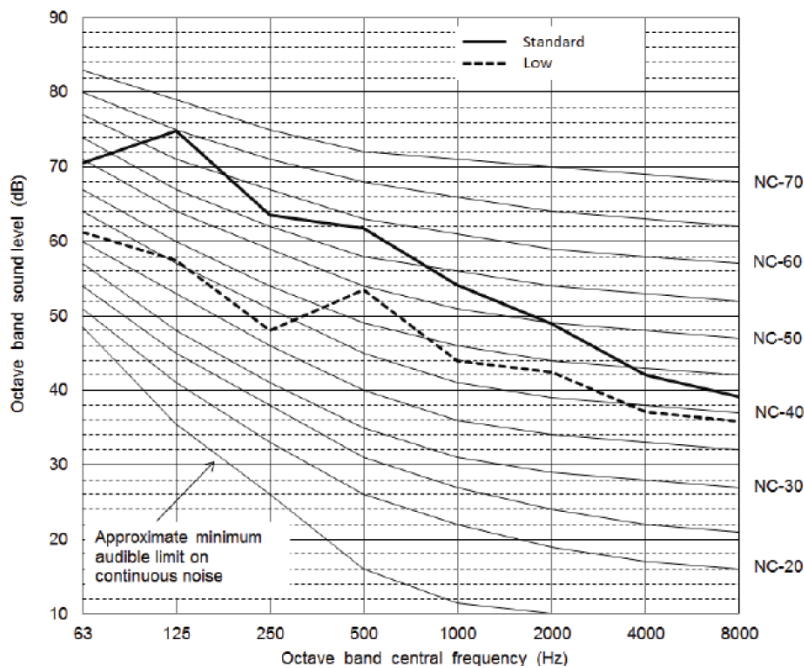


Fig. 30 —38VMA144RDL6-1

Table 37 —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.

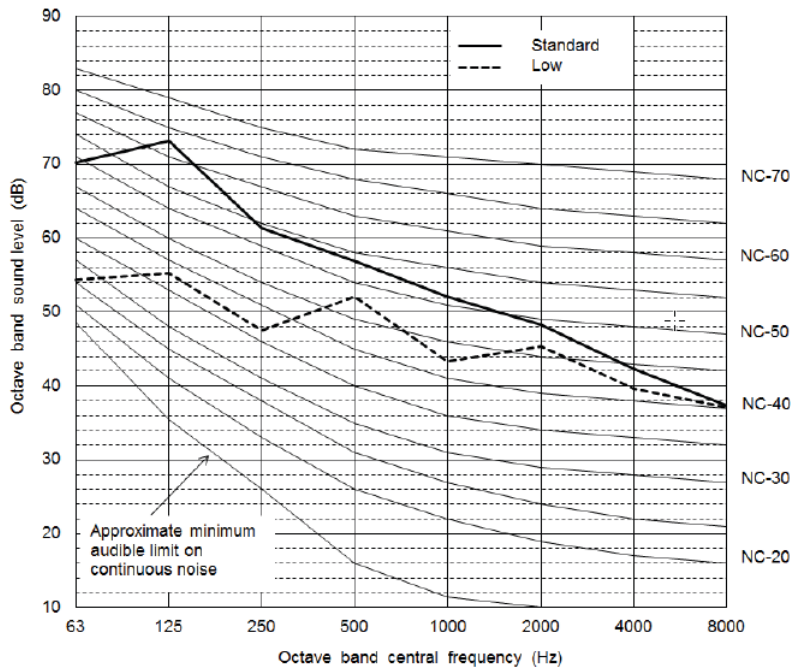


Fig. 31 —38VMA168RDS5-1

Table 38 —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

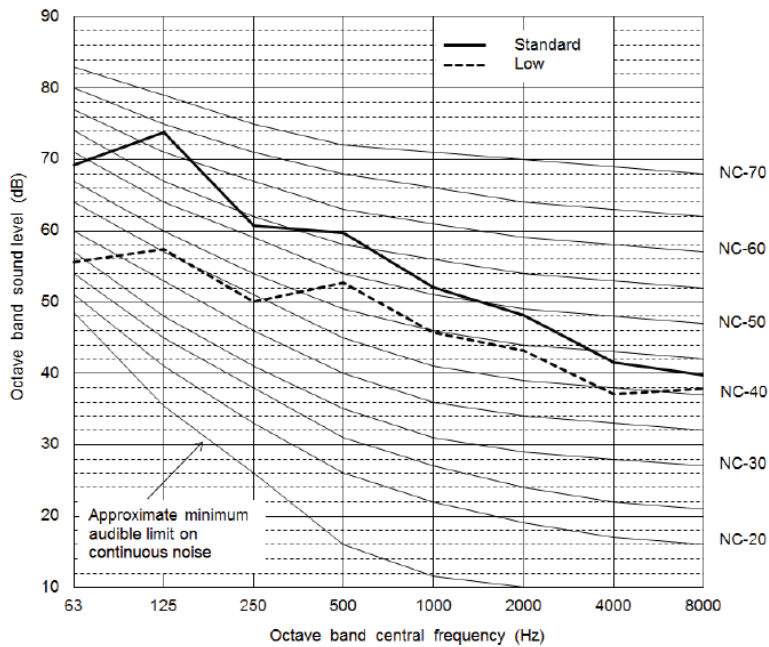


Fig. 32 —38VMA168RDS6-1

Table 39 —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.

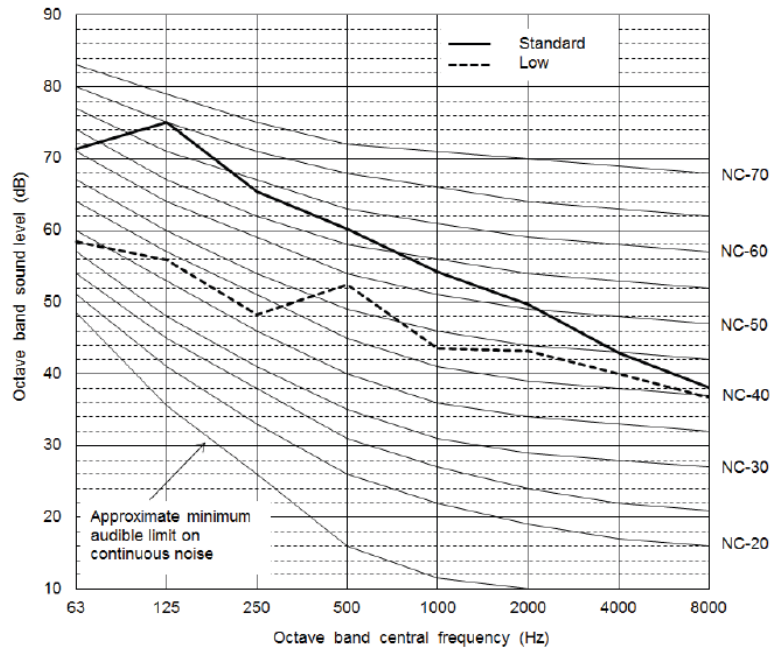


Fig. 33 —38VMA192RDS5-1

Table 40 —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

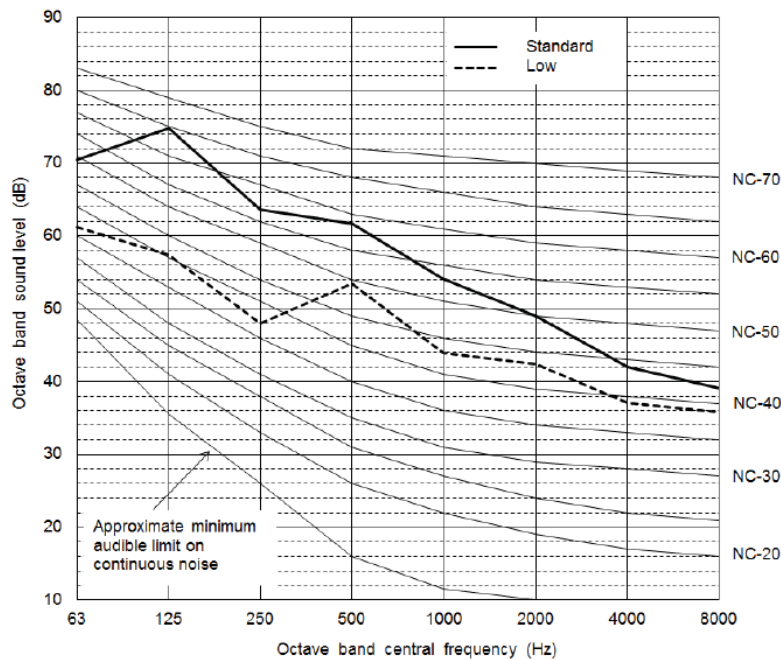


Fig. 34 —38VMA192RDS6-1

Table 41 —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.

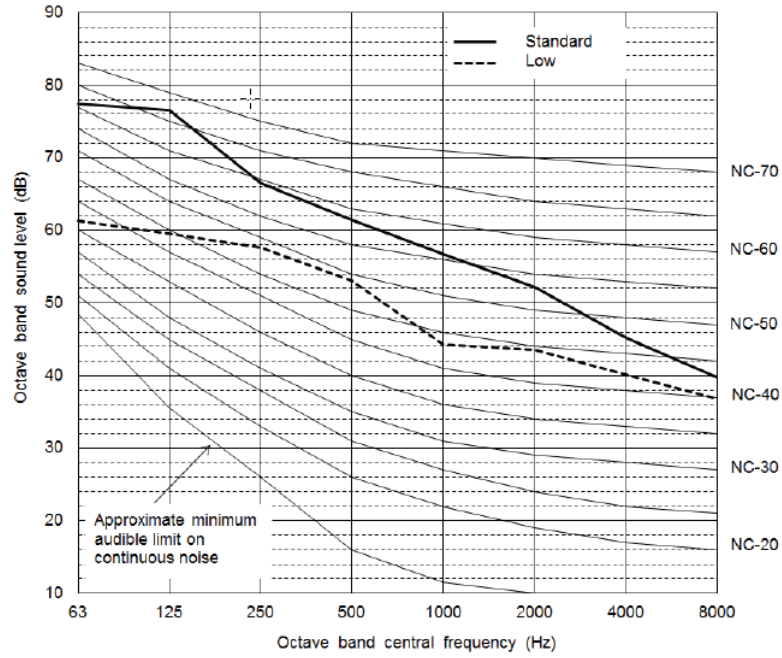


Fig. 35 —38VMA216RDS5-1

Table 42 —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

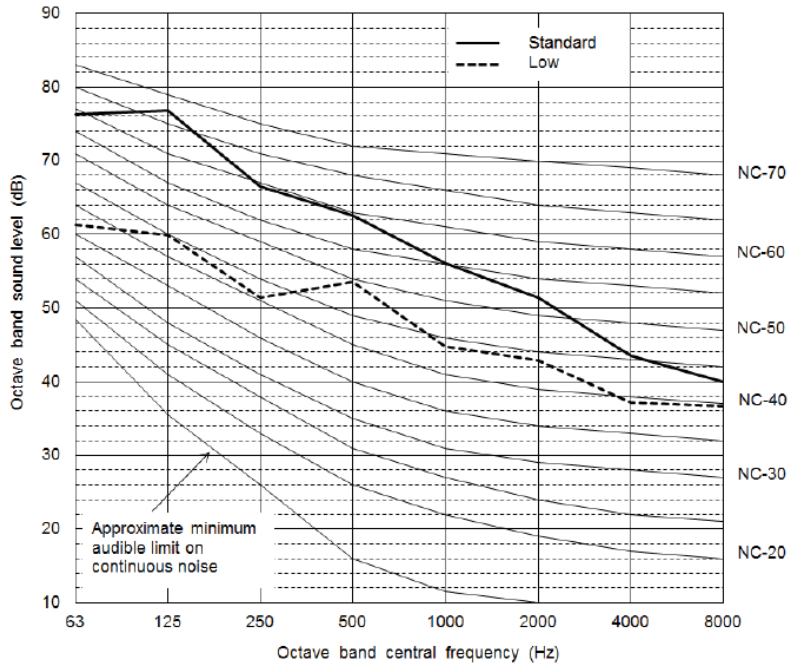


Fig. 36 —38VMA216RDS6-1

Table 43 —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.

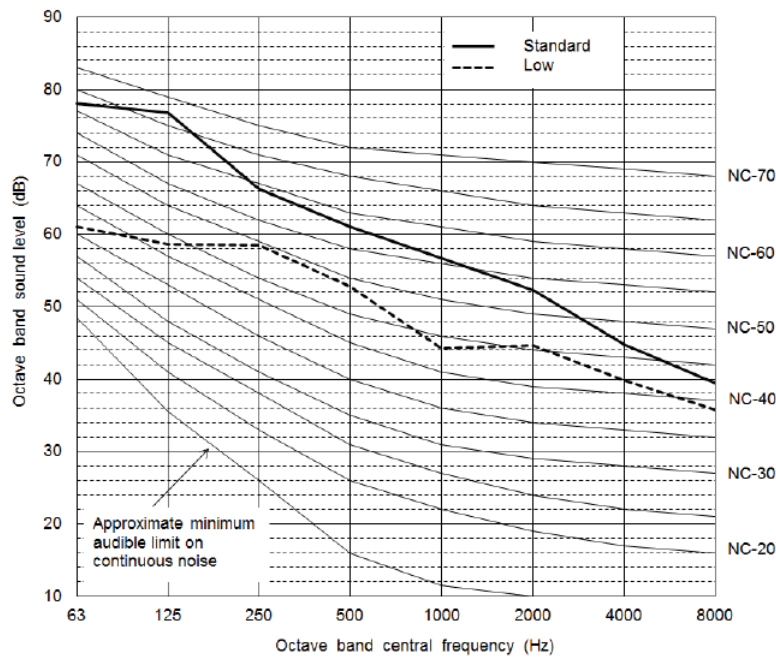


Fig. 37 —38VMA240RDS5-1

Table 44 —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

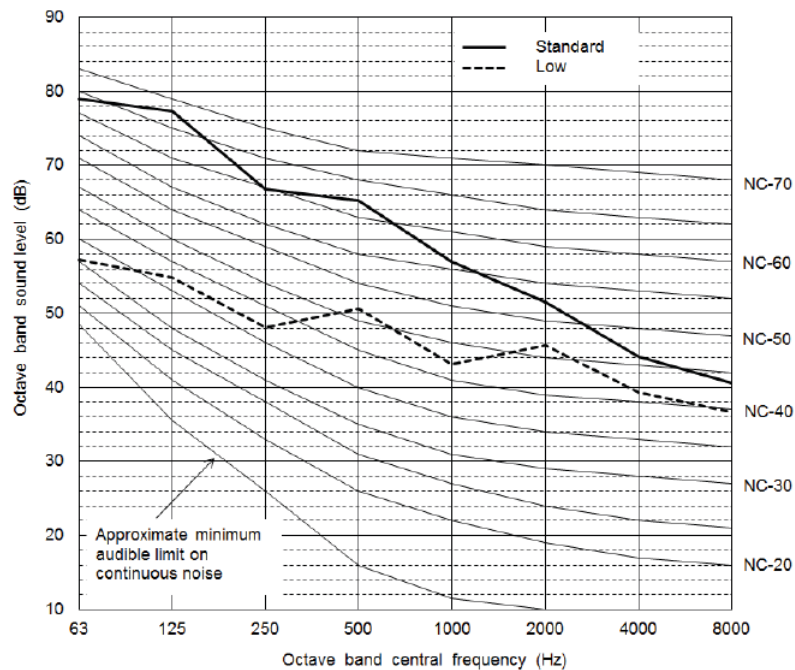


Fig. 38 —38VMA240RDS6-1

Table 45 —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.

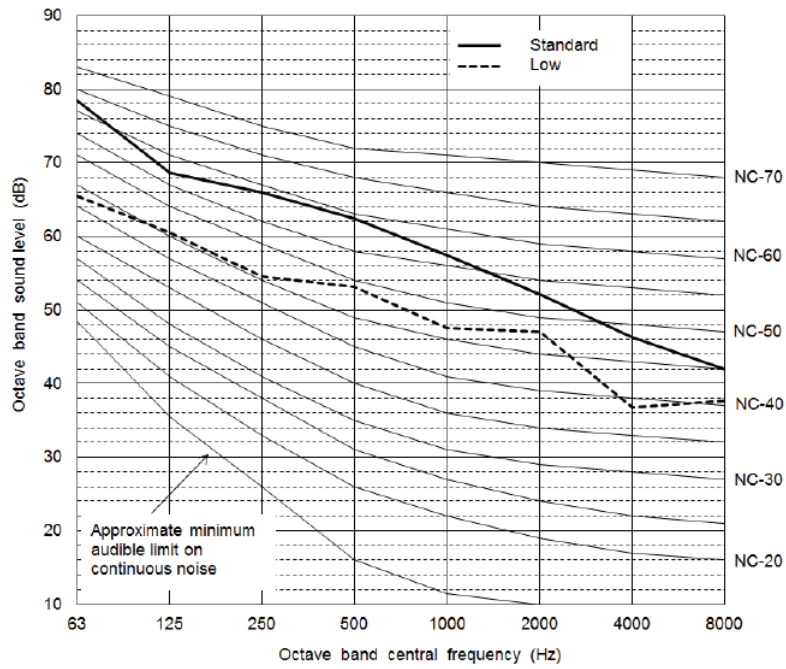


Fig. 39 —38VMA240RDL5-1

Table 46 —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

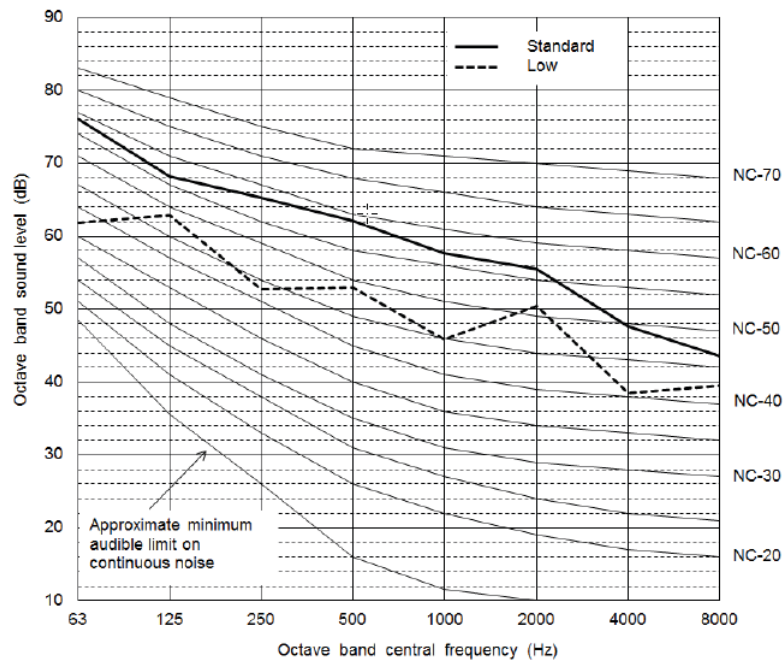


Fig. 40 —38VMA240RDL6-1

Table 47 —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.

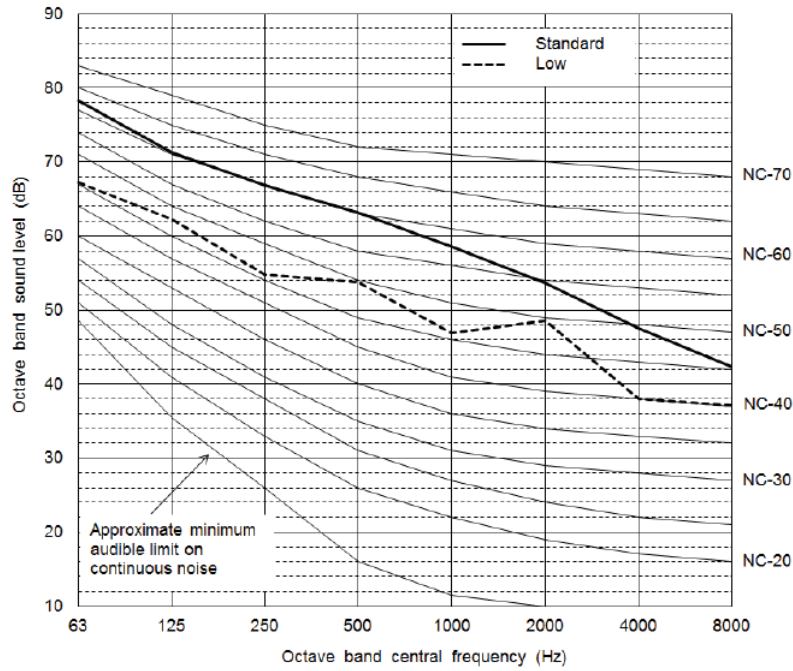


Fig. 41 —38VMA264RDS5-1

Table 48 —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

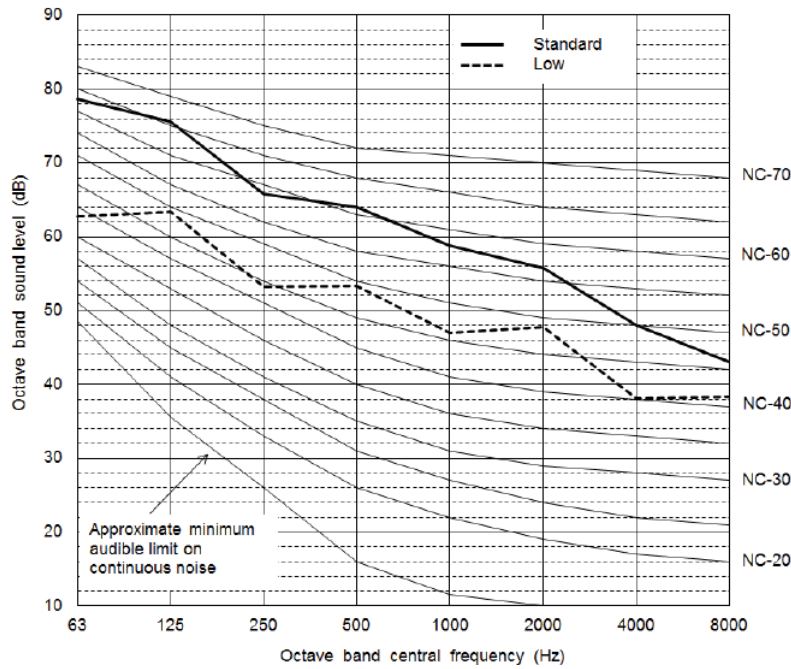


Fig. 42 —38VMA264RDS6-1

Table 49 —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.

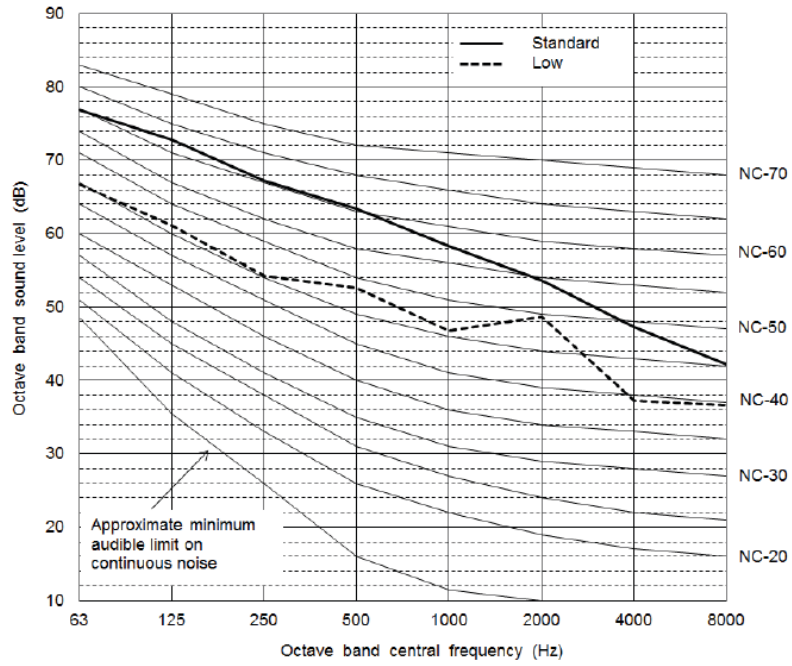


Fig. 43 —38VMA288RDS5-1

Table 50 —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

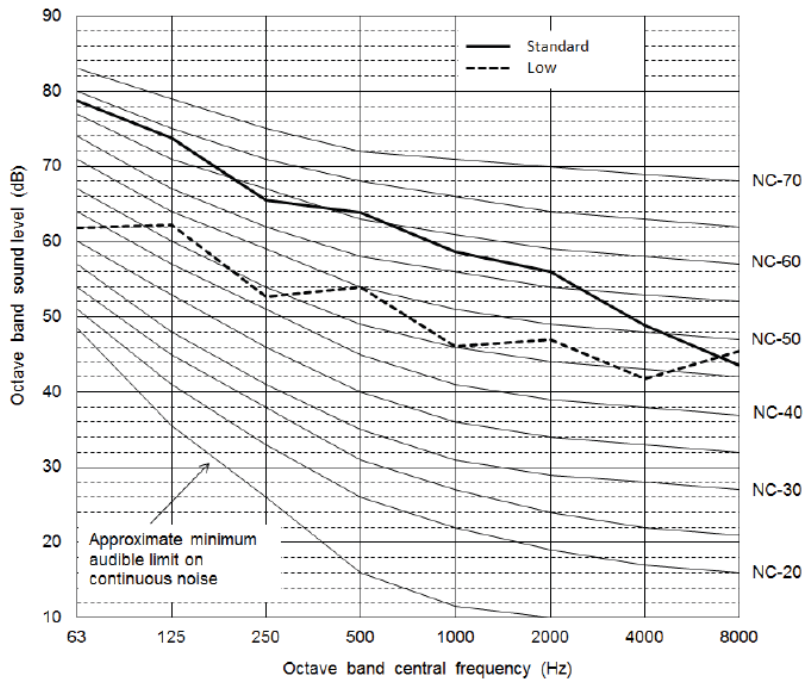


Fig. 44 —38VMA288RDS6-1

Table 51 —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.

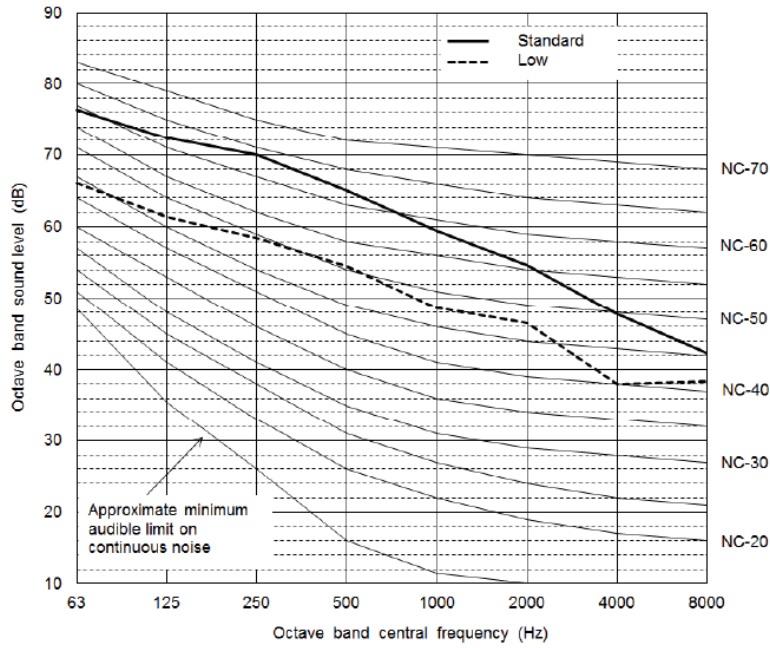


Fig. 45 —38VMA312RDS5-1

Table 52 —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

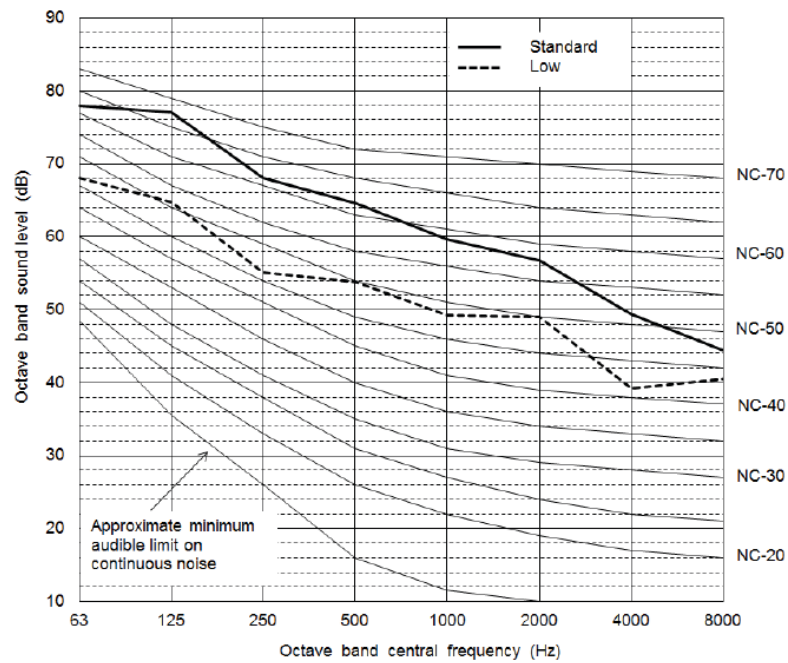


Fig. 46 —38VMA312RDS6-1

Table 53 —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.

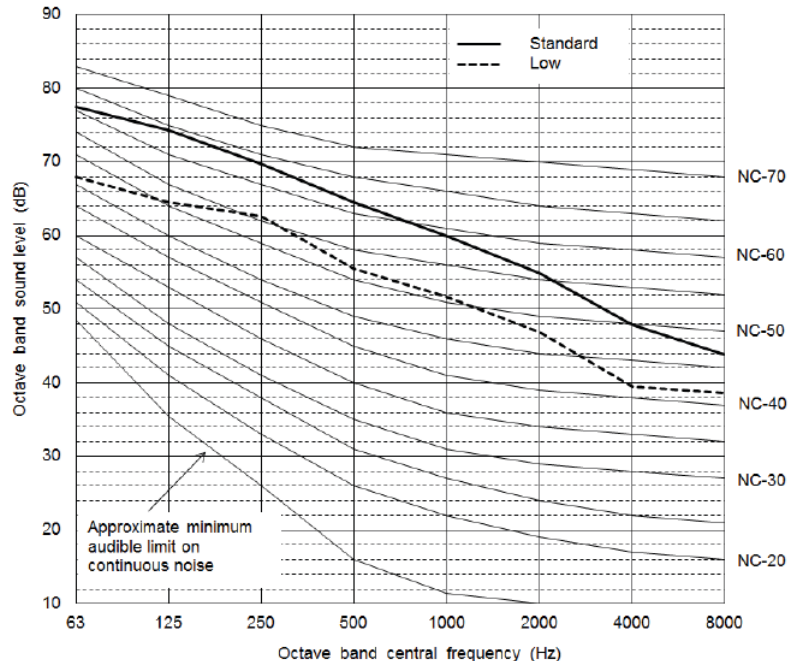


Fig. 47 —38VMA336RDS5-1

Table 54 —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

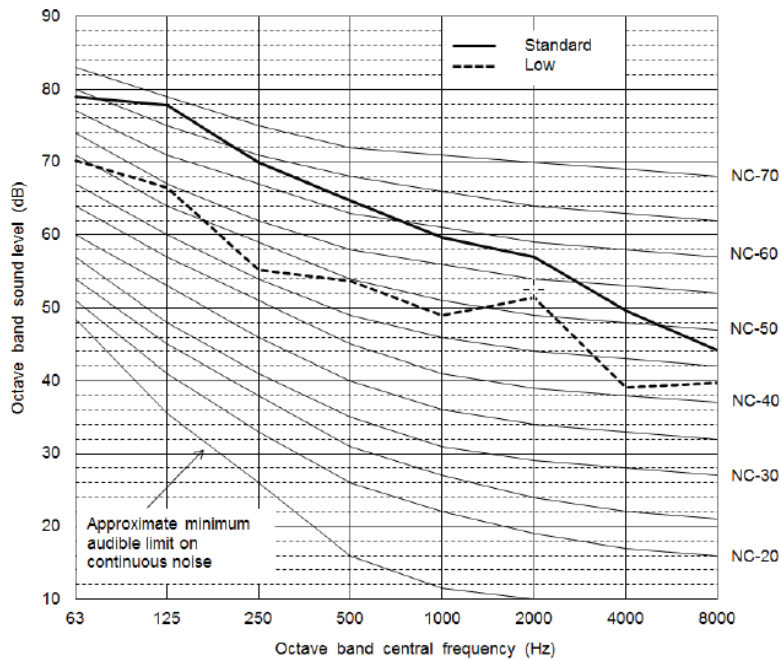


Fig. 48 —38VMA336RDS6-1

Table 55 —38VMA336RDS6-1

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.

REFRIGERANT PIPING DESIGN

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

Piping Scheme

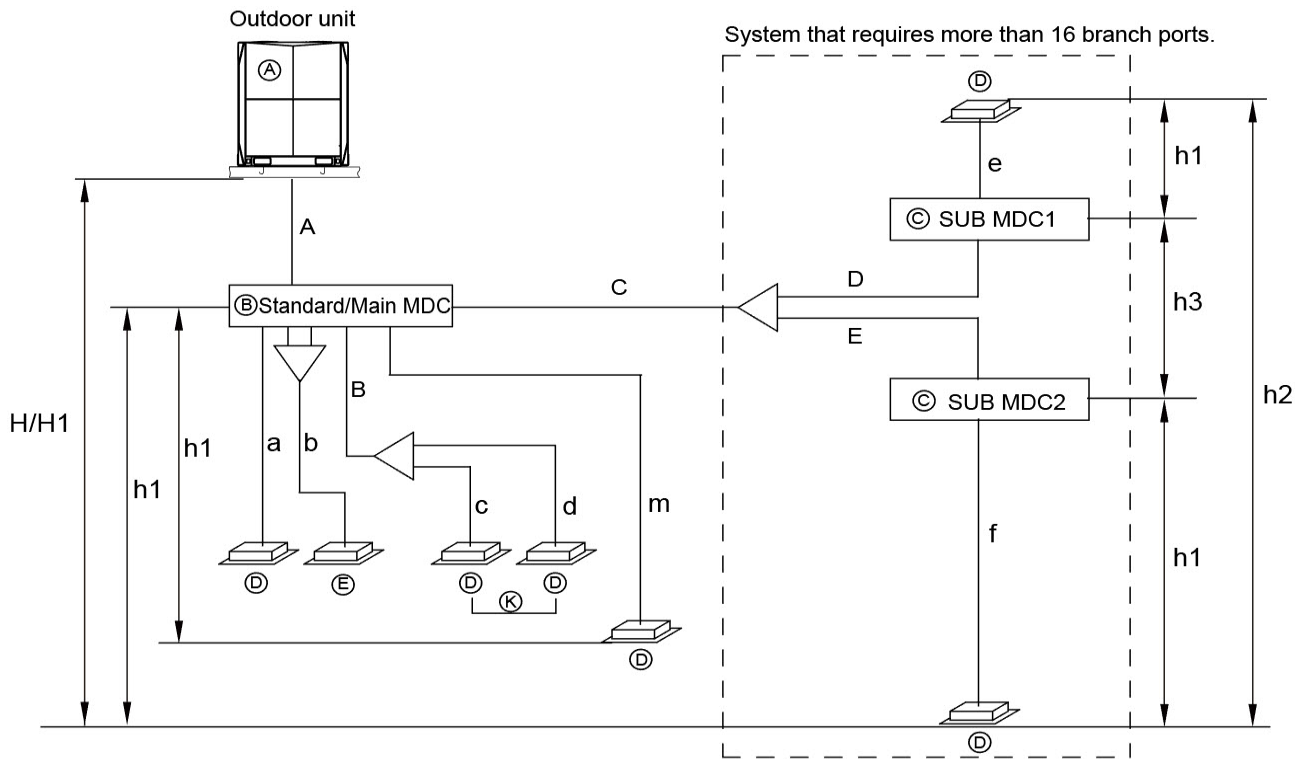


Fig. 49 —Piping Lengths and Drop Heights

Table 56 — 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+m
	Farthest Piping Length	Equivalent Length	≤ 623	A+C+E+f
		Actual Length	≤ 541	
	Distance Between Outdoor Unit & Main MDC	Actual Length	≤ 360	A
	Distance Between MDC & Indoor Unit	$\leq 131^*$	B+d, C+D+e, C+E+f, m	
Piping Height Difference	Height Between Outdoor & Indoor Unit	Outdoor Unit Above	≤ 164	H
		Outdoor Unit Below	≤ 131	H1
	Height Between MDC & Indoor Unit	$\leq 49^{**}$	h1	
	Height Between Indoor Units	$\leq 98^{***}$	h2	
	Height Between MDCs	≤ 49	h3	

* If no indoor unit size, 72K or 96K, are connected to MDC port, and if Height between MDC and Indoor Unit is ≤ 49 ft, distance between MDC and Indoor Unit can be extended up to 197 ft according to Fig. 51.

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

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

Table 57 —Main Pipe Selection (A)

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
240L	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 58 —Grouped Indoor Unit Pipe Selection (B)

TOTAL DOWN-STREAM IDU CAPACITY	LIQUID PIPE	GAS PIPE
54K or less	3/8"	5/8"

Table 59 —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 60 —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

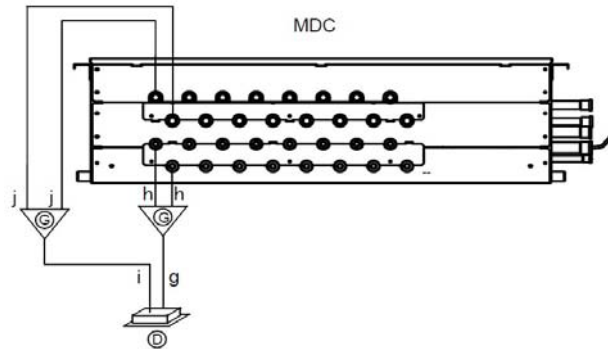


Fig. 50 —Merge the Two Ports

Table 61 —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 62 —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

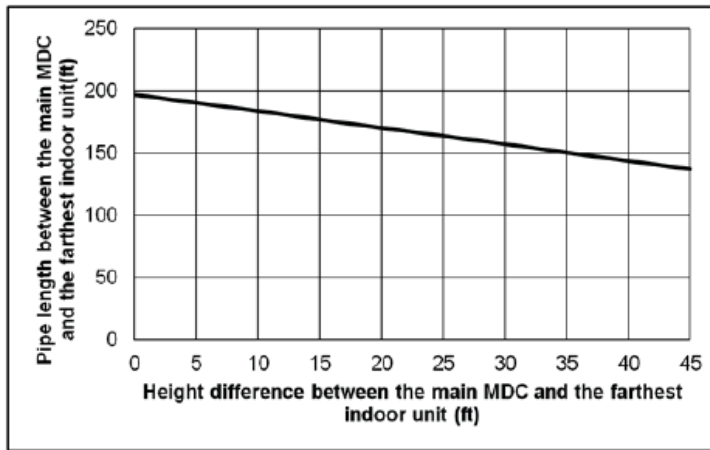
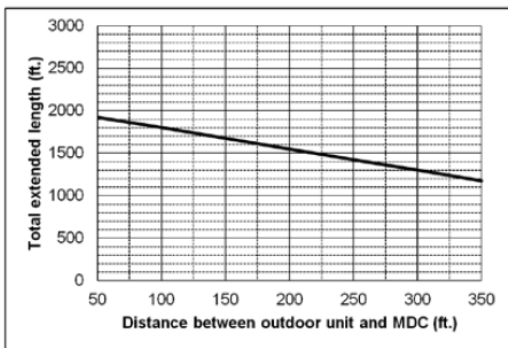
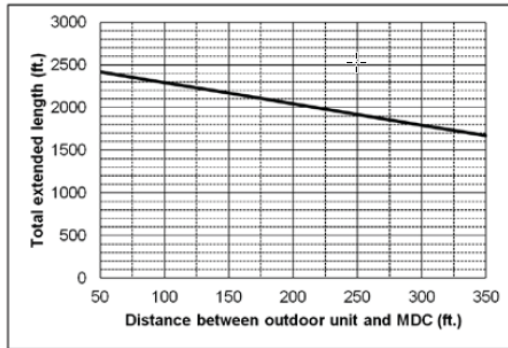


Fig. 51 —Piping Length and Height between Indoor Unit and MDC

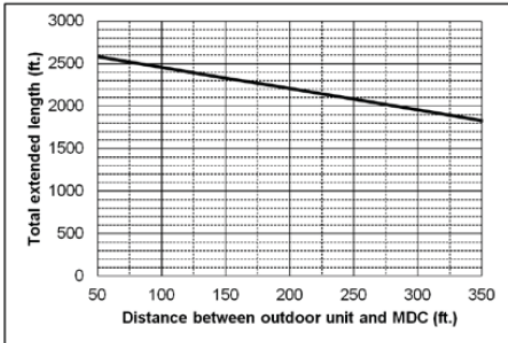
38VMA072, 096, 120, 144, 168RD models



38VMA192RD model



38VMA216, 240RD model



38VMA264, 288, 312, 336RD model

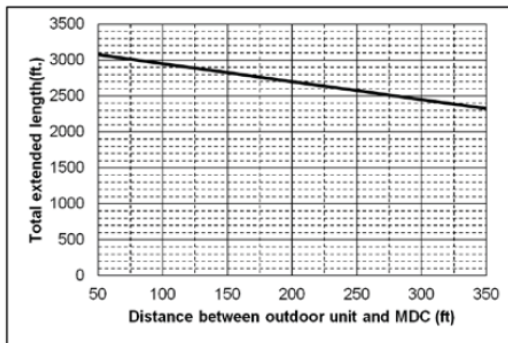


Fig. 52 —Total Piping Length Restrictions

Equipment Selection

SELECTION FLOW CHART

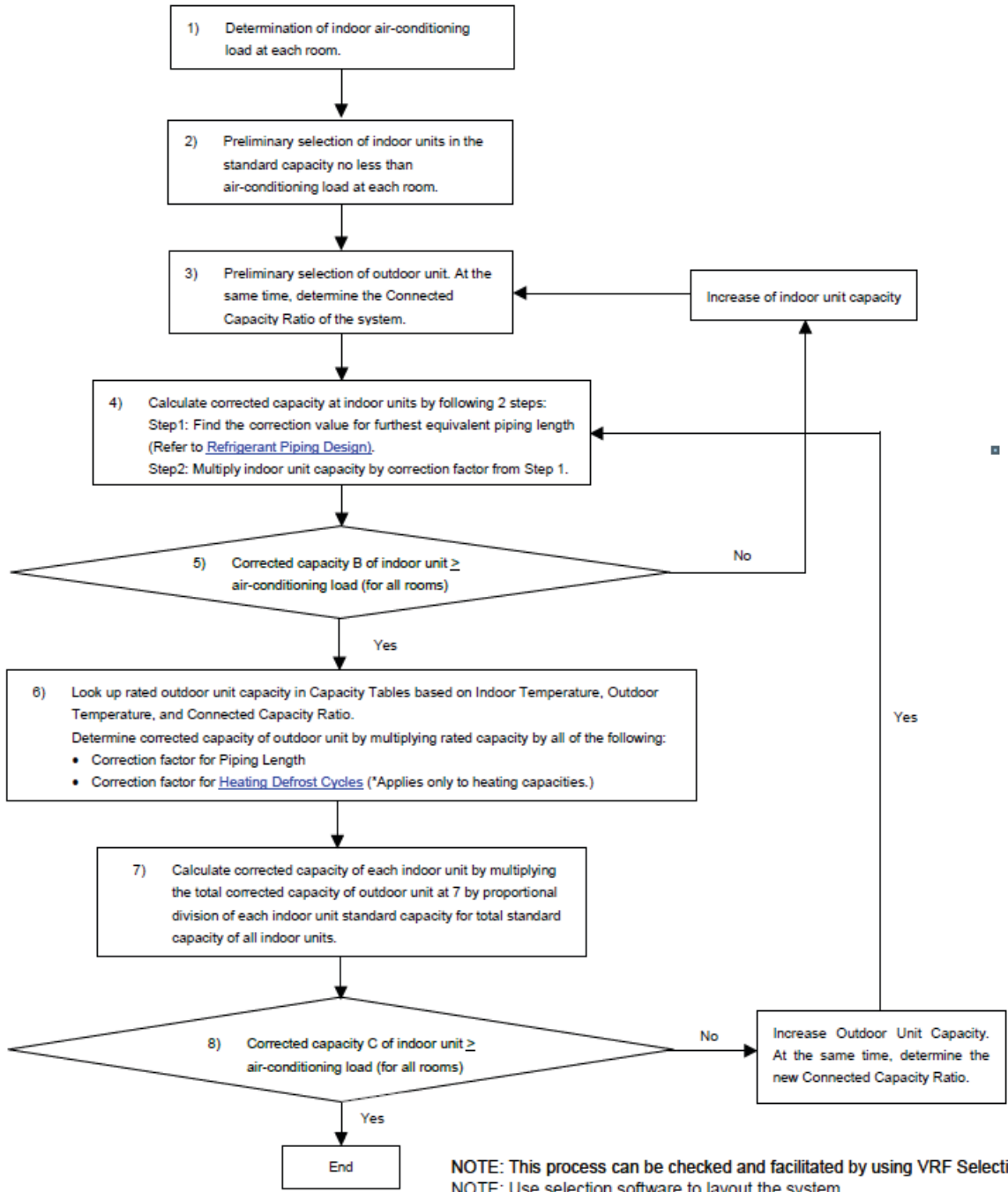


Fig. 53 —Selection Flow Chart

Connected Capacity Ratio

Table 63 —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 64 —Indoor Unit Capacity Index

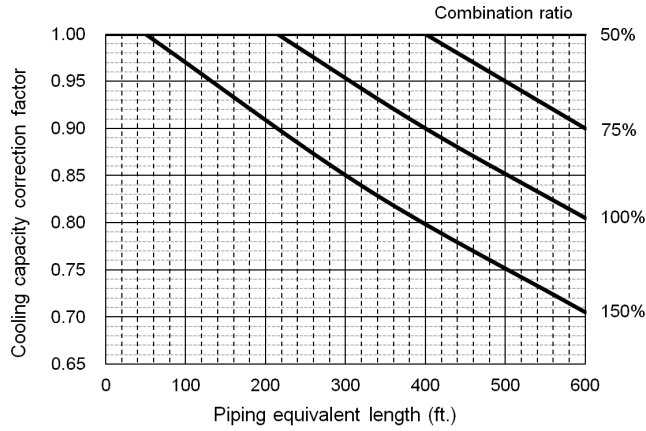
Unit Size	Model 007	Model 009	Model 012	Model 015	Model 018	Model 024
Capacity Index (kBtu/h)	7	9	12	15	18	24
Unit Size	Model 030	Model 036	Model 048	Model 054	Model 072	Model 096
Capacity Index (kBtu/h)	30	36	48	54	72	96

CORRECTION OF REFRIGERANT PIPING LENGTH

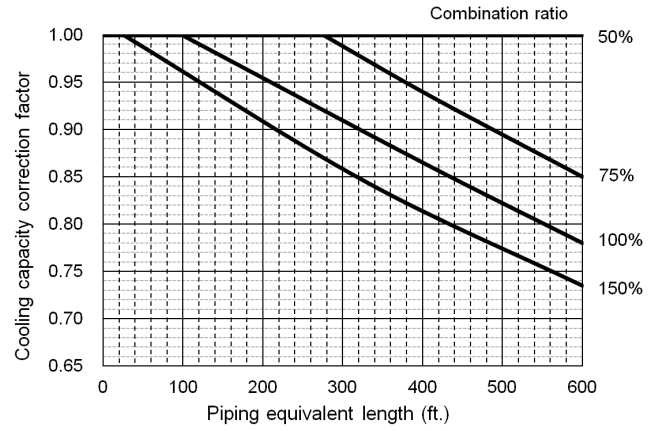
38VMA***RD system can extend the piping flexibly within its limitation to suit the actual situation. However, it will cause a decrease in cooling/heating capacity due to pressure loss because of the longer piping length. Use the following correction factor to calculate the capacity (approximately).

Table 65 —Cooling Capacity Correction

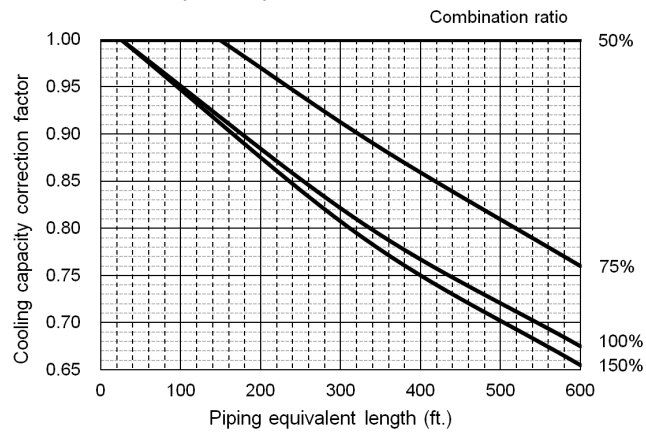
38VMA072RDS5-1(RDS6-1)



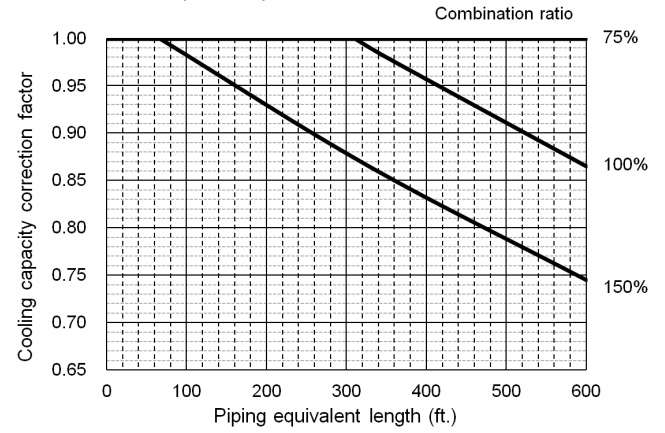
38VMA096RDS5-1(RDS6-1)



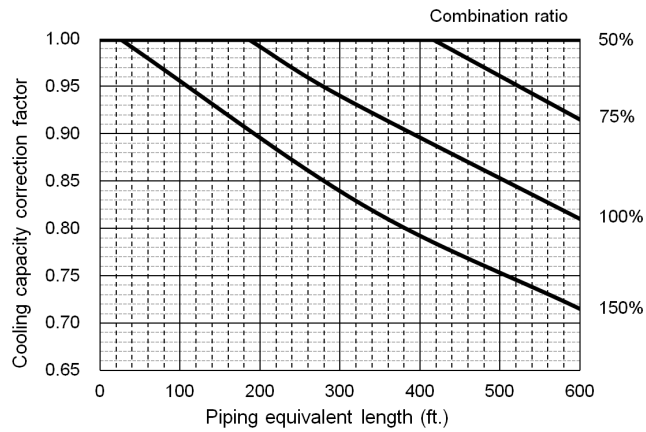
38VMA120RDS5-1(RDS6-1)



38VMA144RDL5-1(RDL6-1)



38VMA168RDS5-1(RDS6-1)



38VMA192RDS5-1(RDS6-1)

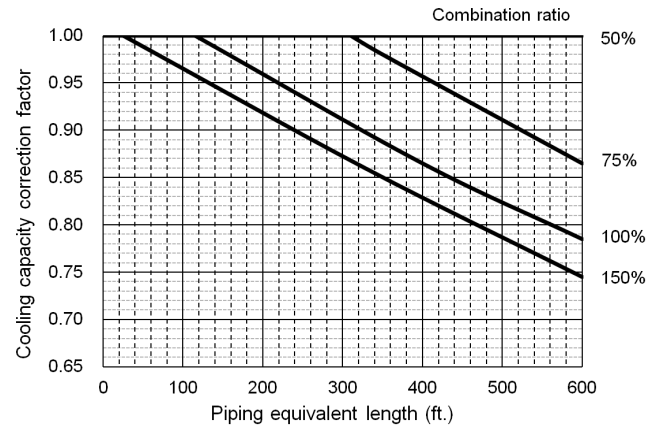
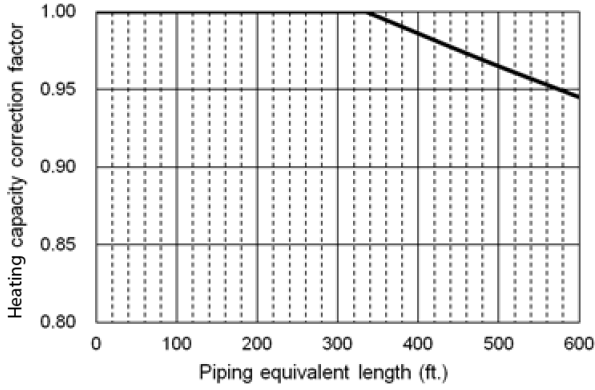
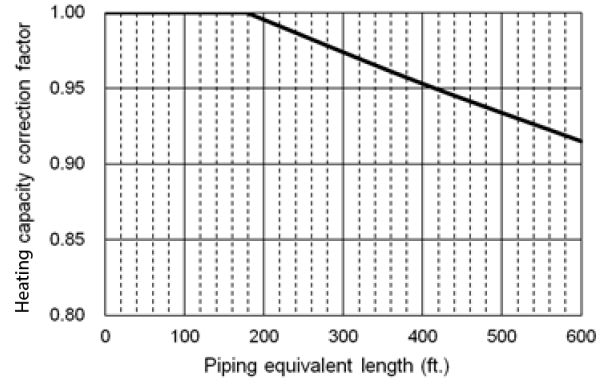


Table 66 — Heating Capacity Correction

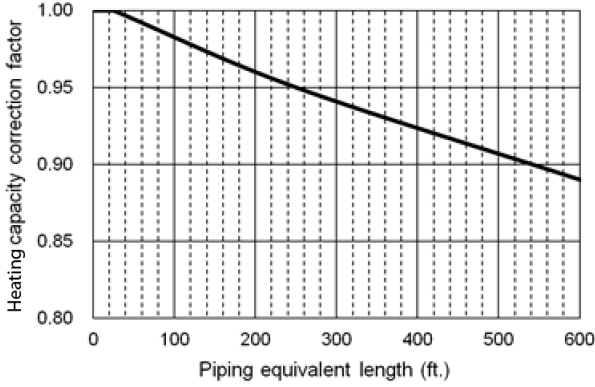
38VMA072RDS5-1(RDS6-1)



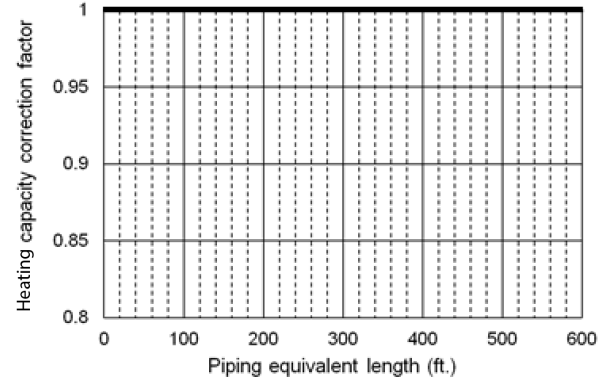
38VMA096RDS5-1(RDS6-1)



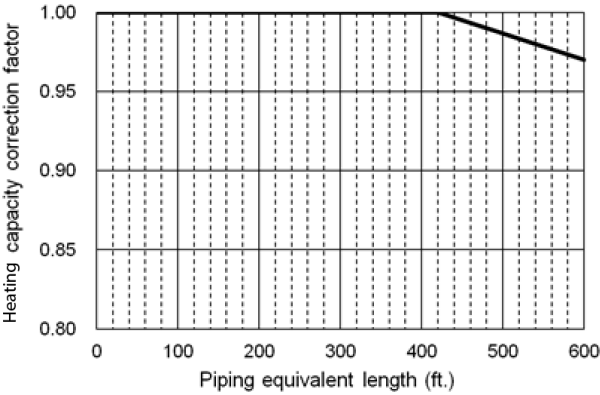
38VMA120RDS5-1(RDS6-1)



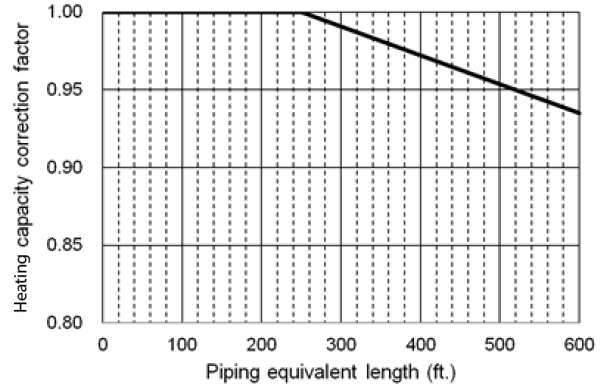
38VMA144RDL5-1(RDL6-1)



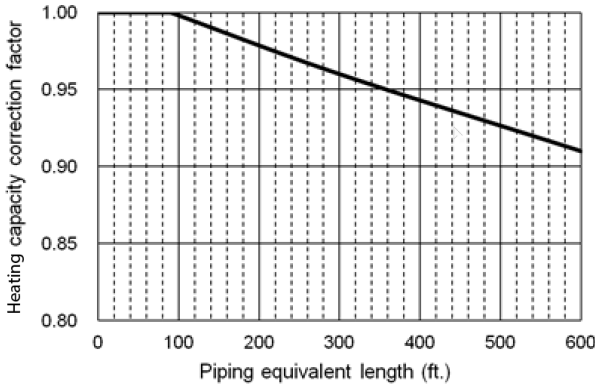
38VMA168RDS5-1(RDS6-1)



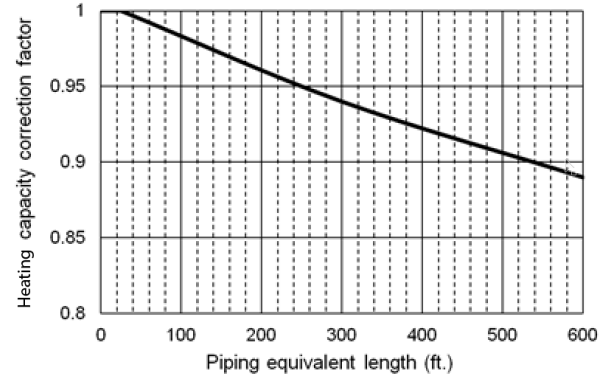
38VMA192RDS5-1(RDS6-1)



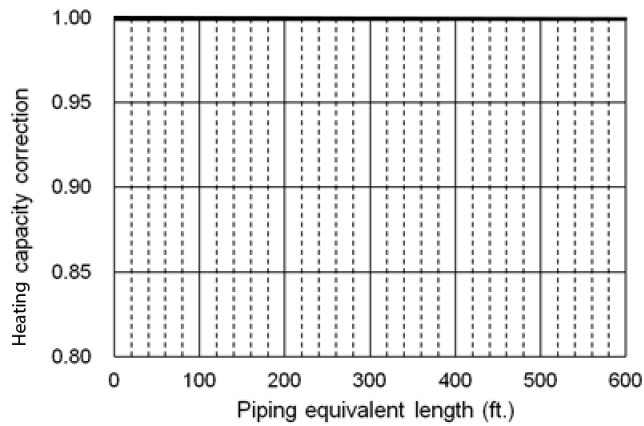
38VMA216RDS5-1(RDS6-1)



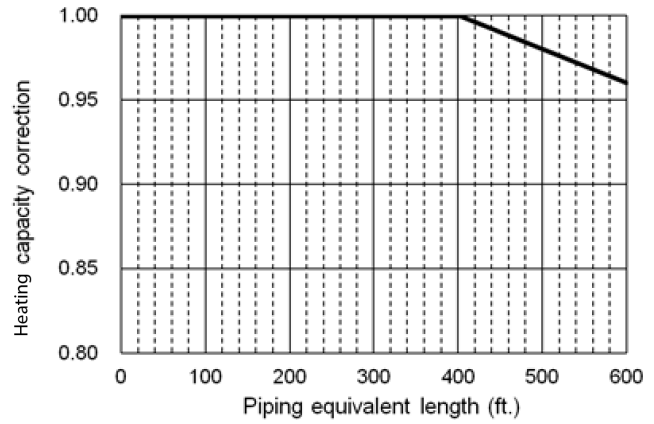
38VMA240RDS5-1(RDS6-1)



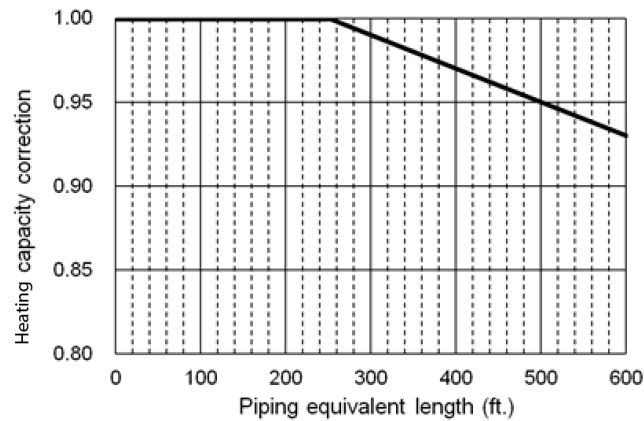
38VMA240RDL5-1(RDL6-1)



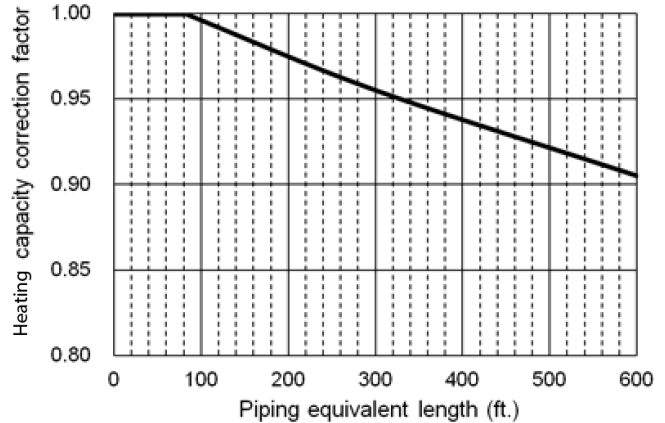
38VMA264RDS5-1(RDS6-1)



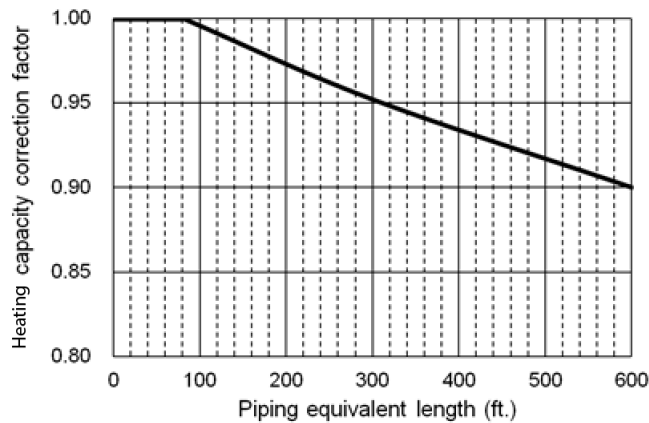
38VMA288RDS5-1(RDS6-1)



38VMA312RDS5-1(RDS6-1)



38VMA336RDS5-1(RDS6-1)



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.]

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 67 —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

REFRIGERANT CHARGE CALCULATION

Calculate the amount of refrigerant (R-410A) to add using Table 68 to Table 72 and Fig. .

Table 68 —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 69 —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 70 —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 71 —Refrigerant to Add for Sub MDC

SUB MDC MODEL NAME	CHARGE AMOUNT PER UNIT (lbs)
40VMD006S	2.2
40VMD008S	2.2
40VMD010S	4.4
40VMD016S	4.4

Table 72 —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

Calculating the Amount of Refrigerant to Add

$$R = (HP \times RGP) + (LP \times RLP) + MM + SM = CC$$

Legend:

R = Refrigerant (lbs)

HP = Actual length of high pressure at diameter Ø (ft)

RHP = Refrigerant to add per high pressure pipe (lbs/ft) (Table 68)

LP = Actual length of liquid pipes at diameter Ø (ft)

RLP = Refrigerant to add per liquid pipe (lbs/ft) (Table 69)

MM = Refrigerant to add for main MDCs (lbs/ft) (Table 70)

SM = Refrigerant to add for Sub MDCs (lbs/ft) (Table 71)

CC = Refrigerant to add for connecting capacity (lbs/ft) (Table 72)

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 the “Maximum Refrigerant Charge” in the table below.

Table 73 —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.

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 hose 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.

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

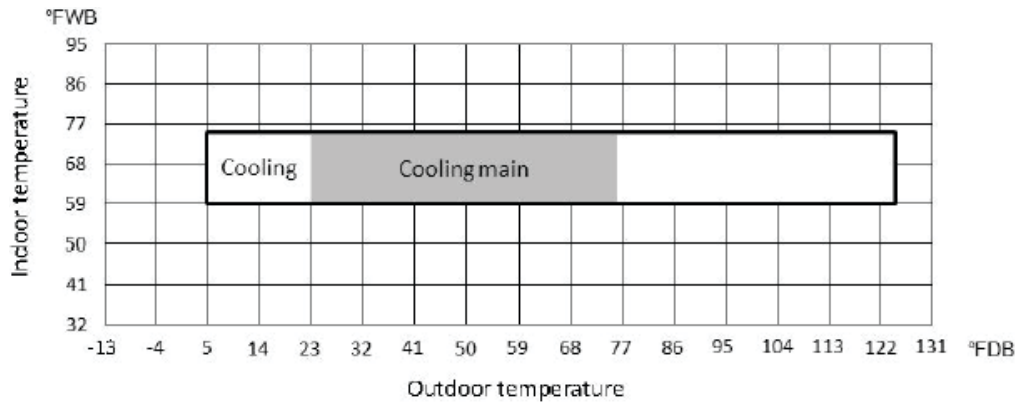


Fig. 54 —Temperature Operation Limits – Cooling

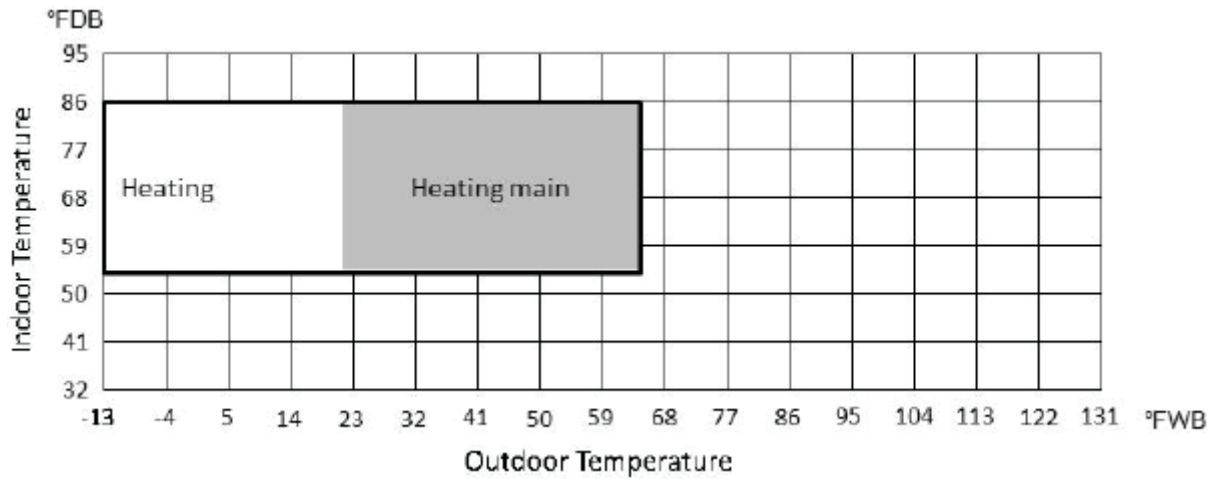


Fig. 55 —Temperature Operation Limits – Heating

Table 74 —Operating Temperature Range

MODE	OUTDOOR TEMPERATURE	INDOOR TEMPERATURE
Cooling	5~125 F°DB (-15~51.7 C°DB)	59~75 F°WB (15~23.9 C°WB)
Heating	-13~64 F°WB (-25~17.8 C°WB)	54~86 F°DB (12.2~30 C°DB)
Cooling Main	23~75 F°DB (-5~23.9 C°DB)	59~75 F°WB (15~23.9 C°WB)
Heating Main	21~64 F°WB (-6.1~17.8 C°WB)	54~86 F°DB (12~30 C°DB)

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
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 80 —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 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
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
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
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
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	134.1	12.2	
122	59.1	5.0	75.8	7.0	88.3	8.6	100.8	10.7	113.3	12.2	121.5	13.4	134.1	13.8	
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
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
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 105 —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
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 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
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 108 —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 109 —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 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
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
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
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
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
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

Heating Capacity

Table 127 —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 128 —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
120	-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
	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	
110	-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
	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	
100	-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
	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 129 —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
90	-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
	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	
80	-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
	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	
70	-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
	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 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
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 131 —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
150	-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
	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	
140	-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
	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	
130	-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
	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 132 —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
120	-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
	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	
110	-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
	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	
100	-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
	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 133 —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
90	-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	88.8	9.5
	15	14	93.1	8.5	92.8	8.9	92.5	9.3	92.3	9.5	92.1	9.7	91.9	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
	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	
80	-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
	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	
70	-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
	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 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
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 135 —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
150	-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
	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	
140	-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
	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	
130	-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
	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 136 —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
120	-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
	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	
110	-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
	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	
100	-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
	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 137 —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
90	-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
	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	
80	-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
	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	
70	-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
	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 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
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 139 —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
150	-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
	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	
140	-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
	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	
130	-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
	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 140 —38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. °FDB											
			61		65		68		70		72		75	
	%	°FDB	°FWB	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc
120	-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
	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	
110	-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
	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	
100	-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
	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 141 —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 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
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 143 —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
150	-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
	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	
140	-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
	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	
130	-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
	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 145 —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	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 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
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 147 —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
150	-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
	22	20	199.9	15.0	199.0	15.7	198.4	16.2	198.0	16.5	197.5	16.9	196.9	17.1
	26	24	211.8	15.3	210.9	16.0	210.2	16.5	209.7	16.9	209.3	17.2	208.9	17.4
	30	28	223.9	15.6	223.0	16.3	222.2	16.8	221.7	17.0	221.5	17.4	221.3	17.8
	35	32	236.3	15.8	235.3	16.5	234.8	16.6	234.7	16.1	234.5	15.6	234.3	14.7
	39	36	248.9	15.9	248.4	16.4	248.2	15.7	248.1	15.2	248.0	14.7	247.9	13.9
	44	40	261.7	16.0	261.4	15.5	261.3	14.8	261.2	14.4	261.1	13.9	261.0	13.1
	47	43	265.6	15.5	265.4	14.8	265.3	14.1	265.2	13.7	265.1	13.2	265.0	12.5
	51	47	265.6	14.5	265.4	13.8	265.3	13.2	265.2	12.8	265.1	12.4	265.0	11.7
	54	50	265.6	13.8	265.4	13.1	265.3	12.6	265.2	12.2	265.1	11.8	265.0	11.1
	57	53	265.6	13.1	265.4	12.4	265.3	11.9	265.2	11.5	265.1	11.1	265.0	10.5
60	56	265.6	12.3	265.4	11.7	265.3	11.2	265.2	10.9	265.1	10.5	265.0	9.9	
140	-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
	22	20	199.1	15.9	198.2	16.6	197.6	17.1	197.1	17.5	196.7	17.9	196.1	18.1
	26	24	210.9	16.2	210.0	16.9	209.3	17.5	208.9	17.9	208.4	18.2	207.9	18.4
	30	28	223.0	16.5	222.0	17.2	221.3	17.8	221.7	18.0	221.5	18.4	221.3	18.8
	35	32	235.3	16.7	234.3	17.4	233.8	17.6	233.7	17.0	233.5	16.5	233.3	15.6
	39	36	247.9	16.8	247.4	17.4	247.2	16.6	247.1	16.1	247.0	15.6	246.9	14.7
	44	40	260.6	16.9	260.4	16.4	260.3	15.7	260.2	15.2	260.1	14.7	260.0	13.9
	47	43	264.5	16.4	264.4	15.6	264.3	15.0	264.2	14.5	264.1	14.0	264.0	13.2
	51	47	264.5	15.4	264.4	14.6	264.3	14.0	264.2	13.6	264.1	13.1	264.0	12.4
	54	50	264.5	14.6	264.4	13.9	264.3	13.3	264.2	12.9	264.1	12.5	264.0	11.8
	57	53	264.5	13.8	264.4	13.1	264.3	12.6	264.2	12.2	264.1	11.8	264.0	11.1
60	56	264.5	13.0	264.4	12.4	264.3	11.9	264.2	11.5	264.1	11.1	264.0	10.5	
130	-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
	22	20	198.2	16.7	197.4	17.5	196.7	18.1	196.3	18.5	195.9	18.8	195.3	19.1
	26	24	210.0	17.1	209.1	17.9	208.5	18.5	208.0	18.8	207.6	19.2	207.1	19.4
	30	28	222.1	17.4	221.1	18.2	220.4	18.8	221.8	18.9	221.8	18.3	221.3	17.3
	35	32	234.3	17.6	233.3	18.4	232.9	18.5	232.8	18.0	232.7	17.4	232.6	16.4
	39	36	246.8	17.7	246.4	18.3	246.2	17.5	246.1	17.0	246.0	16.4	245.9	15.5
	44	40	259.6	17.8	259.4	17.3	259.2	16.5	259.1	16.0	259.0	15.5	258.9	14.6
	47	43	263.4	17.3	263.4	16.5	263.4	15.8	263.4	15.3	263.4	14.8	263.4	14.0
	51	47	263.4	16.2	263.4	15.4	263.4	14.8	263.4	14.3	263.4	13.8	263.4	13.1
	54	50	263.4	15.4	263.4	14.6	263.4	14.0	263.4	13.6	263.4	13.1	263.4	12.4
	57	53	263.4	14.6	263.4	13.9	263.4	13.3	263.4	12.9	263.4	12.4	263.4	11.7
60	56	263.4	13.7	263.4	13.1	263.4	12.5	263.4	12.1	263.4	11.7	263.4	11.1	

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
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 151 —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
150	-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
	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	
140	-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
	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	
130	-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
	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 152 —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
120	-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
	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	
110	-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
	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	
100	-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
	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 153 —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	
90	%	°FDB	°FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
	-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 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
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 155 —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
150	-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
	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	234.8	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	
140	-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
	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	233.8	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	
130	-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
	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 156 —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
120	-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	17.2	155.5	17.0	155.2	17.2	154.8	17.7	154.2	18.2
	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
	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	
110	-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
	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	
100	-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
	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 157 —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	229.7	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	187.1	24.2
	22	20	195.8	21.8	194.9	22.8	194.3	23.5	193.9	24.0	193.4	24.5	192.5	23.7
	26	24	207.4	22.2	206.5	23.2	205.8	24.0	205.4	24.5	205.1	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 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
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 159 —38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. ?DB											
			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 160 —38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. ?DB											
			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 161 —38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. ?WB											
			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 162 —38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor air temp.		Indoor air temp. ?WB											
			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 163 —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 164 —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
120	-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
	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	
110	-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
	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	
100	-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
	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 165 —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 166 —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 167 —38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?DB											
			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 168 —38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?DB											
			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 169 —38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?WB											
			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	259.6	29.3
	26	24	280.0	26.2	278.8	27.4	277.9	28.3	277.3	28.9	276.7	29.5	275.6	28.0
	30	28	296.4	26.6	295.1	27.8	294.1	28.7	293.7	29.0	293.3	28.1	292.6	26.6
	35	32	313.1	26.9	311.8	28.1	304.1	28.3	304.1	27.5	304.1	26.7	304.1	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 170 —38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?WB											
			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 171 —38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?DB											
			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 172 —38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?DB											
			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 173 —38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?WB											
			61		65		68		70		72		75	
			Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	?FDB	?WB	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 174 —38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?WB											
			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 175 —38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °DB												
			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 176 —38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?DB											
			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 177 —38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. °WB											
			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 178 —38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor air temp.		Indoor air temp. ?WB											
			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

APPENDIX - ELECTRICAL RATING PLATES

Small Cabinet Heat Recovery (6-10 Ton)




CONFORMS TO UL STD. 1995 CERTIFIED TO CSA STD. C22. 2 No. 236			
ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA072RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	43.0 A		
MAX FUSE OR HACR BREAKER	45.0 A		
FAN MOTOR	FLA	1.9+1.9 A	
	OUTPUT	180+180 W	
COMP. MOTOR	RLA	31.0 A	
	LRA	—	
NET WEIGHT	672 LBS		
REFRIGERANT	R410A/26.5 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
Carrier Corporation			

Fig. 56 —38VMA072RDS5-1




CONFORMS TO UL STD. 1995 CERTIFIED TO CSA STD. C22. 2 No. 236			
ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA096RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	45.0 A		
MAX FUSE OR HACR BREAKER	50.0 A		
FAN MOTOR	FLA	2.1+2.1 A	
	OUTPUT	210+210 W	
COMP. MOTOR	RLA	33.0 A	
	LRA	—	
NET WEIGHT	672 LBS		
REFRIGERANT	R410A/26.5 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
Carrier Corporation			

Fig. 56 —38VMA096RDS5-1




CONFORMS TO UL STD. 1995 CERTIFIED TO CSA STD. C22. 2 No. 236			
ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA120RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	46.0 A		
MAX FUSE OR HACR BREAKER	50.0 A		
FAN MOTOR	FLA	2.4+2.4 A	
	OUTPUT	250+250 W	
COMP. MOTOR	RLA	33.0 A	
	LRA	—	
NET WEIGHT	672 LBS		
REFRIGERANT	R410A/26.5 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
Carrier Corporation			

Fig. 57 —38VMA120RDS5-1




CONFORMS TO UL STD. 1995 CERTIFIED TO CSA STD. C22. 2 No. 236			
ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT PUMP MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA072HDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	22.0 A		
MAX FUSE OR HACR BREAKER	25.0 A		
FAN MOTOR	FLA	1.4+1.4 A	
	OUTPUT	270+270 W	
COMP. MOTOR	RLA	15.0 A	
	LRA	—	
NET WEIGHT	659 LBS		
REFRIGERANT/WEIGHT	R410A/37.5 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR U E UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V00001		
Carrier Corporation			

Fig. 58 —38VMA072HDS6-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT PUMP MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA096HDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	25.0 A		
MAX FUSE OR HACR BREAKER	30.0 A		
FAN MOTOR	FLA	1.4+1.4 A	
	OUTPUT	270+270 W	
COMP. MOTOR	RLA	17.0 A	
	LRA	—	
NET WEIGHT	659 LBS		
REFRIGERANT/WEIGHT	R410A/37.5 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V00001		
Carrier Corporation			

Fig. 59 —38VMA096HDS6-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT PUMP MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA120HDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	25.0 A		
MAX FUSE OR HACR BREAKER	30.0 A		
FAN MOTOR	FLA	1.4+1.4 A	
	OUTPUT	270+270 W	
COMP. MOTOR	RLA	17.0 A	
	LRA	—	
NET WEIGHT	659 LBS		
REFRIGERANT/WEIGHT	R410A/37.5 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V00001		
Carrier Corporation			

Fig. 60 —38VMA120HDS6-1

Medium Cabinet Heat Recovery (12-20 Ton)




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA144RDL5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	70.0 A		
MAX FUSE OR HACR BREAKER	80.0 A		
FAN MOTOR	FLA	2.2+2.2 A	
	OUTPUT	260+260 W	
COMP. MOTOR	RLA	29.0+29.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V00001		
<i>Carrier Corporation</i>			

Fig. 61 —38VMA144RDL5-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA168RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	70.0 A		
MAX FUSE OR HACR BREAKER	80.0 A		
FAN MOTOR	FLA	2.2+2.2 A	
	OUTPUT	260+260 W	
COMP. MOTOR	RLA	29.0+29.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V00001		
<i>Carrier Corporation</i>			

Fig. 62 —38VMA168RDS5-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA192RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	71.0 A		
MAX FUSE OR HACR BREAKER	80.0 A		
FAN MOTOR	FLA	2.7+2.7 A	
	OUTPUT	340+340 W	
COMP. MOTOR	RLA	29.0+29.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V00001		
<i>Carrier Corporation</i>			

Fig. 63 —38VMA192RDS5-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA216RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	81.0 A		
MAX FUSE OR HACR BREAKER	90.0 A		
FAN MOTOR	FLA	3.1+3.1 A	
	OUTPUT	440+440 W	
COMP. MOTOR	RLA	33.0+33.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V00001		
<i>Carrier Corporation</i>			

Fig. 64 —38VMA216RDS5-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA240RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	81.0 A		
MAX FUSE OR HACR BREAKER	90.0 A		
FAN MOTOR	FLA	3.1+3.1 A	
	OUTPUT	440+440 W	
COMP. MOTOR	RLA	33.0+33.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V00001		
<i>Carrier Corporation</i>			

Fig. 65 —38VMA240RDS5-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA144RDL6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	35.0 A		
MAX FUSE OR HACR BREAKER	40.0 A		
FAN MOTOR	FLA	1.3+1.3 A	
	OUTPUT	260+260 W	
COMP. MOTOR	RLA	14.0+14.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
<i>Carrier Corporation</i>			

Fig. 66 —38VMA144RDS6-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA168RDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	35.0 A		
MAX FUSE OR HACR BREAKER	40.0 A		
FAN MOTOR	FLA	1.3+1.3 A	
	OUTPUT	260+260 W	
COMP. MOTOR	RLA	14.0+14.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
<i>Carrier Corporation</i>			

Fig. 67 —38VMA168RDL6-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA192RDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	35.0 A		
MAX FUSE OR HACR BREAKER	40.0 A		
FAN MOTOR	FLA	1.5+1.5 A	
	OUTPUT	340+340 W	
COMP. MOTOR	RLA	14.0+14.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
<i>Carrier Corporation</i>			

Fig. 68 —38VMA192RDS6-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA216RDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	38.0 A		
MAX FUSE OR HACR BREAKER	40.0 A		
FAN MOTOR	FLA	1.8+1.8 A	
	OUTPUT	440+440 W	
COMP. MOTOR	RLA	15.0+15.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
<i>Carrier Corporation</i>			

Fig. 69 —38VMA216RDS6-1




CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA240RDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	38.0 A		
MAX FUSE OR HACR BREAKER	40.0 A		
FAN MOTOR	FLA	1.8+1.8 A	
	OUTPUT	440+440 W	
COMP. MOTOR	RLA	15.0+15.0 A	
	LRA	—	
NET WEIGHT	1137 LBS		
REFRIGERANT	R410A/44.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
<i>Carrier Corporation</i>			

Fig. 70 —38VMA240RDS6-1

Large Cabinet Heat Recovery (20-28 Ton)



CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA240RDL5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	101 A		
MAX FUSE OR HACR BREAKER	110 A		
FAN MOTOR	FLA	1.6+1.6+1.6+1.6 A	
	OUTPUT	225+225+225+225 W	
COMP. MOTOR	RLA	30.8+29.0+27.0 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 71 —38VMA240RDL5-1



CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA264RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	104 A		
MAX FUSE OR HACR BREAKER	110 A		
FAN MOTOR	FLA	1.8+1.8+1.8+1.8 A	
	OUTPUT	265+265+265+265 W	
COMP. MOTOR	RLA	31.3+29.2+27.9 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 72 —38VMA264RDS5-1



CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA288RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	104 A		
MAX FUSE OR HACR BREAKER	110 A		
FAN MOTOR	FLA	1.8+1.8+1.8+1.8 A	
	OUTPUT	265+265+265+265 W	
COMP. MOTOR	RLA	31.3+29.2+27.9 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 73 —38VMA288RDS5-1



CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22. 2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA312RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	106 A		
MAX FUSE OR HACR BREAKER	110 A		
FAN MOTOR	FLA	2.0+2.0+2.0+2.0 A	
	OUTPUT	310+310+310+310 W	
COMP. MOTOR	RLA	31.5+29.5+28.5 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 74 —38VMA312RDS5-1



CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA336RDS5-1		
POWER SUPPLY	208/230V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	106 A		
MAX FUSE OR HACR BREAKER	110 A		
FAN MOTOR	FLA	2.0+2.0+2.0+2.0 A	
	OUTPUT	310+310+310+310 W	
COMP. MOTOR	RLA	31.5+29.5+28.5 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,230V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 75 —38VMA336RDS5-1



CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA240RDL6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	52 A		
MAX FUSE OR HACR BREAKER	60 A		
FAN MOTOR	FLA	0.85+0.85+0.85+0.85 A	
	OUTPUT	235+235+235+235 W	
COMP. MOTOR	RLA	15.3+14.6+14.5 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 76 —38VMA240RDS6-1



CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA264RDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	54 A		
MAX FUSE OR HACR BREAKER	60 A		
FAN MOTOR	FLA	0.95+0.95+0.95+0.95 A	
	OUTPUT	280+280+280+280 W	
COMP. MOTOR	RLA	15.9+15.0+14.5 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 77 —38VMA264RDL6-1



CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.			
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA288RDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	54 A		
MAX FUSE OR HACR BREAKER	60 A		
FAN MOTOR	FLA	0.95+0.95+0.95+0.95 A	
	OUTPUT	280+280+280+280 W	
COMP. MOTOR	RLA	15.9+15.0+14.5 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 78 —38VMA288RDS6-1



CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.		 Intertek 3124627	 Variable Refrigerant Flow (VRF) Multi-Split AC and HP AHRI Standard 1230
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA312RDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	55 A		
MAX FUSE OR HACR BREAKER	60 A		
FAN MOTOR	FLA	1.0+1.0+1.0+1.0 A	
	OUTPUT	330+330+330+330 W	
COMP. MOTOR	RLA	16.2+15.3+14.7 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 79 —38VMA312RDS6-1



CONFORMS TO UL STD 1995 CERTIFIED TO CSA STD. C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.		 Intertek 3124627	 Variable Refrigerant Flow (VRF) Multi-Split AC and HP AHRI Standard 1230
VRF HEAT RECOVERY MULTI-SPLIT OUTDOOR UNIT			
MODEL	38VMA336RDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	55 A		
MAX FUSE OR HACR BREAKER	60 A		
FAN MOTOR	FLA	1.0+1.0+1.0+1.0 A	
	OUTPUT	330+330+330+330 W	
COMP. MOTOR	RLA	16.2+15.3+14.7 A	
	LRA	—	
NET WEIGHT	1627 LBS		
REFRIGERANT/WEIGHT	R410A/77.2 LBS		
DESIGN PRESSURE	HIGH	580 PSIG	
	LOW	320 PSIG	
Short-circuit current:5kA rms symmetrical,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.			
<i>Carrier Corporation</i>			

Fig. 80 —38VMA336RDS6-1