

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
Nominal Cooling Capacity *1		Btu/h	69,000
Nominal Heating Capacity		Btu/h	77,000
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-15~64
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
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 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
 - * 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		
Nominal Cooling Capacity *1		Btu/h	114,000	136,000	
Nominal Heating Capacity *1		Btu/h	120,000	146,000	
Operating Range Cooling	Indoor	WB°F	59~75		
	Outdoor	DB°F	5~125		
Operating Range Heating	Indoor	DB°F	54~86		
	Outdoor	WB°F	-15~64		
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 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
 - * 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	
Nominal Cooling Capacity *1	Btu/h	158,000	182,000
Nominal Heating Capacity *1	Btu/h	168,000	188,000
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-15~64
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
			39

- REMARKS:
- * 1 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
 - * 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
Nominal Cooling Capacity *1		Btu/h	204,000
Nominal Heating Capacity *1		Btu/h	220,000
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-15~64
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
	High Pressure	in.	1-1/8
Indoor Unit	Total capacity *4		50%-150%
	Quantity (MAX)		44

- REMARKS:
- * 1 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
 - * 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	
Nominal Cooling Capacity *1		Btu/h	230,000	248,000
Nominal Heating Capacity *1		Btu/h	256,000	274,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-15~64	
Electrical Supply	MCA	A	101	104
	Recommended Fuse Size	A	110	
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 3	
	Crankcase	W	30 x 6	
Fan	Type x Quantity		Propeller Fan x 4	
	Air flow rate	CFM	14,500	15,500
	Max. External static pressure *2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	225 x 4	265 x 4
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
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 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
 - * 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
Nominal Cooling Capacity *1		Btu/h	274,000
Nominal Heating Capacity *1		Btu/h	289,000
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-15~64
Electrical Supply	MCA	A	104
	Recommended Fuse Size	A	110
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 3
	Crankcase	W	30 x 6
Fan	Type x Quantity		Propeller Fan x 4
	Air flow rate	CFM	15,500
	Max. External static pressure *2		0.24 in. WG
Fan Motor	Type		Brushless DC MOTOR
	Output	W	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	64.8
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
	High Pressure	in.	1-1/8
Indoor Unit	Total capacity *4		50%-150%
	Quantity (MAX)		59

- REMARKS:
- * 1 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
 - * 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	
Nominal Cooling Capacity *1	Btu/h	308,000	
Nominal Heating Capacity *1	Btu/h	310,000	
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-15~64
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 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
 * 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	
Nominal Cooling Capacity *1		Btu/h	69,000	92,000
Nominal Heating Capacity *1		Btu/h	77,000	103,000
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-15~64	
Electrical Supply	MCA	A	20	22
	Recommended Fuse Size	A	30	
Compressor	Type x Quantity		INVERTER-driven Scroll Hermetic x 1	
	Crankcase	W	30 x 2	
Fan	Type x Quantity		Propeller Fan x 2	
	Air flow rate	CFM	6,900	7,600
	Max. External static pressure *2		0.24 in. WG	
Fan Motor	Type		Brushless DC MOTOR	
	Output	W	180 + 180	210 + 210
Heat Exchanger			Inner Groove Copper Tube and Hydrophilic Aluminum fin	
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 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
- * 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		
Nominal Cooling Capacity *1	Btu/h	114,000	136,000	
Nominal Heating Capacity *1	Btu/h	120,000	146,000	
Operating Range Cooling	Indoor	WB°F	59~75	
	Outdoor	DB°F	5~125	
Operating Range Heating	Indoor	DB°F	54~86	
	Outdoor	WB°F	-15~64	
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	dB(A)	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 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
 - * 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		
Nominal Cooling Capacity *1		Btu/h	158,000	182,000	
Nominal Heating Capacity *1		Btu/h	168,000	188,000	
Operating Range Cooling	Indoor	WB°F	59~75		
	Outdoor	DB°F	5~125		
Operating Range Heating	Indoor	DB°F	54~86		
	Outdoor	WB°F	-15~64		
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 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
 - * 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	
Nominal Cooling Capacity *1		Btu/h	204,000	220,000
Nominal Heating Capacity *1		Btu/h	210,000	222,000
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	-15~64	-15~64
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

- REMARKS:
- * 1 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
 - * 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
Nominal Cooling Capacity *1		Btu/h	230,000
Nominal Heating Capacity *1		Btu/h	256,000
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-15~64
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 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
 - * 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	
Nominal Cooling Capacity *1	Btu/h	274,000	296,000
Nominal Heating Capacity *1	Btu/h	289,000	304,000
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-15~64
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 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
 - * 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
Nominal Cooling Capacity *1		Btu/h	308,000
Nominal Heating Capacity *1		Btu/h	310,000
Operating Range Cooling	Indoor	WB°F	59~75
	Outdoor	DB°F	5~125
Operating Range Heating	Indoor	DB°F	54~86
	Outdoor	WB°F	-15~64
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 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
 - * 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.

Rating 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	12.20	21.60	77,000	3.66	26.10
38VMA096RDS5-1 (RDS6-1)	92,000	11.50	20.70	103,000	3.45	26.30
38VMA120RDS5-1 (RDS6-1)	114,000	10.60	20.30	120,000	3.30	25.40
38VMA144RDL5-1 (RDL6-1)	136,000	12.30	24.0	150,000	3.60	26.5
38VMA168RDS5-1 (RDS6-1)	158,000	10.04	20.58	168,000	3.21	23.94
38VMA192RDS5-1 (RDS6-1)	182,000	8.99	19.32	188,000	3.20	24.23
38VMA216RDS5-1 (RDS6-1)	204,000	8.73	19.20	210,000	3.20	25.18
38VMA240RDS5-1 (RDS6-1)	220,000	8.47	18.83	222,000	3.20	25.18
38VMA240RDL5-1 (RDL6-1)	230,000	10.60	20.80	256,000	3.37	26.60
38VMA264RDS5-1 (RDS6-1)	248,000	10.10	19.80	274,000	3.23	26.10
38VMA288RDS5-1 (RDS6-1)	274,000	9.50	19.10	289,000	3.22	25.70
38VMA312RDS5-1 (RDS6-1)	296,000	8.90	18.80	304,000	3.20	25.20
38VMA336RDS5-1 (RDS6-1)	308,000	8.70	18.70	310,000	3.20	24.20

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	13.00	21.90	77,000	3.89	28.5
38VMA096RDS5-1 (RDS6-1)	92,000	11.90	21.50	103,000	3.56	28.5
38VMA120RDS5-1 (RDS6-1)	114,000	10.80	21.00	120,000	3.30	28.5
38VMA144RDL5-1 (RDL6-1)	136,000	10.51	19.80	146,000	3.65	25.18
38VMA168RDS5-1 (RDS6-1)	158,000	9.54	19.40	170,000	3.26	25.65
38VMA192RDS5-1 (RDS6-1)	182,000	8.81	19.10	190,000	3.23	26.79
38VMA216RDS5-1 (RDS6-1)	204,000	8.67	18.70	212,000	3.22	25.94
38VMA240RDS5-1 (RDS6-1)	220,000	8.32	18.60	222,000	3.20	25.65
38VMA240RDL5-1 (RDL6-1)	230,000	11.20	21.30	256,000	3.54	28.50
38VMA264RDS5-1 (RDS6-1)	248,000	10.10	20.00	274,000	3.36	28.10
38VMA288RDS5-1 (RDS6-1)	274,000	9.50	19.20	289,000	3.25	27.80
38VMA312RDS5-1 (RDS6-1)	296,000	9.20	18.40	304,000	3.20	27.10
38VMA336RDS5-1 (RDS6-1)	308,000	9.10	19.00	310,000	3.20	26.60

NOTE: 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

Equivalent piping Length: 25 ft.

Level Difference: 0ft

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.

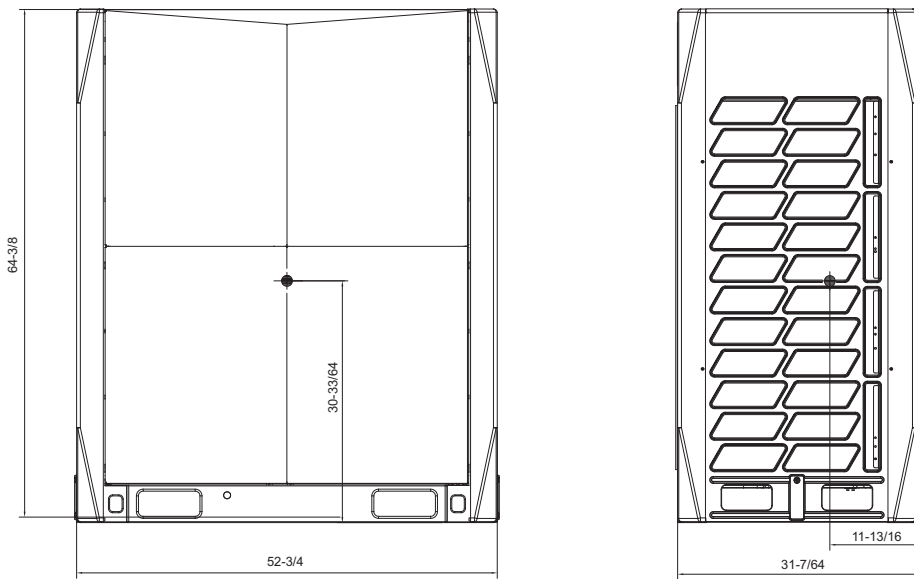
Table 17 —Combination Ratio

MIN. COMBINATION RATIO	MAX. COMBINATION RATIO			
	40VMH only *1 40VMV only *4	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.
3. When the total capacity of 40VMH048, 054, 072, 096---3 exceeds 30%, the combination must not exceed 100%.
4. This rule does not apply to the newest version of the 40VMV(A).

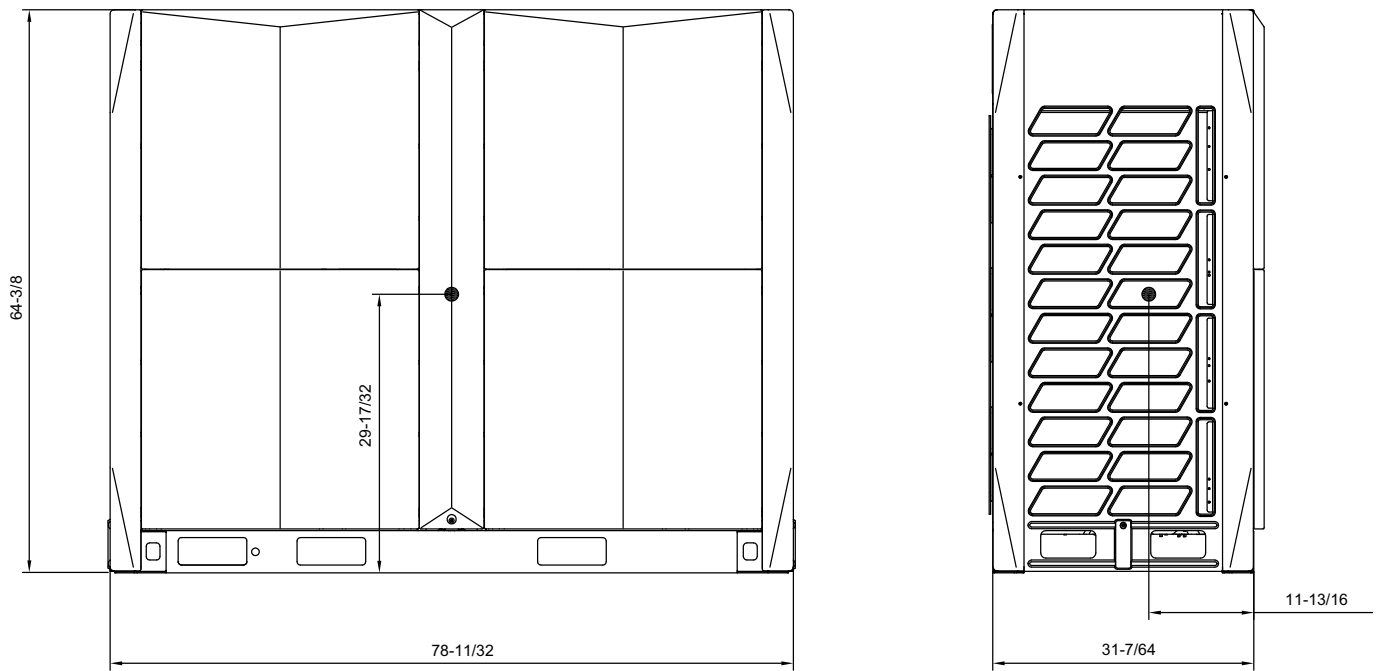
Center Of Gravity



NOTE: All dimensions are shown in inches.

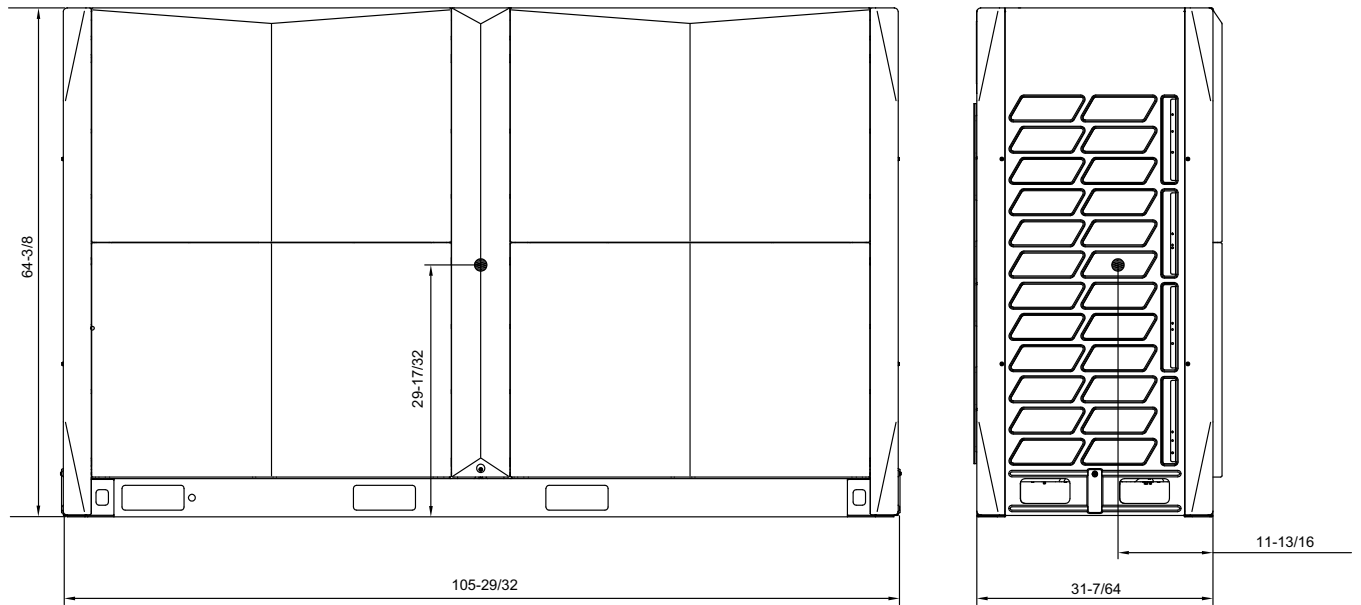
Fig. 1 —38VMA072, 096, 120RDS Models

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

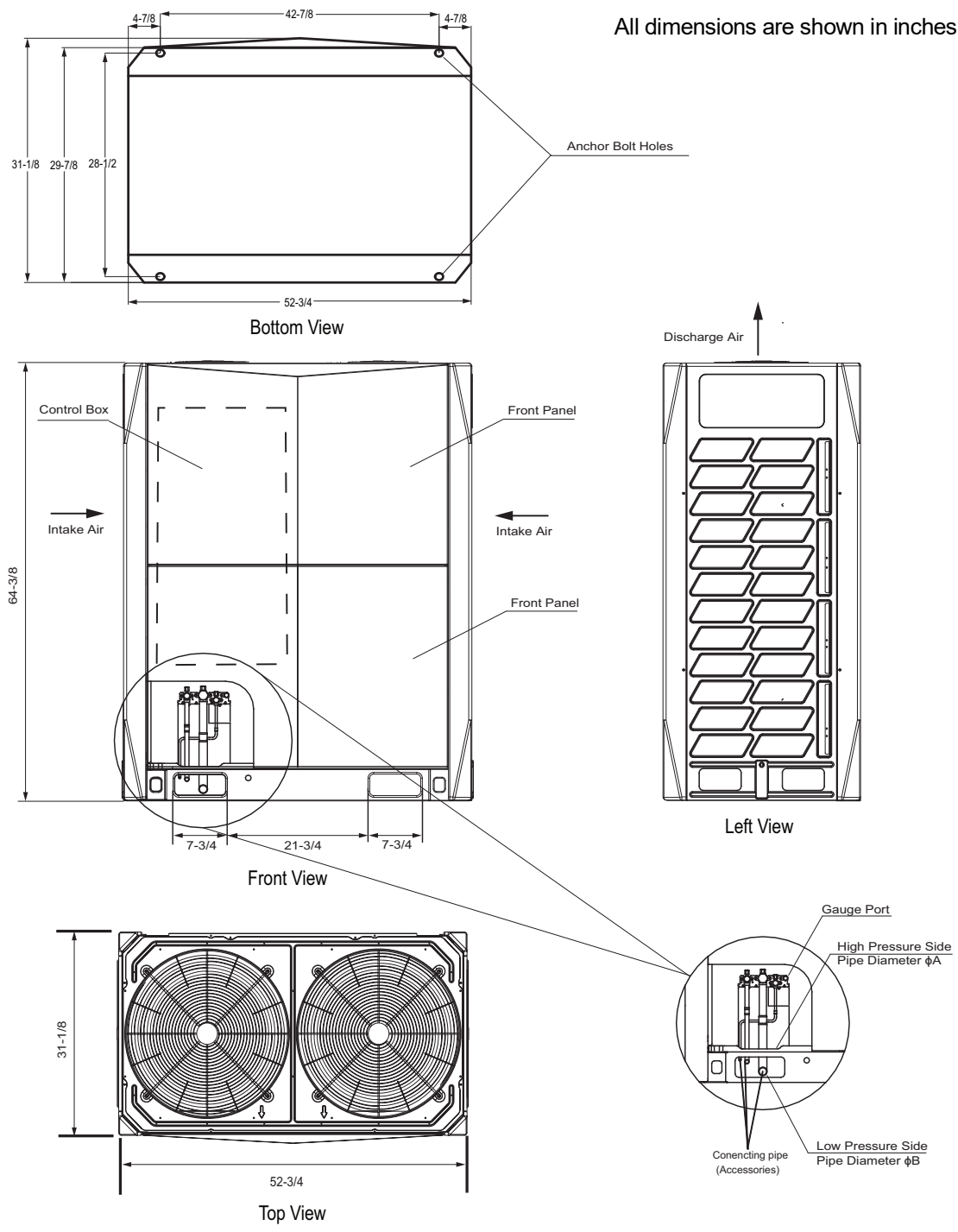


Fig. 4 —38VMA072, 096, 120RDS Models

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

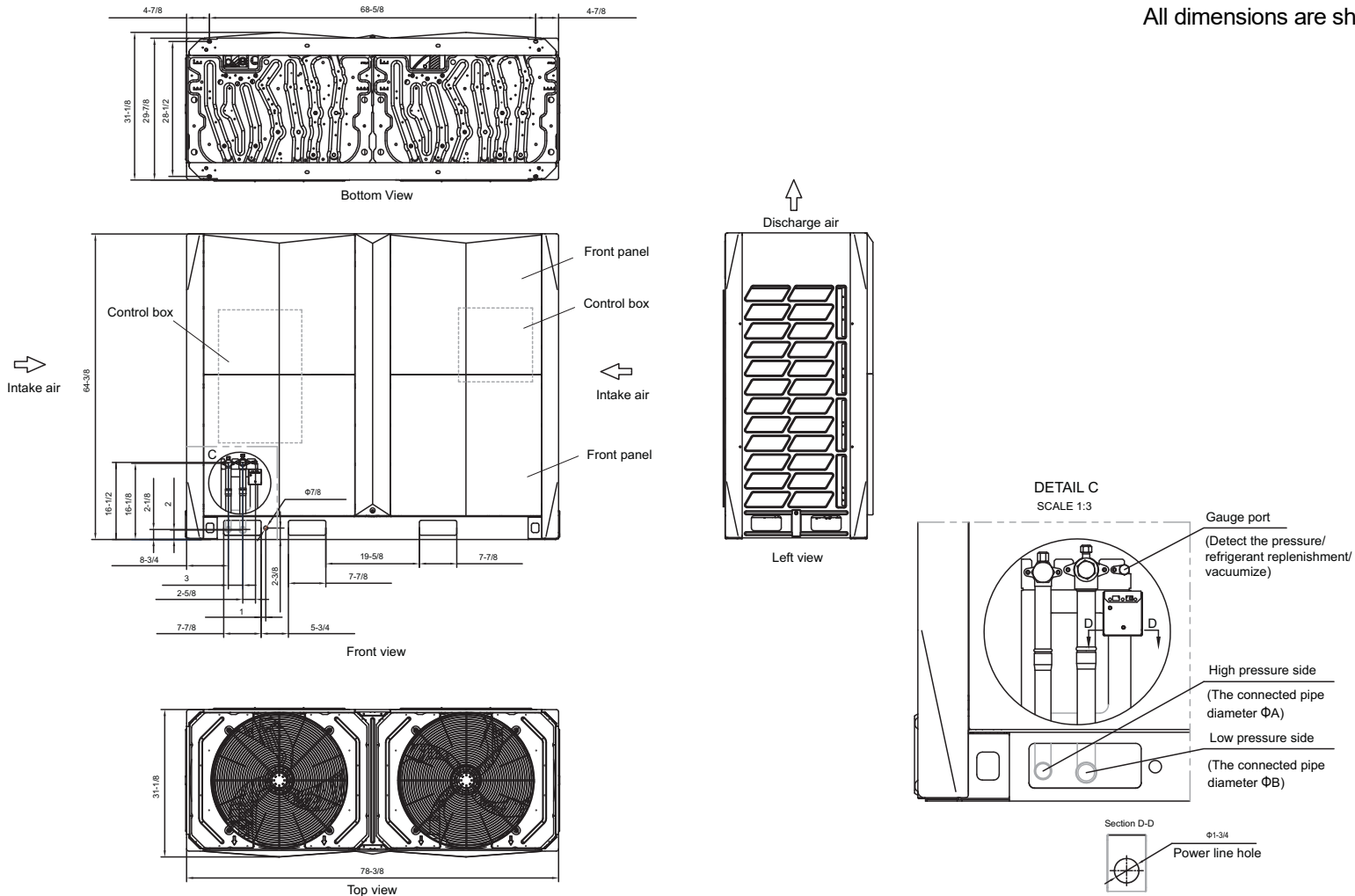


Fig. 5 —38VMA144, 38VMA168, 38VMA192, 38VMA216, 38VMA240RDS Models

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

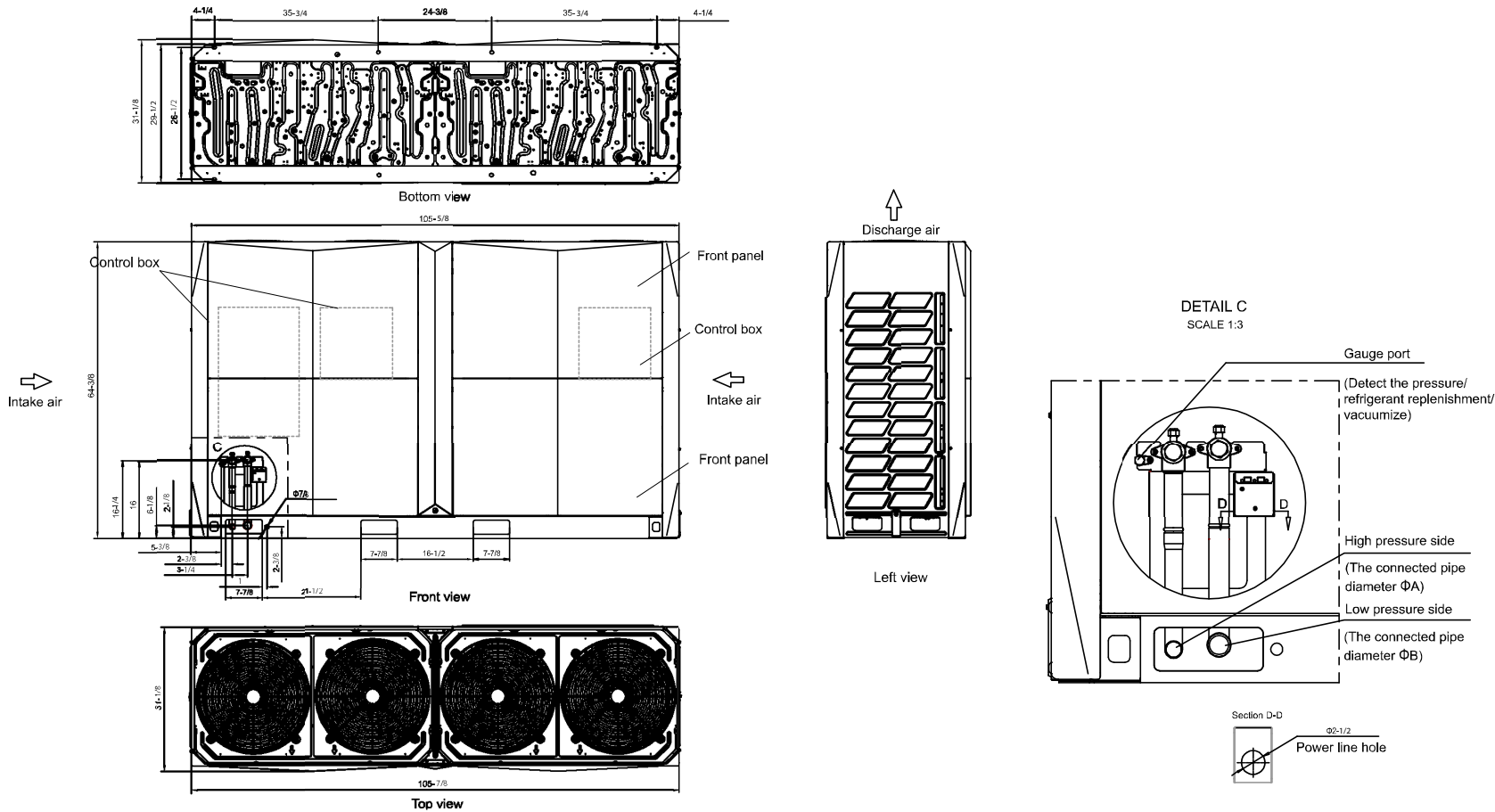


Fig. 6 —38VMA240RDL, 38VMA264, 288, 312, 336RDS Models

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		Controls amount of oil from the oil separator to compressor.	
	SV4			
	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		
	Tpr2	TP2-PRO	Provides high-temperature protection.	
	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

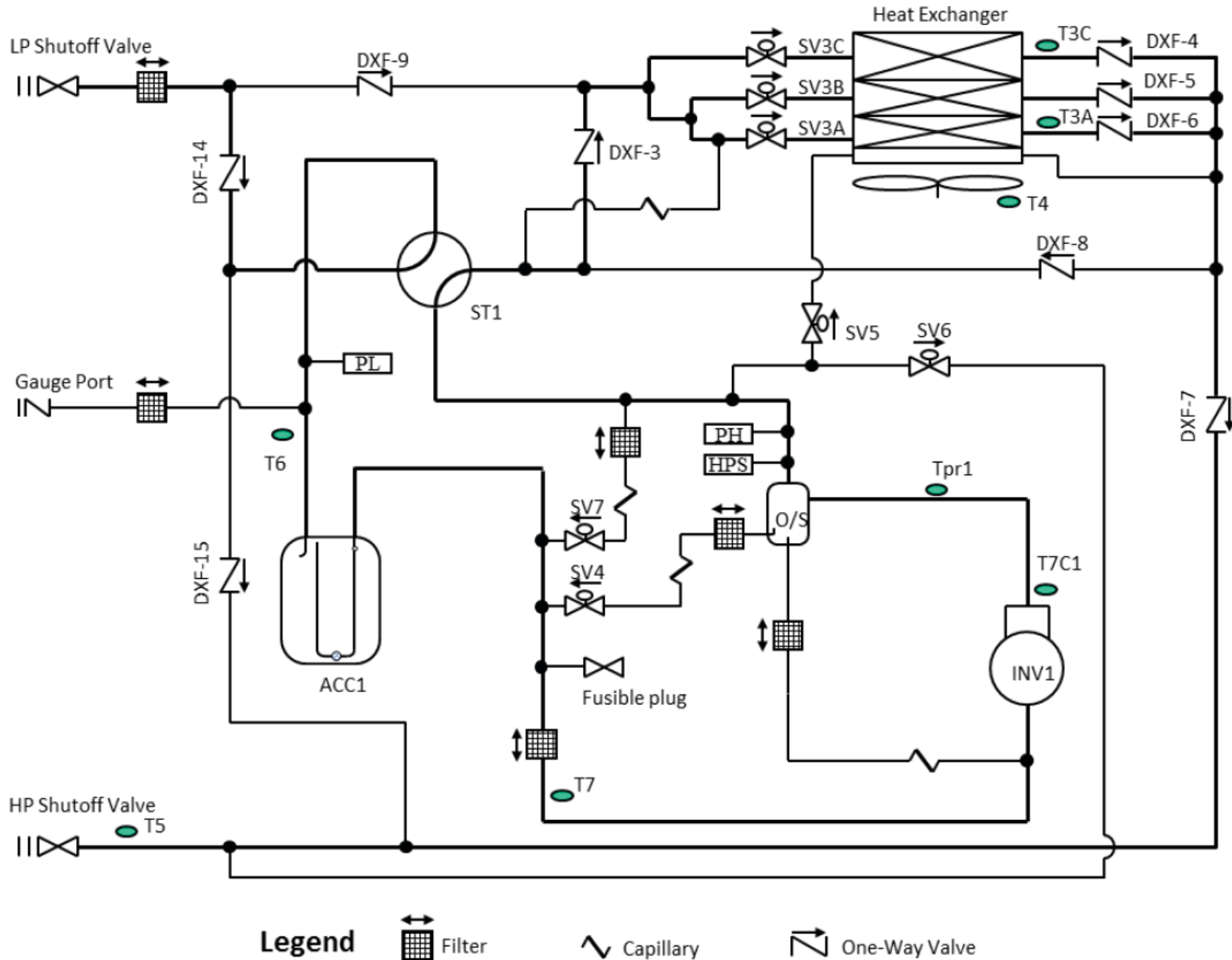


Fig. 7 —38VMA072, 096, 120RDS Models

Refrigerant Circuit Diagram (Cont.)

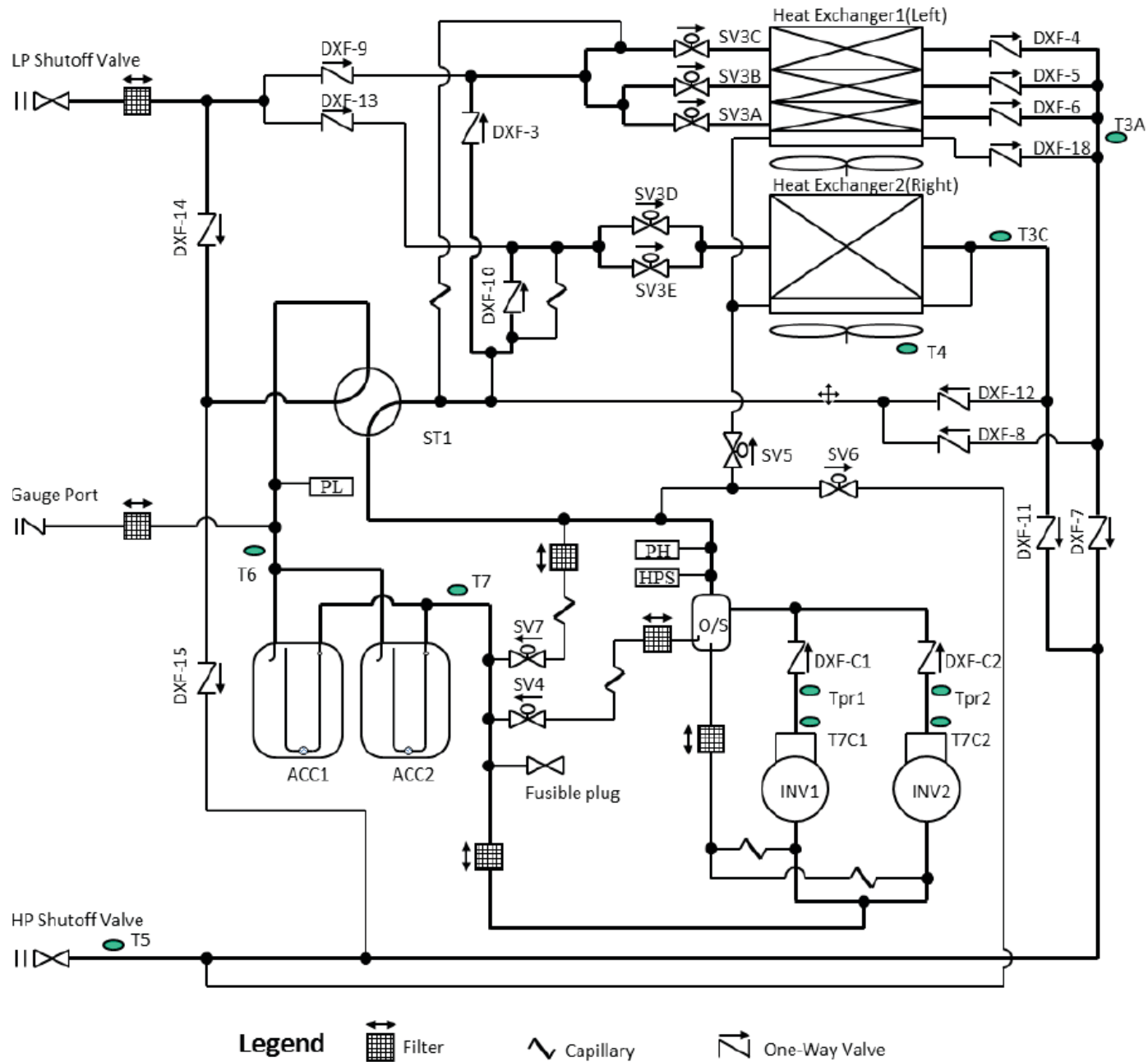
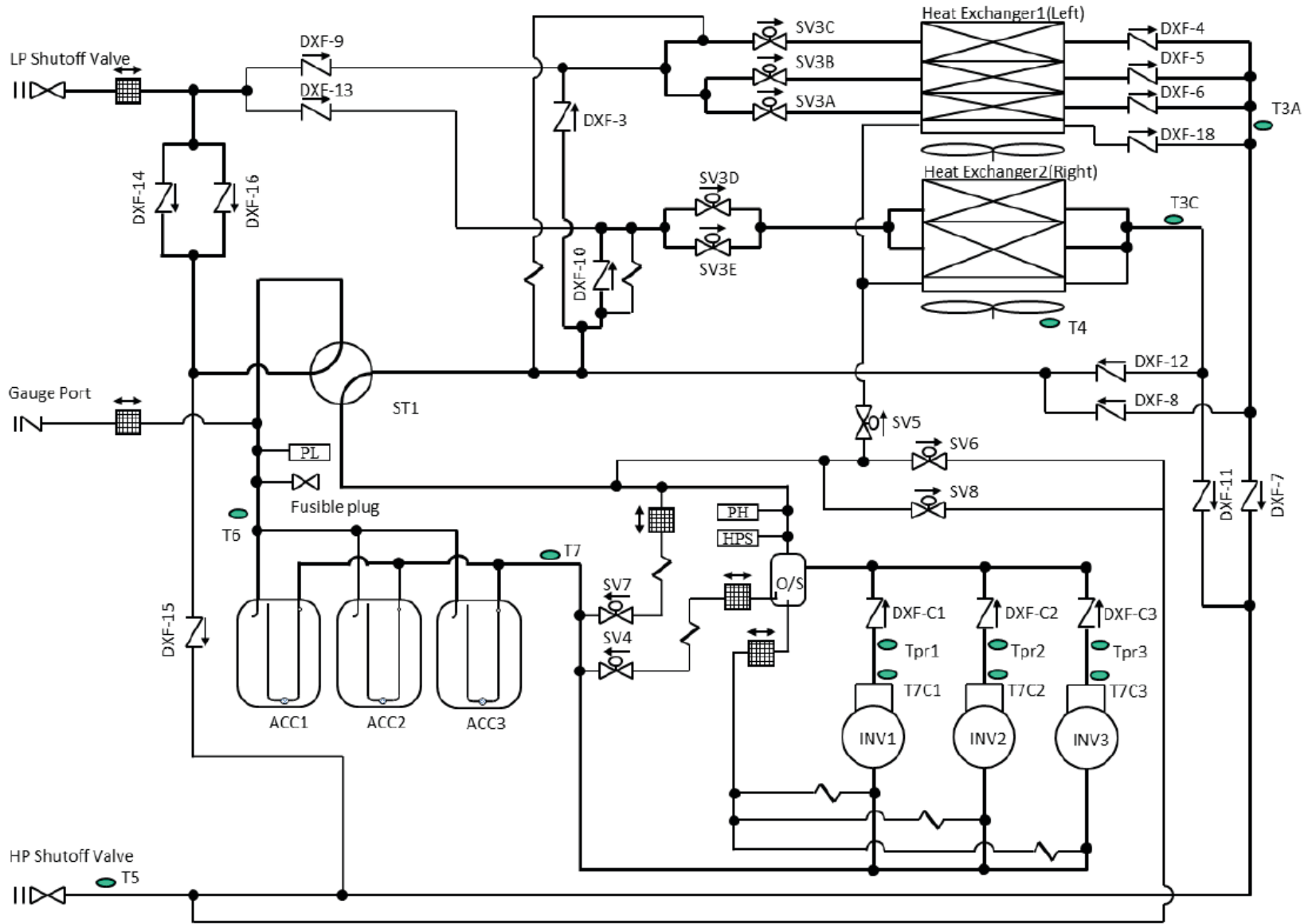


Fig. 8 —38VMA144RDL, 168, 196, 216, 240RDS Models

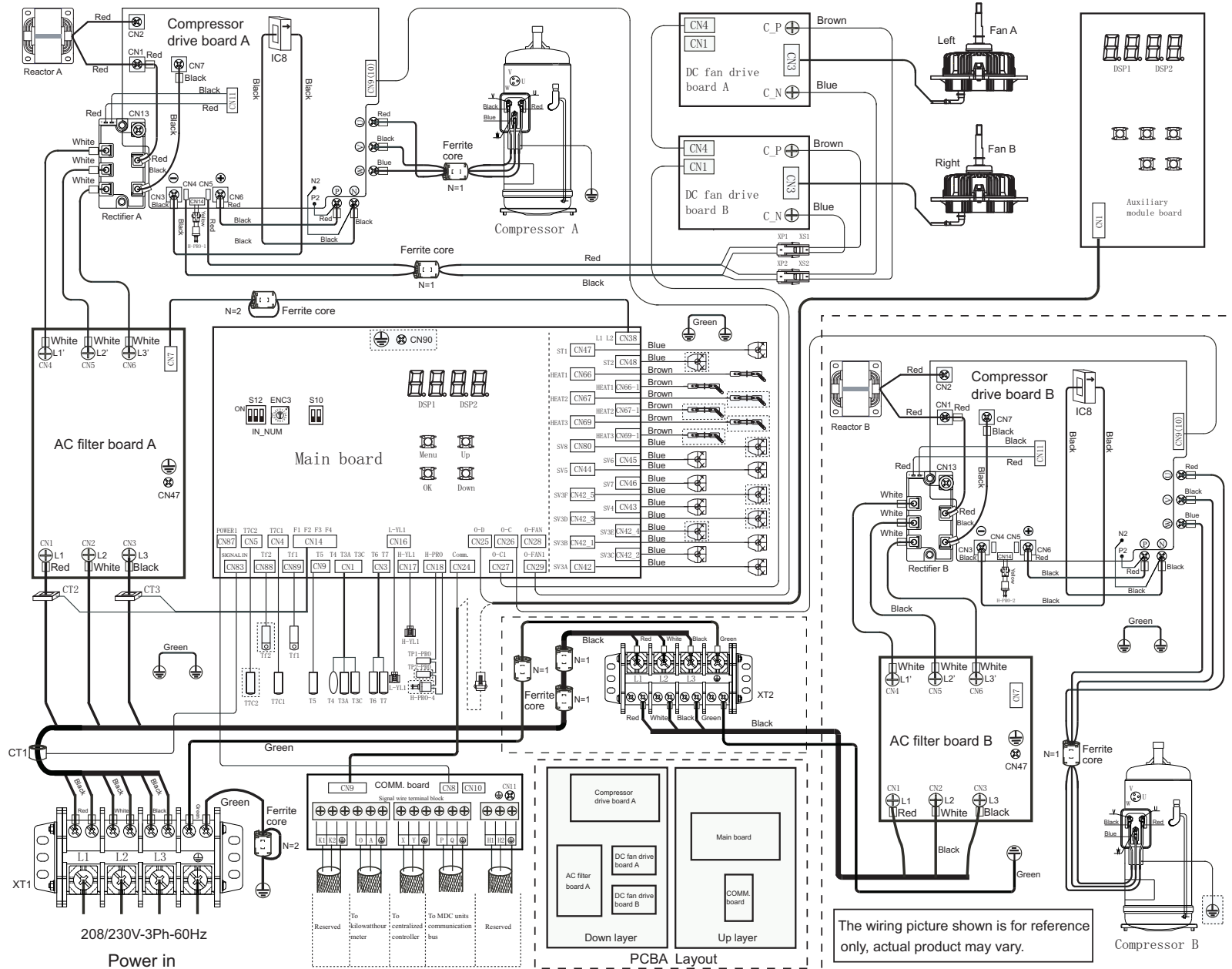
Refrigerant Circuit Diagram (Cont.)



Legend Filter Capillary One-Way Valve

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

Wiring Diagrams



NOTE: Sizes 072-120 only have Compressor A.

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
OH0/20H0	Comm. Error Between Main Board and Compressor INV. Board
OH1	Comm. Error Between Chip IC55 and IC33 on Main Board
OLy/20Ly	Compressor Inverter module protection (0≤y≤9)
OH4/20H4	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.)

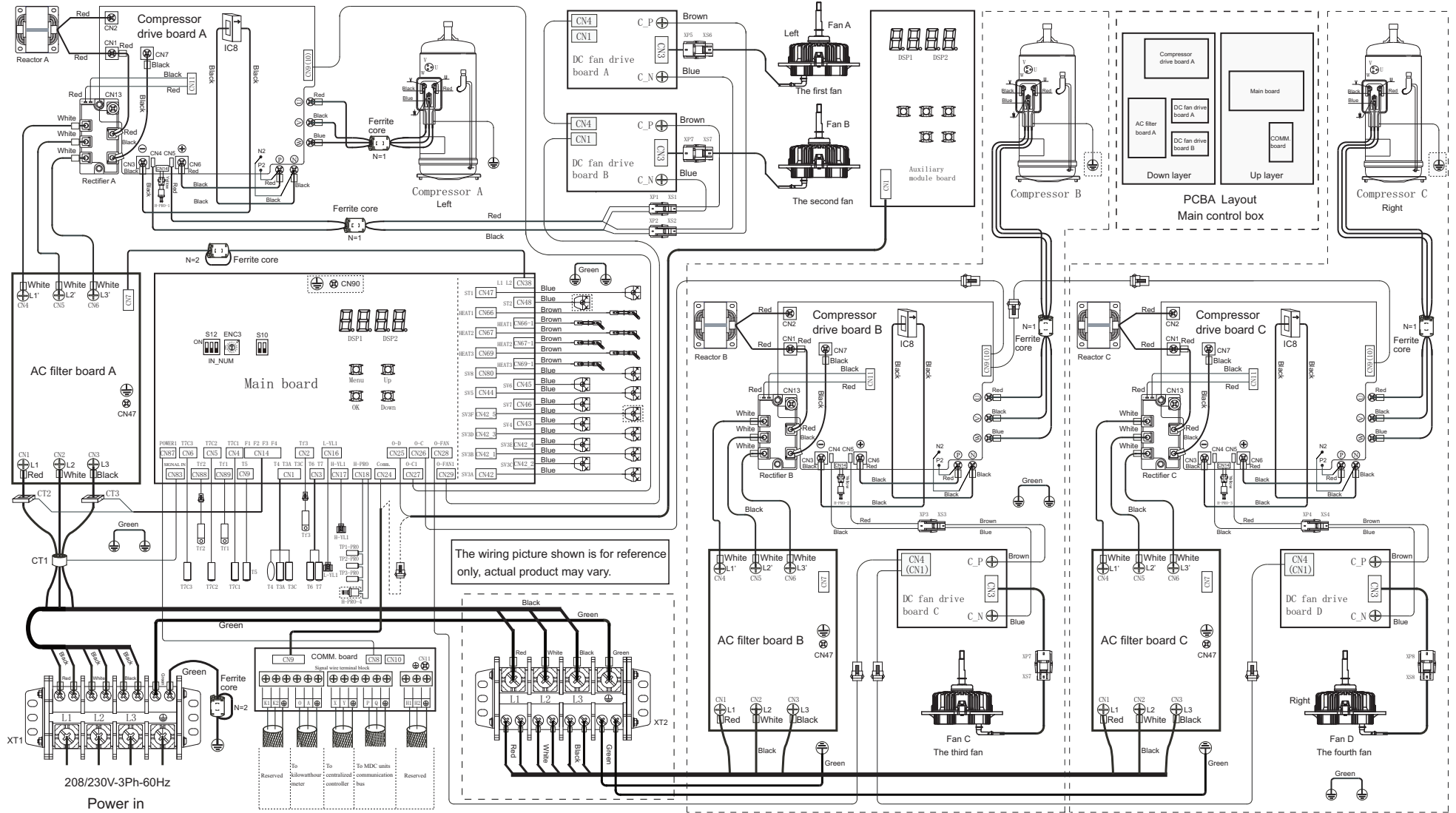


Fig. 11 —38VMA240RDL5-1, 264RDS5-1, 288RDS5-1, 312RDS5-1, 336RDS5-1

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/ 2OH0/ 3OH0	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/ 2OH4/ 3OH4	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 are optional

WIRING DIAGRAMS (CONT.)

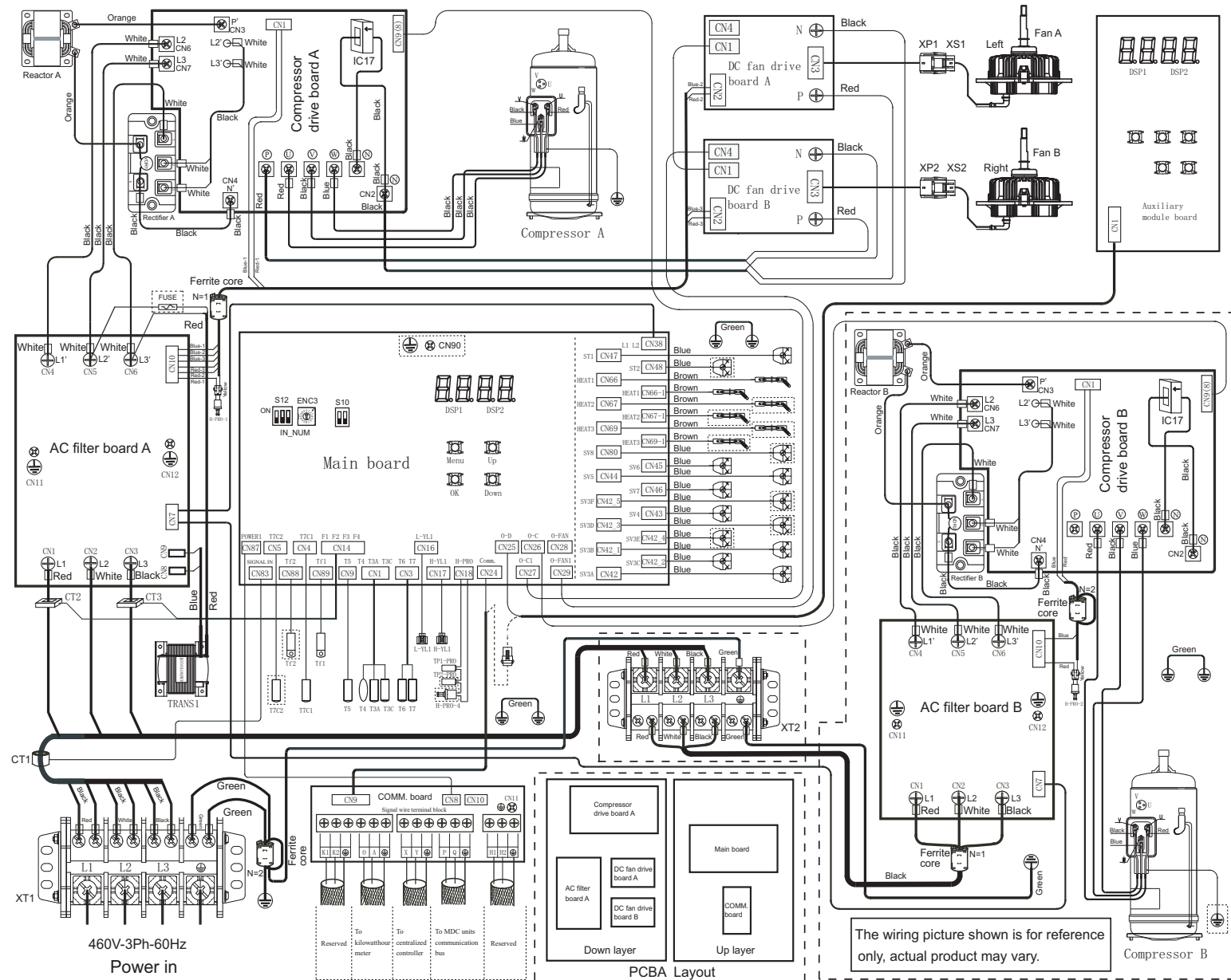


Fig. 12 —38VMA072RDS6-1, 096RDS6-1, 120RDS6-1, 144RDL6-1, 168RDS6-1, 192RDS6-1, 216RDS6-1, 240RDS6-1

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.)

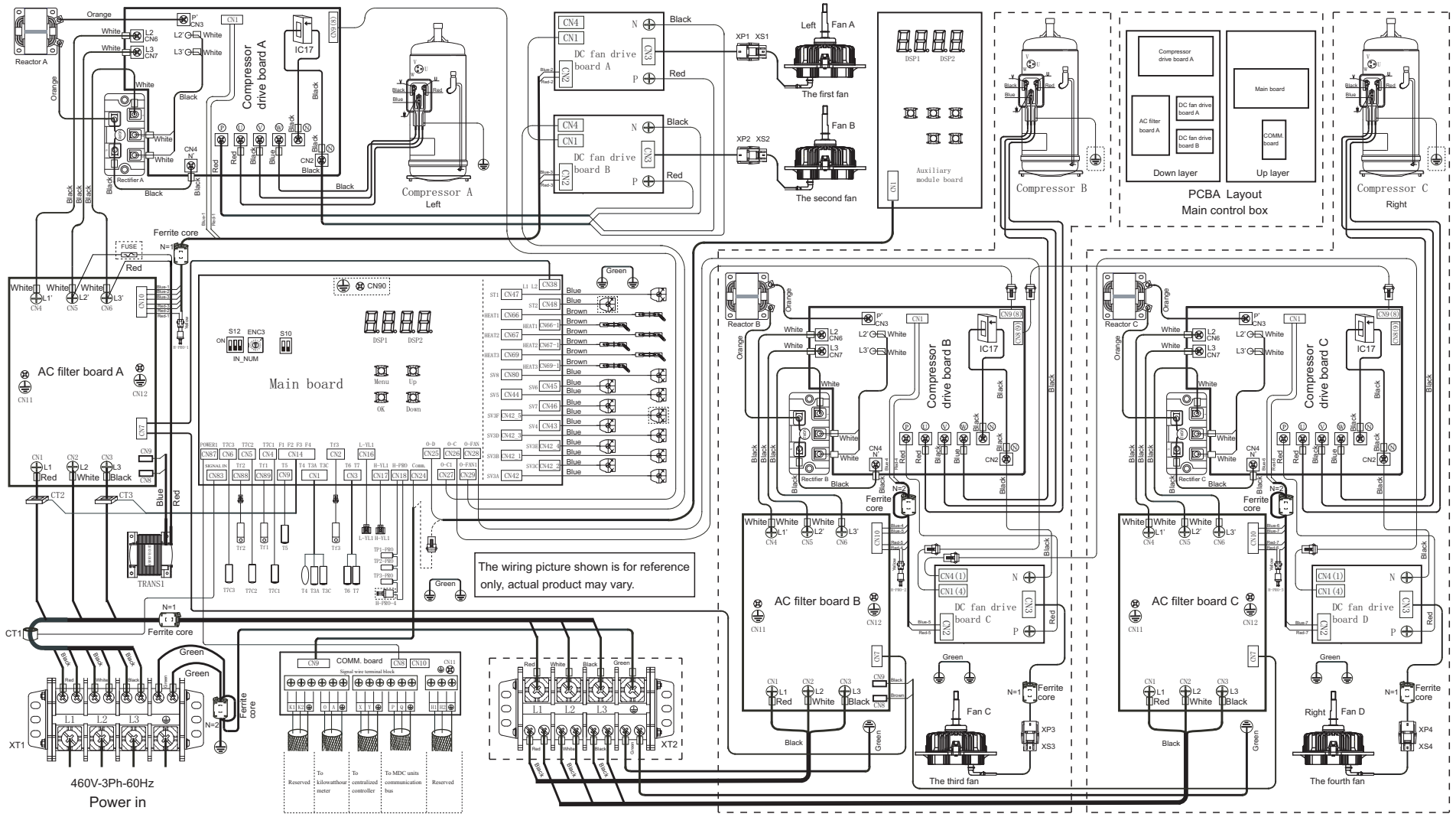


Fig. 15 —38VMA240RD6-1, 264RDS6-1, 288RDS6-1, 312RDS6-1, 336RDS6-1

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 / 2OH4 / 3OH4	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.

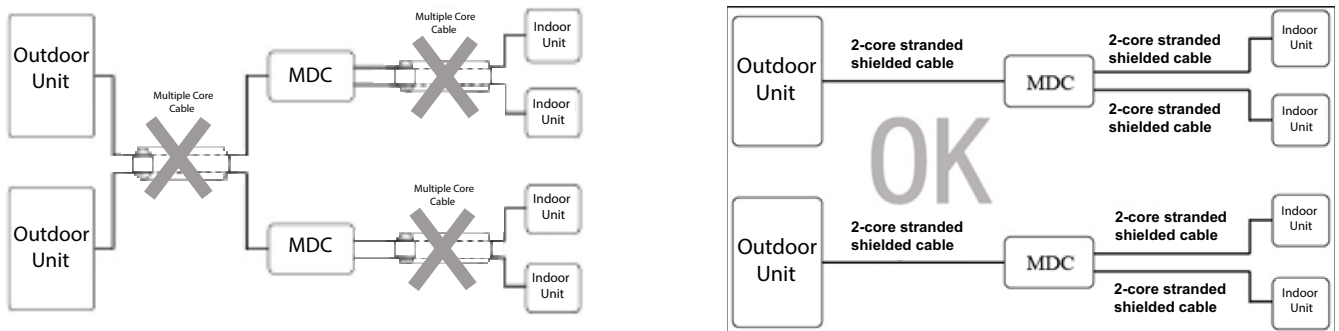


Fig. 17 —2-Core Stranded Shielded Cables

POWER SUPPLY EXAMPLE

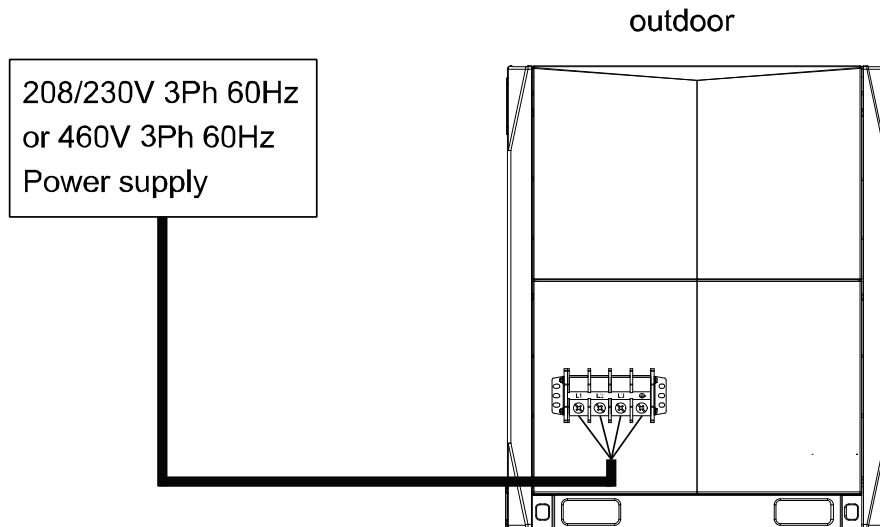


Fig. 18 —Main Power Wiring for Outdoor Unit

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

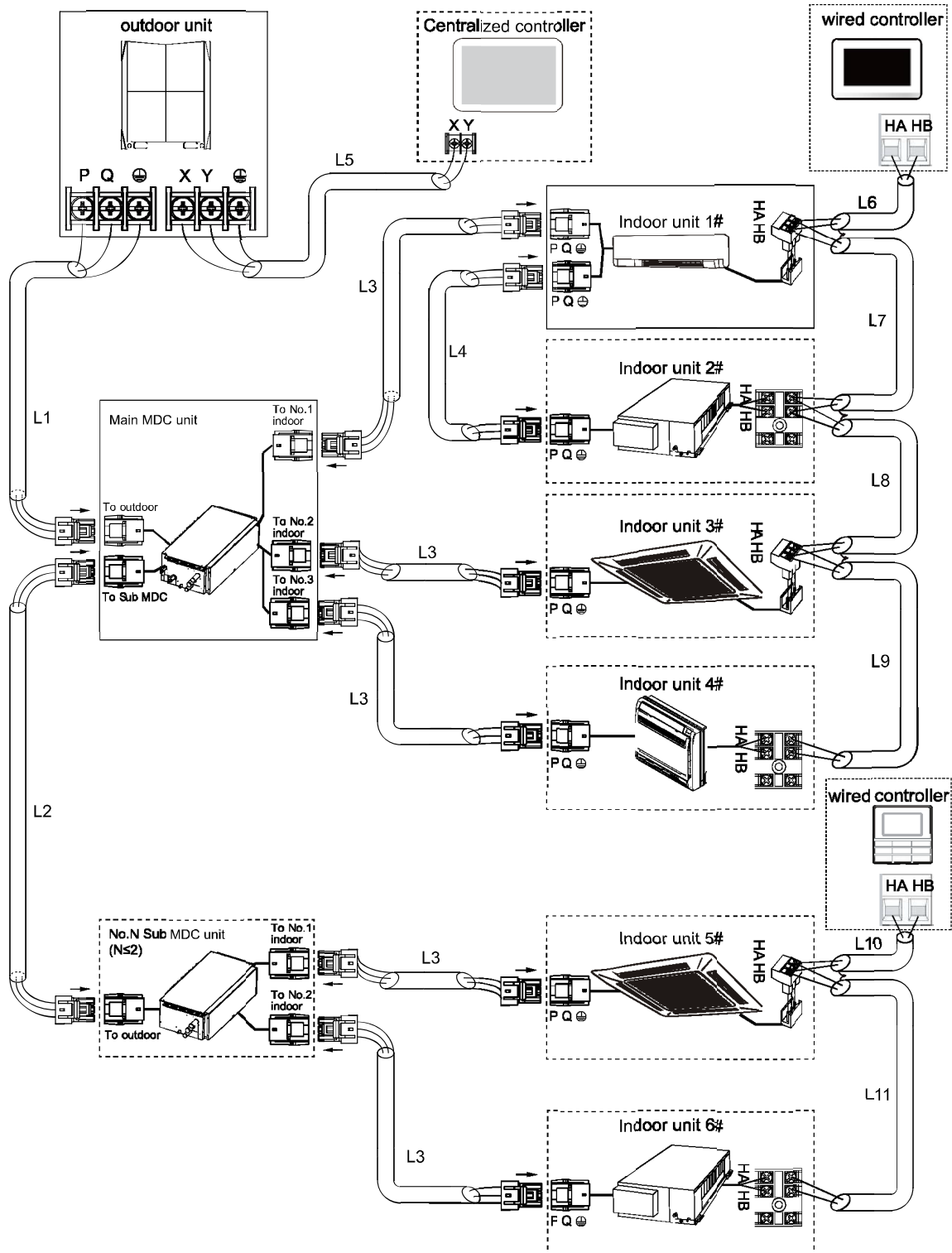


Fig. 19 —Controls Wiring

Sound Pressure Levels

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

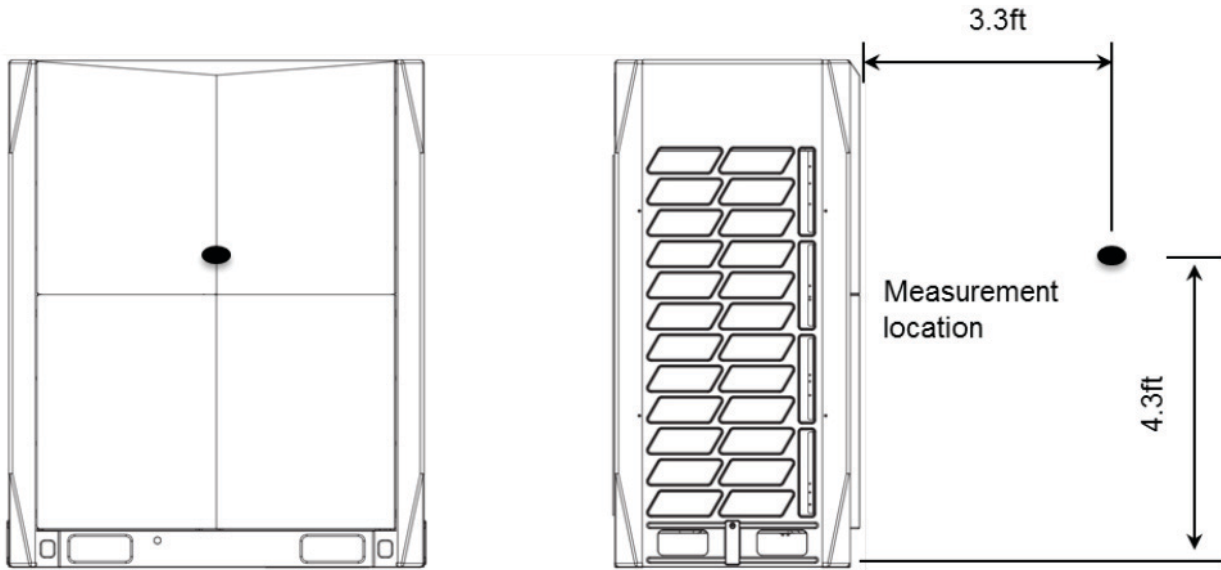


Fig. 20 —38VMA072, 096, 120RDS Models

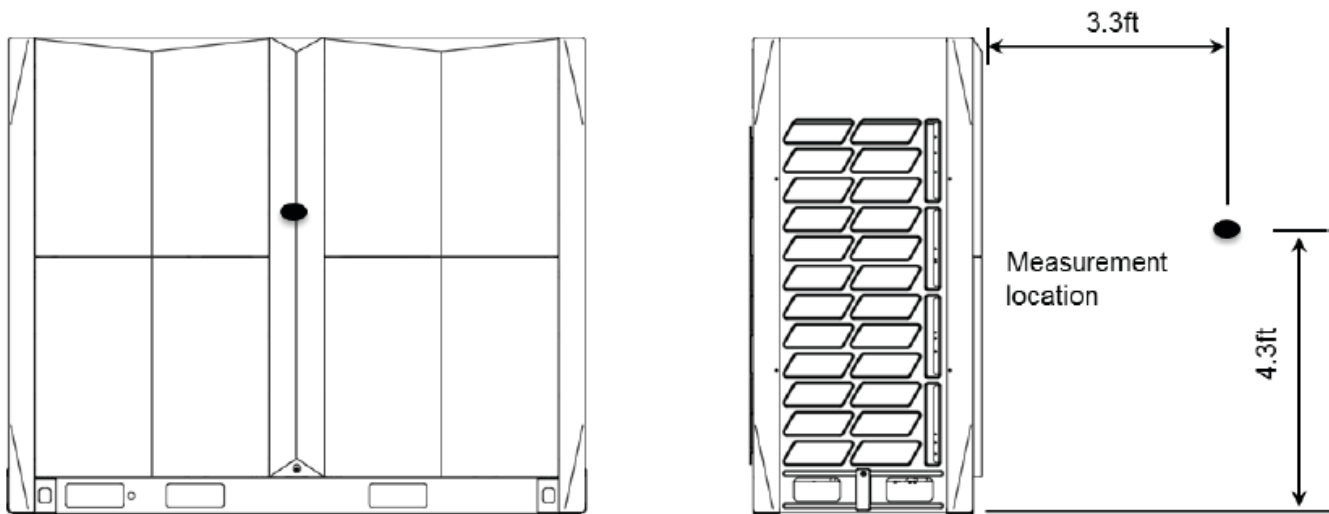


Fig. 21 —38VMA144RDL, 38VMA168, 192, 216, 240RDS Models

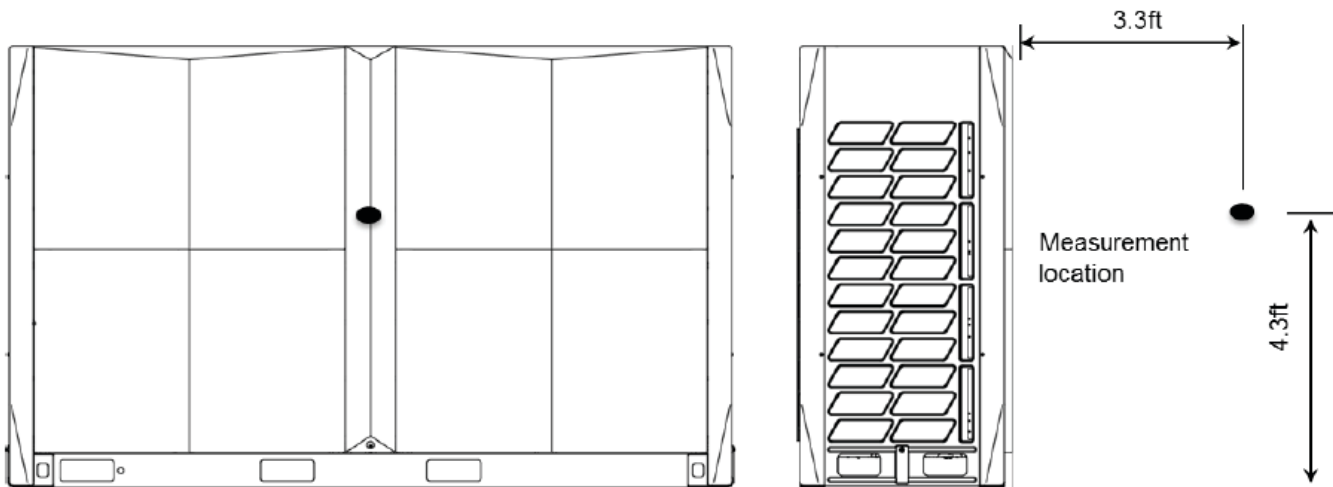


Fig. 22 —38VMA240RDL, 38VMA264, 288, 312, 336RDS Models

NC Curves

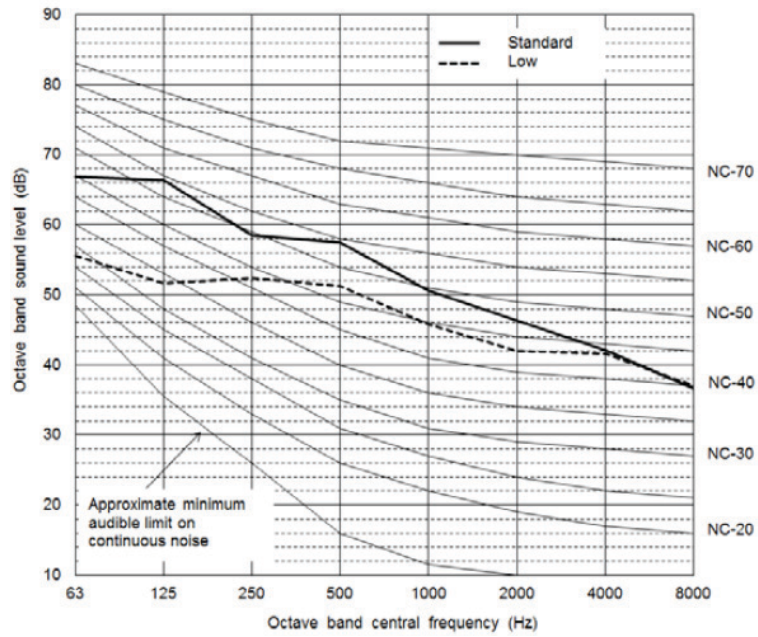


Fig. 23 —38VMA072RDS5-1

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

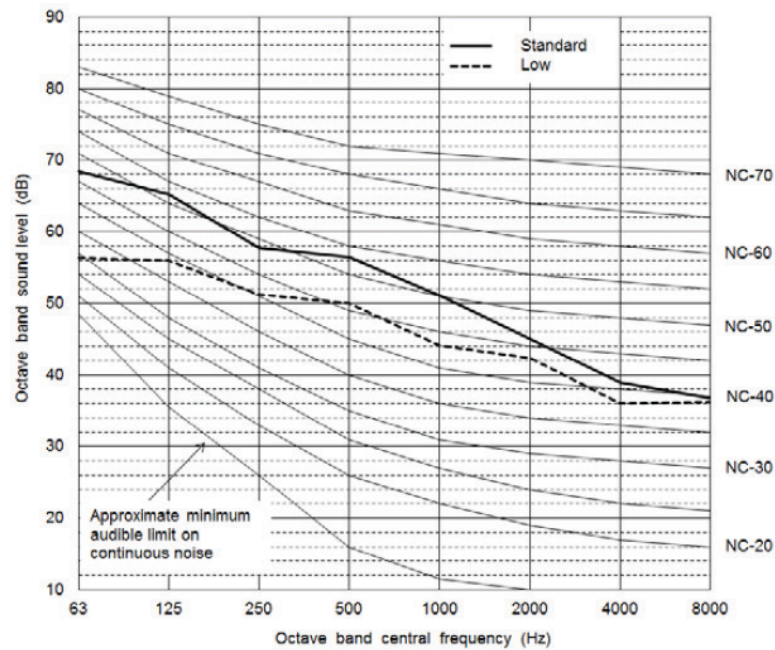


Fig. 24 —38VMA072RDS6-1

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.

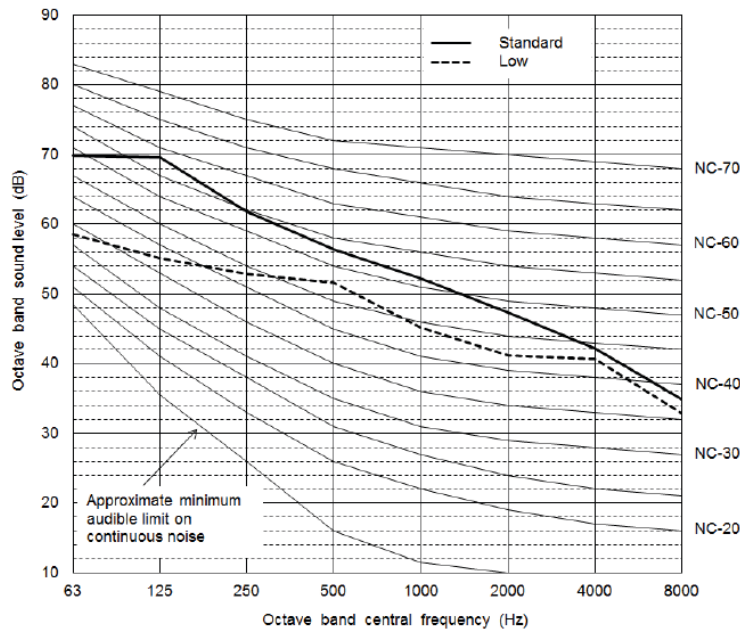


Fig. 25 —38VMA096RDS5-1

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

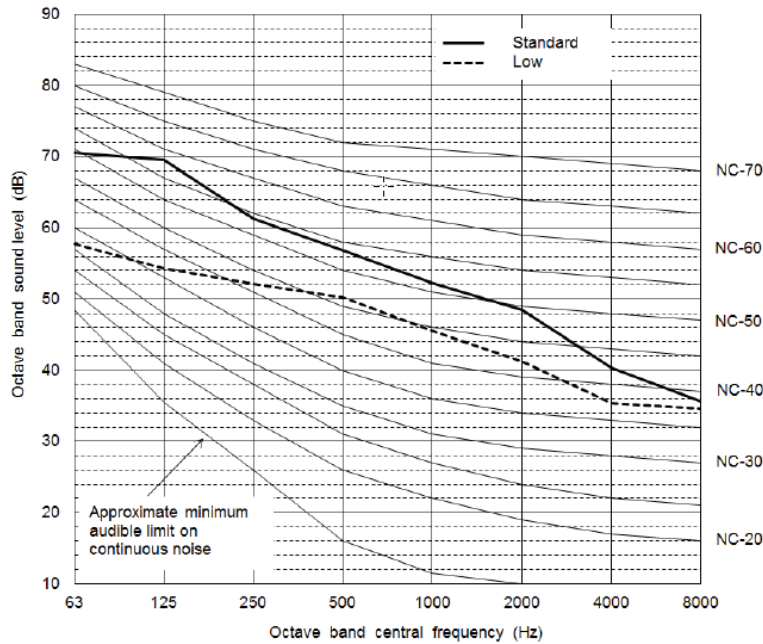


Fig. 26 —38VMA096RDS6-1

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.

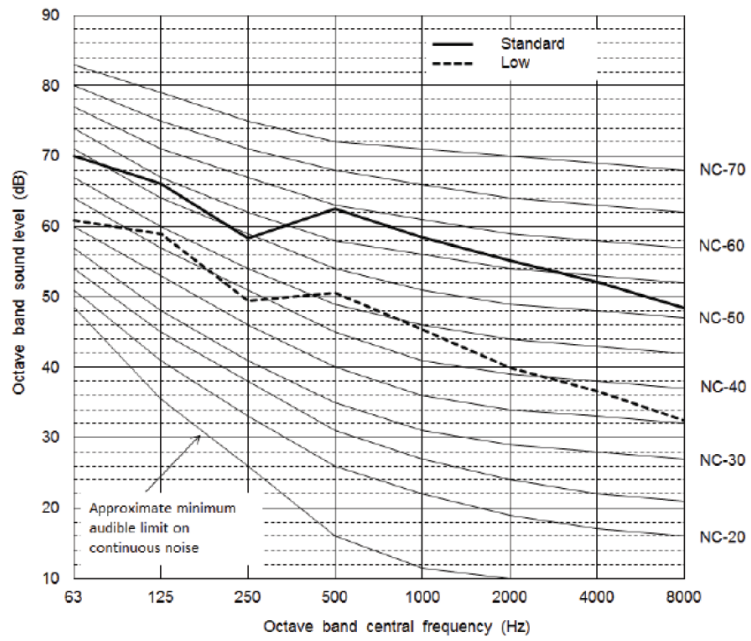


Fig. 27 —38VMA120RDS5-1

Table 34 —38VMA120RDS5-1

38VMA120RDS5-1		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

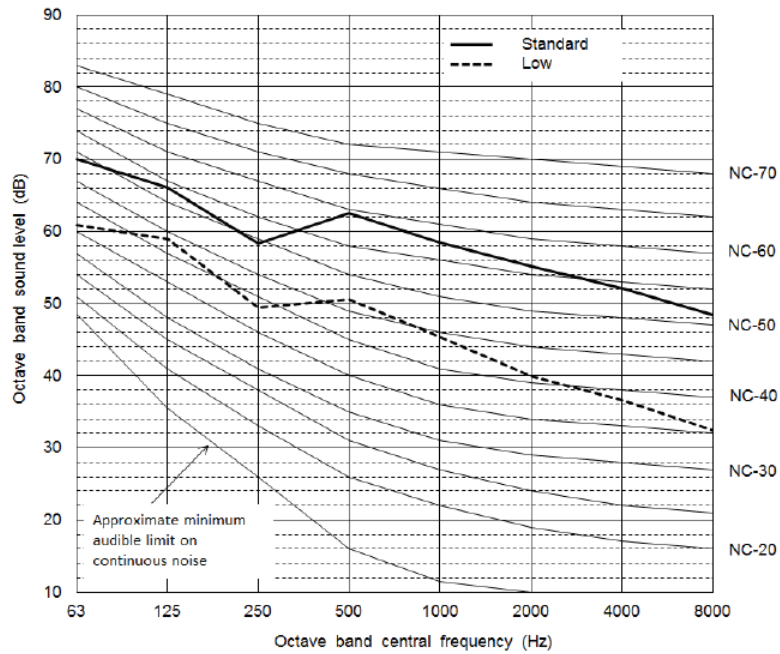


Fig. 28 —38VMA120RDS6-1

Table 35 —38VMA120RDS6-1

38VMA120RDS6-1		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.

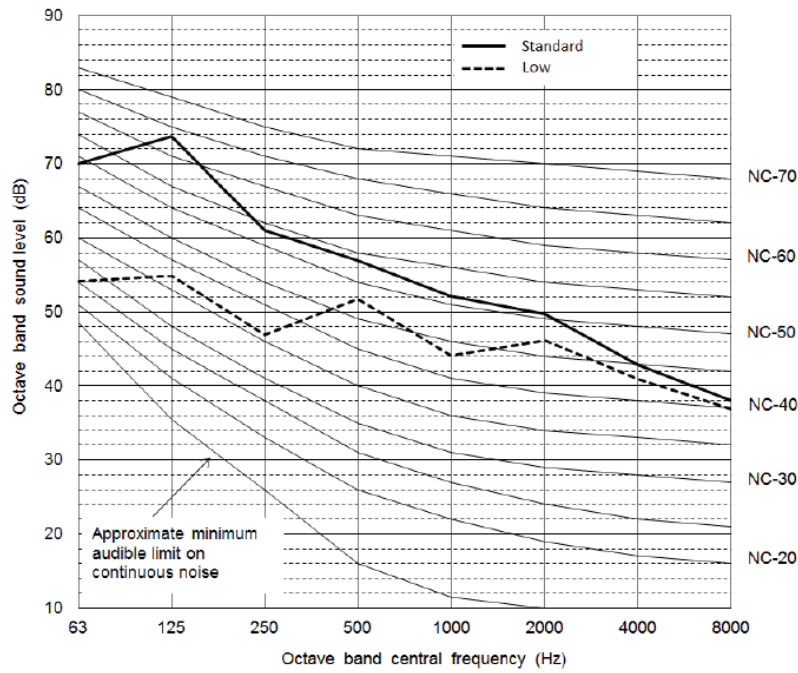


Fig. 29 —38VMA144RDL5-1

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

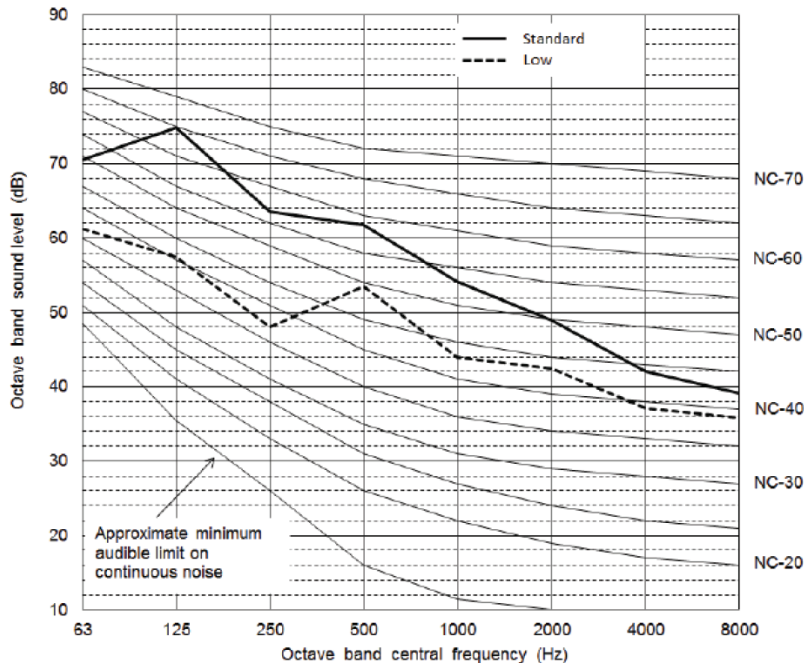


Fig. 30 —38VMA144RDL6-1

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.

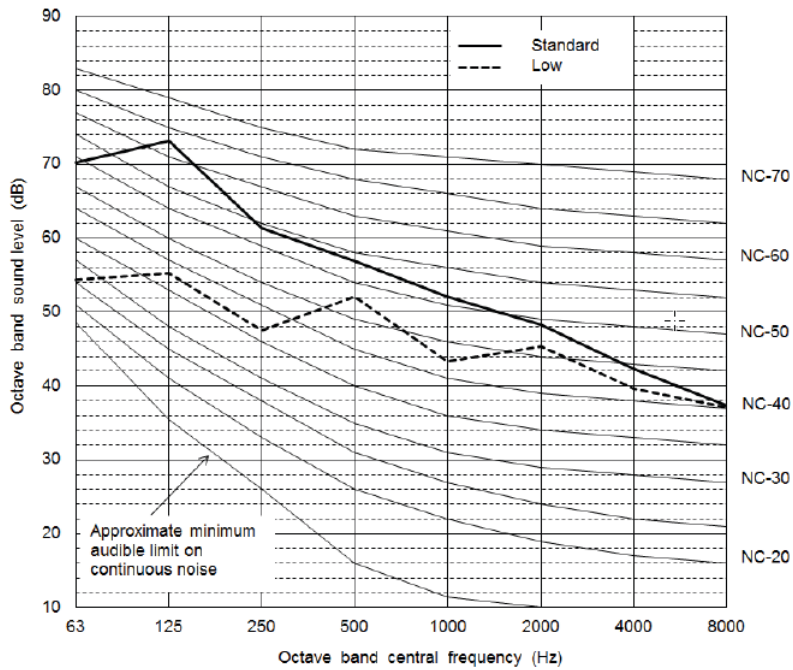


Fig. 31 —38VMA168RDS5-1

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

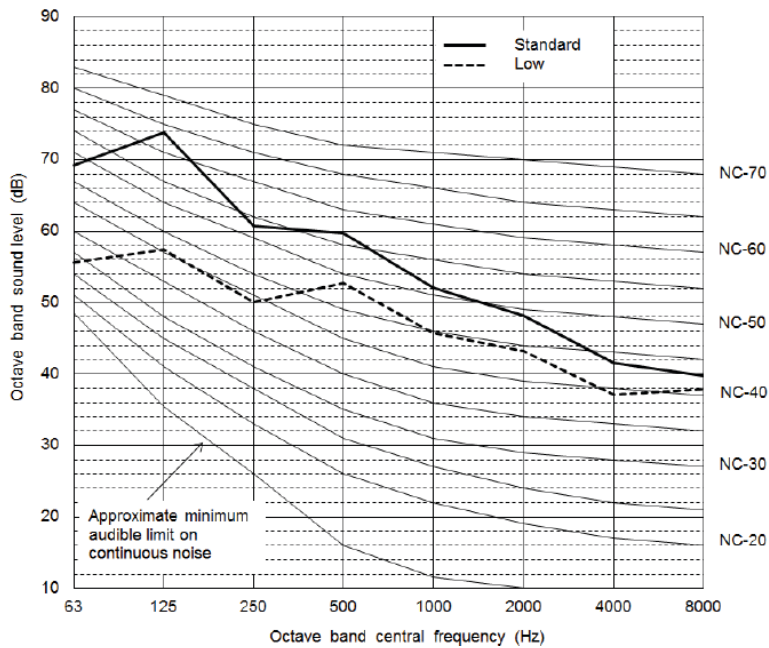


Fig. 32 —38VMA168RDS6-1

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.

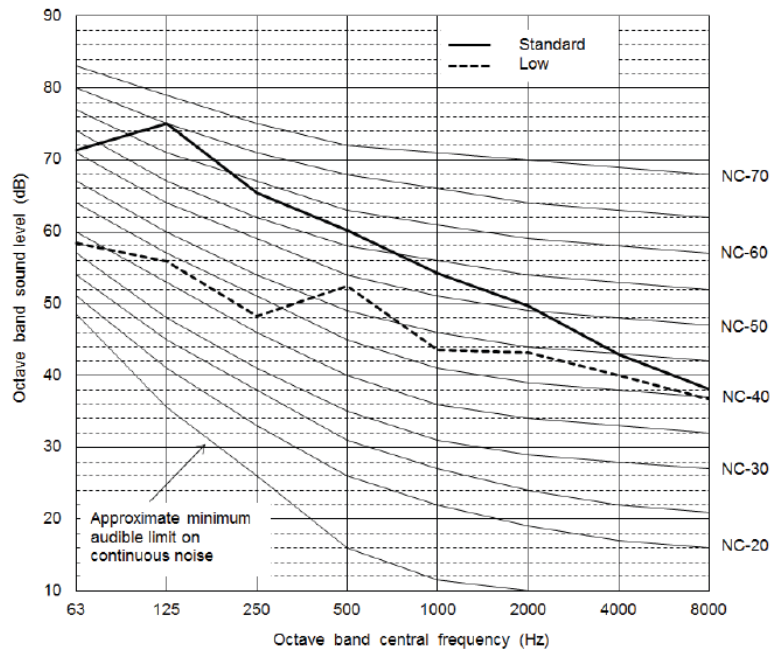


Fig. 33 —38VMA192RDS5-1

Table 40 —38VMA192RDS5-1

38VMA192RDS5-1		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

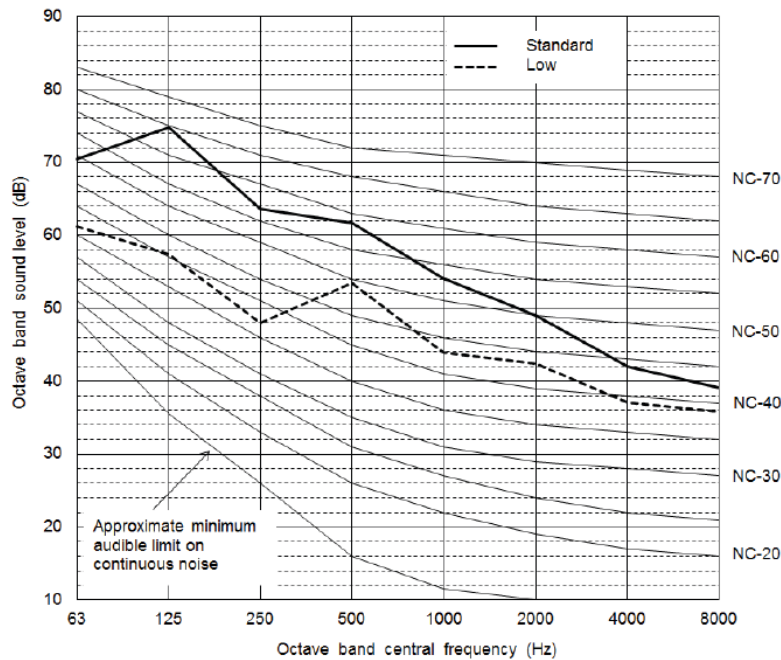


Fig. 34 —38VMA192RDS6-1

Table 41 —38VMA192RDS6-1

38VMA192RDS6-1		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.

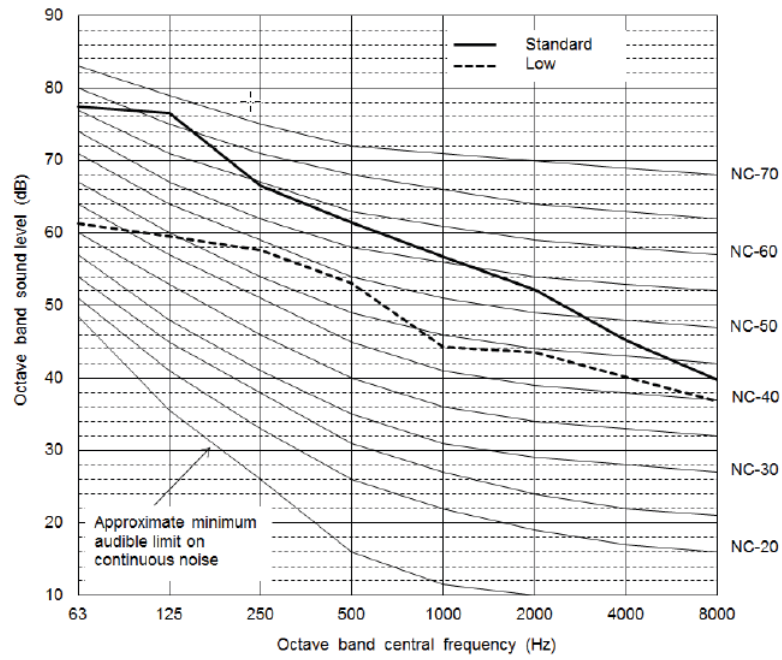


Fig. 35 —38VMA216RDS5-1

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

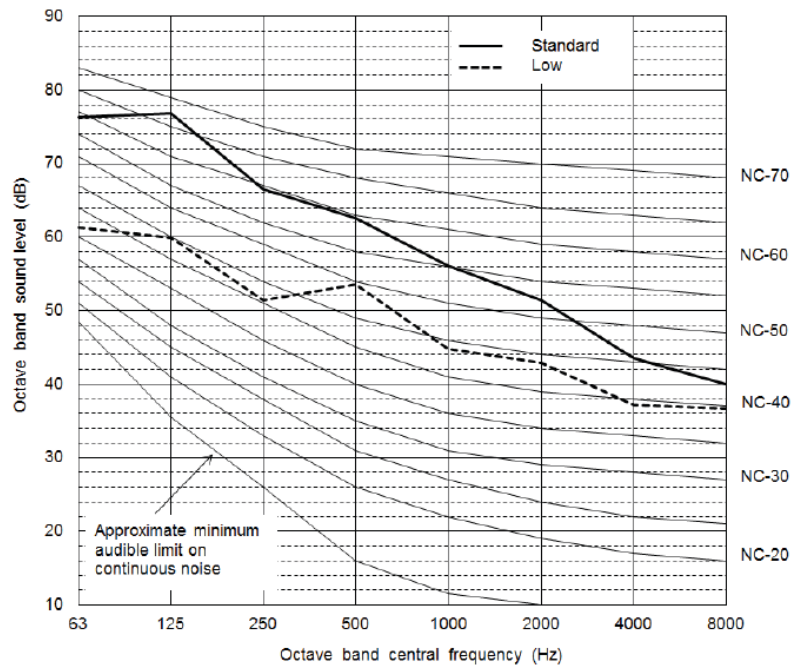


Fig. 36 —38VMA216RDS6-1

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.

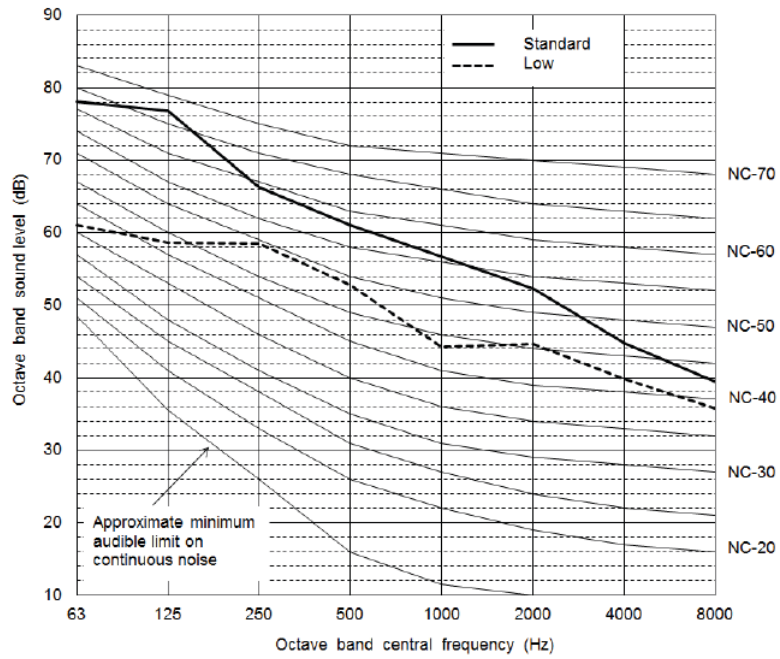


Fig. 37 —38VMA240RDS5-1

Table 44 —38VMA240RDS5-1

38VMA240RDS5-1		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

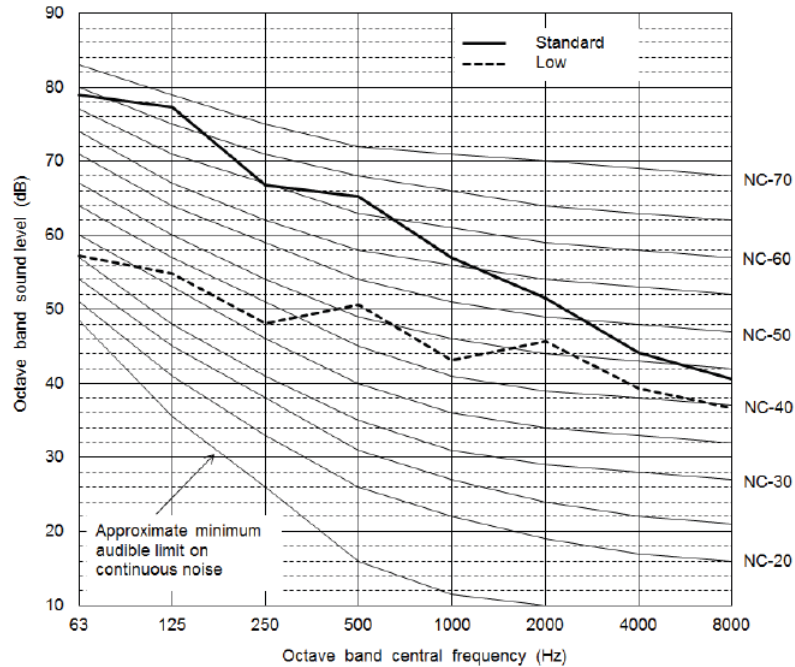


Fig. 38 —38VMA240RDS6-1

Table 45 —38VMA240RDS6-1

38VMA240RDS6-1		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.

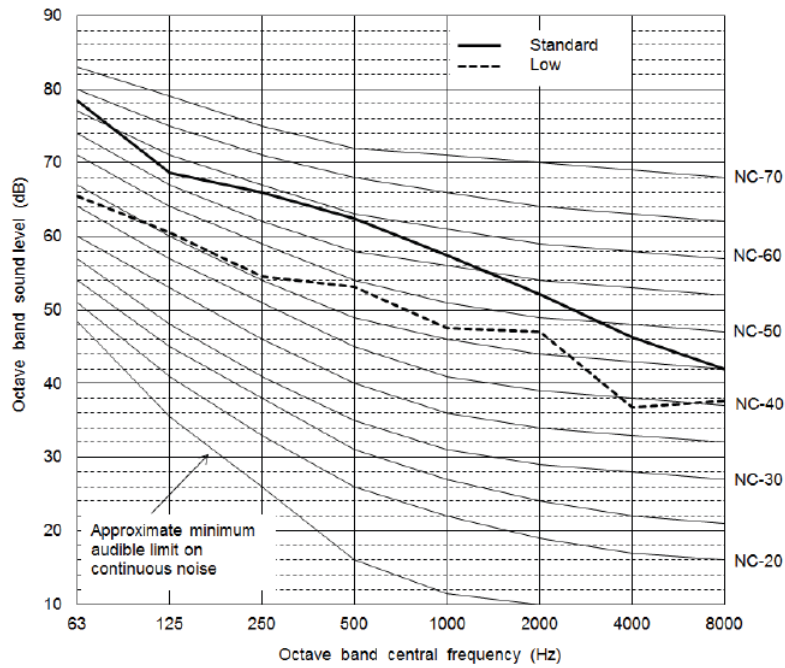


Fig. 39 —38VMA240RDL5-1

Table 46 —38VMA240RDL5-1

38VMA240RDL5-1		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

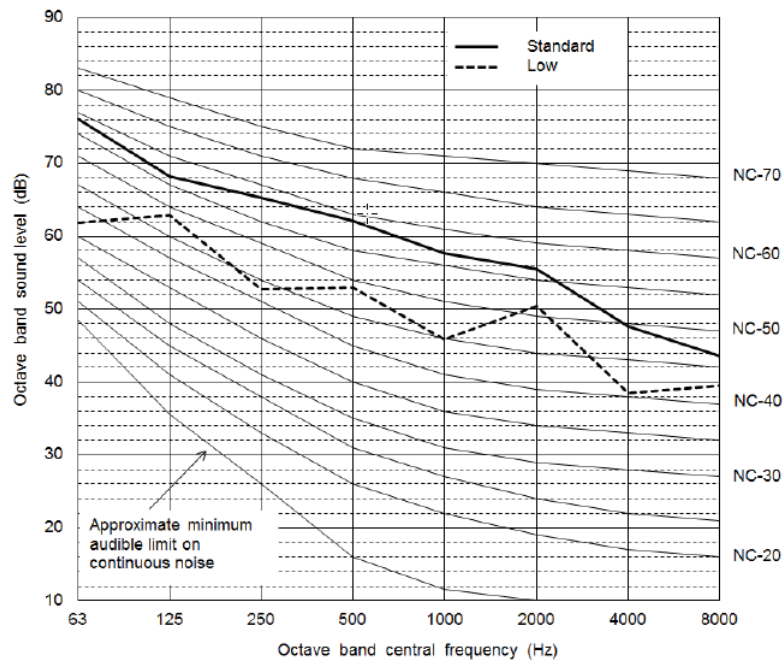


Fig. 40 —38VMA240RDL6-1

Table 47 —38VMA240RDL6-1

38VMA240RDL6-1		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.

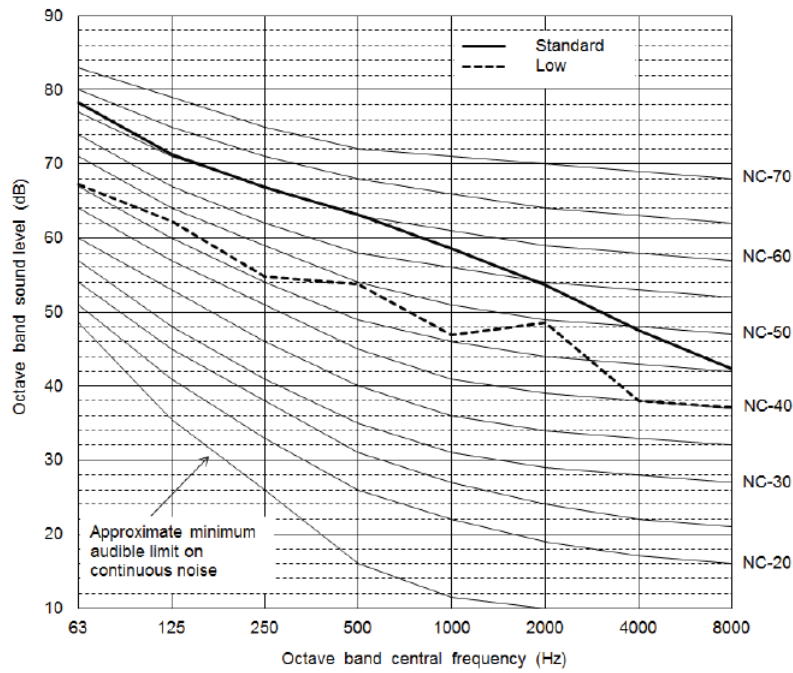


Fig. 41 —38VMA264RDS5-1

Table 48 —38VMA264RDS5-1

38VMA264RDS5-1		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

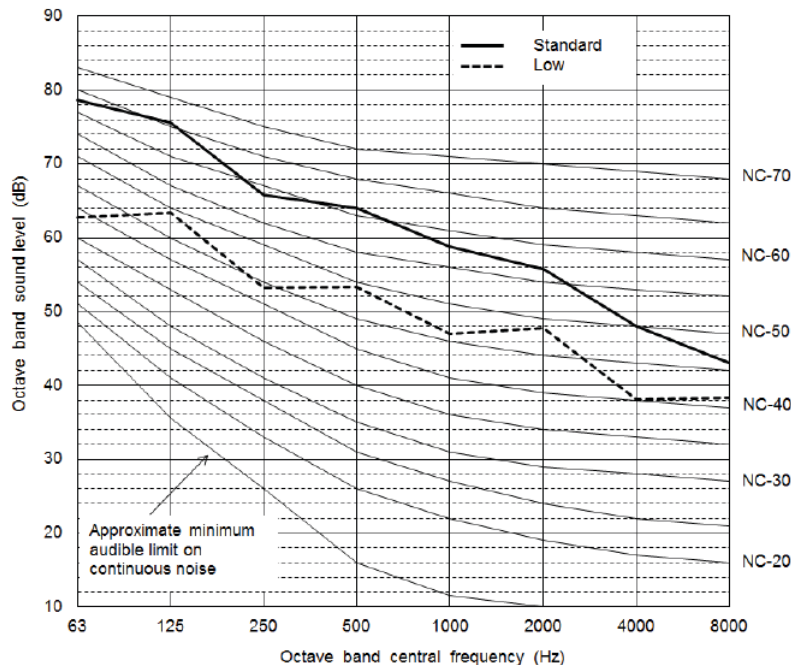


Fig. 42 —38VMA264RDS6-1

Table 49 —38VMA264RDS6-1

38VMA264RDS6-1		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.

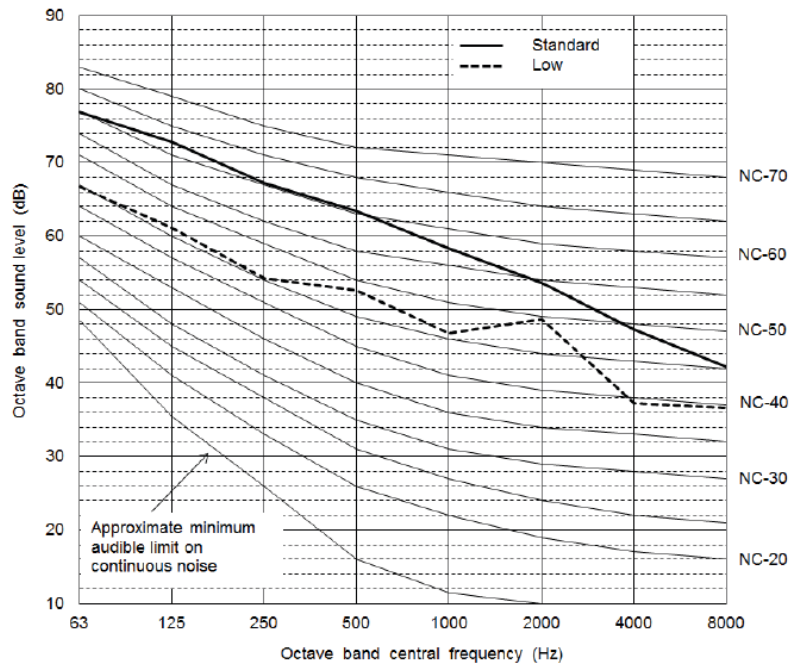


Fig. 43 —38VMA288RDS5-1

Table 50 —38VMA288RDS5-1

38VMA288RDS5-1		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

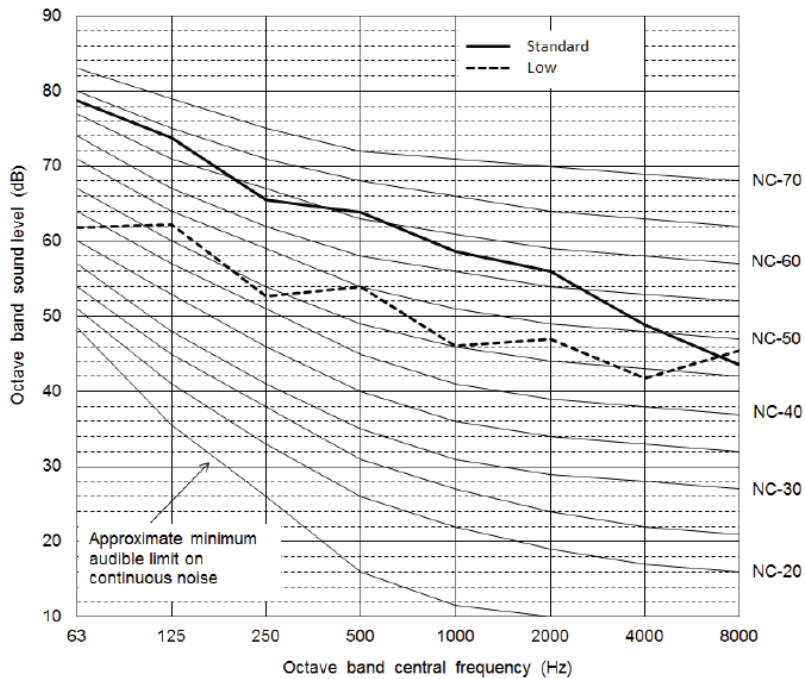


Fig. 44 —38VMA288RDS6-1

Table 51 —38VMA288RDS6-1

38VMA288RDS6-1		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.

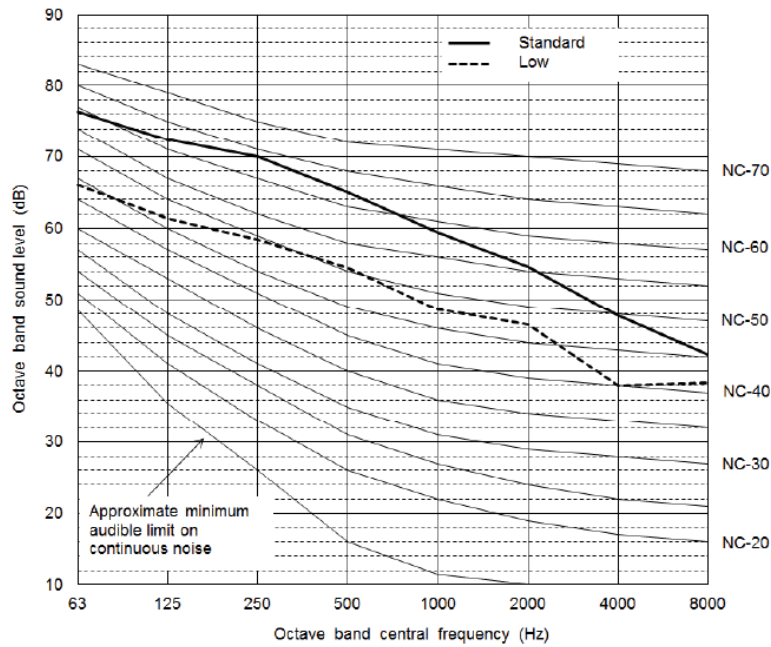


Fig. 45 —38VMA312RDS5-1

Table 52 —38VMA312RDS5-1

38VMA312RDS5-1		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

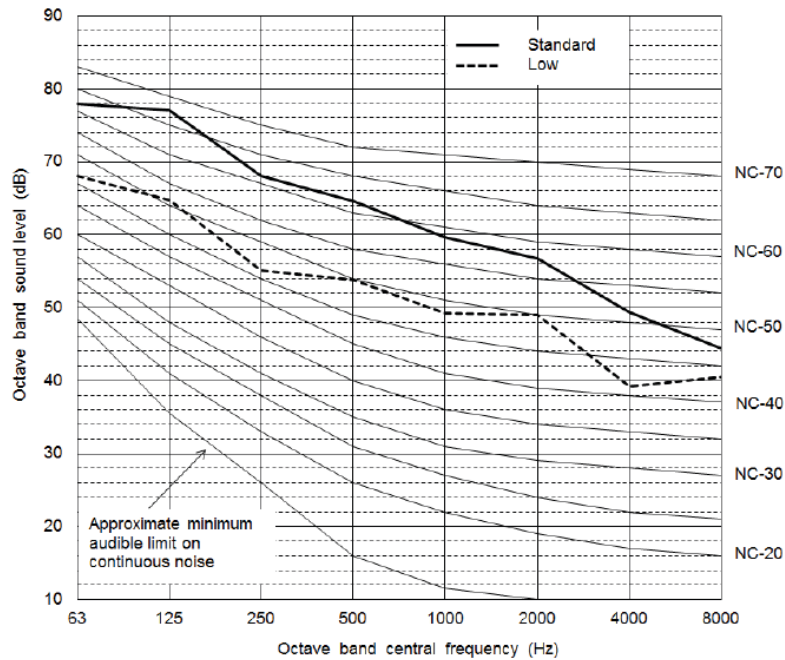


Fig. 46 —38VMA312RDS6-1

Table 53 —38VMA312RDS6-1

38VMA312RDS6-1		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.

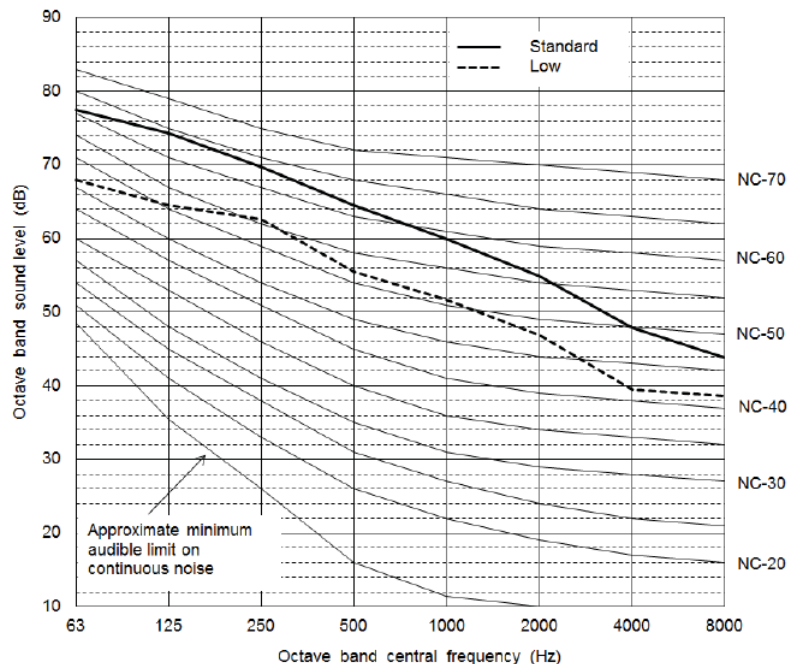


Fig. 47 —38VMA336RDS5-1

Table 54 —38VMA336RDS5-1

38VMA336RDS5-1		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

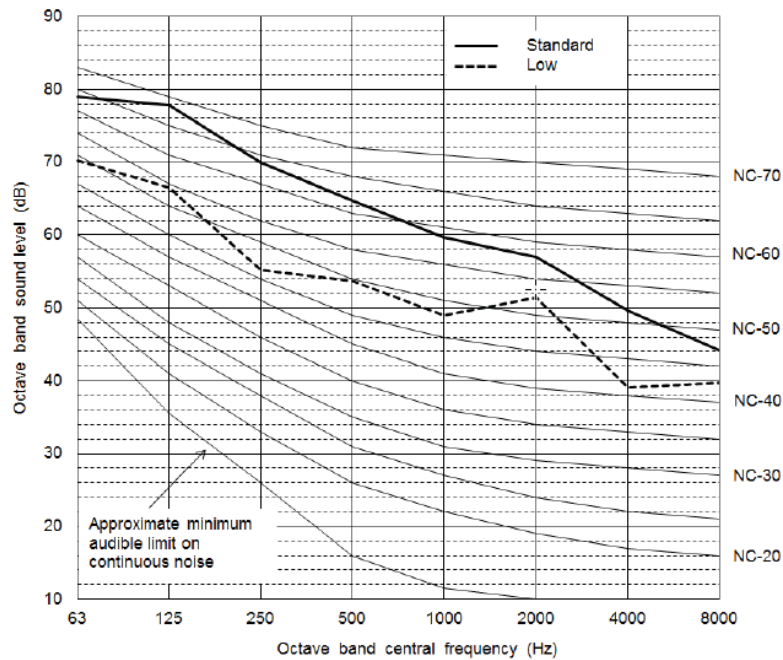


Fig. 48 —38VMA336RDS6-1

Table 55 —38VMA336RDS6-1

38VMA336RDS6-1		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

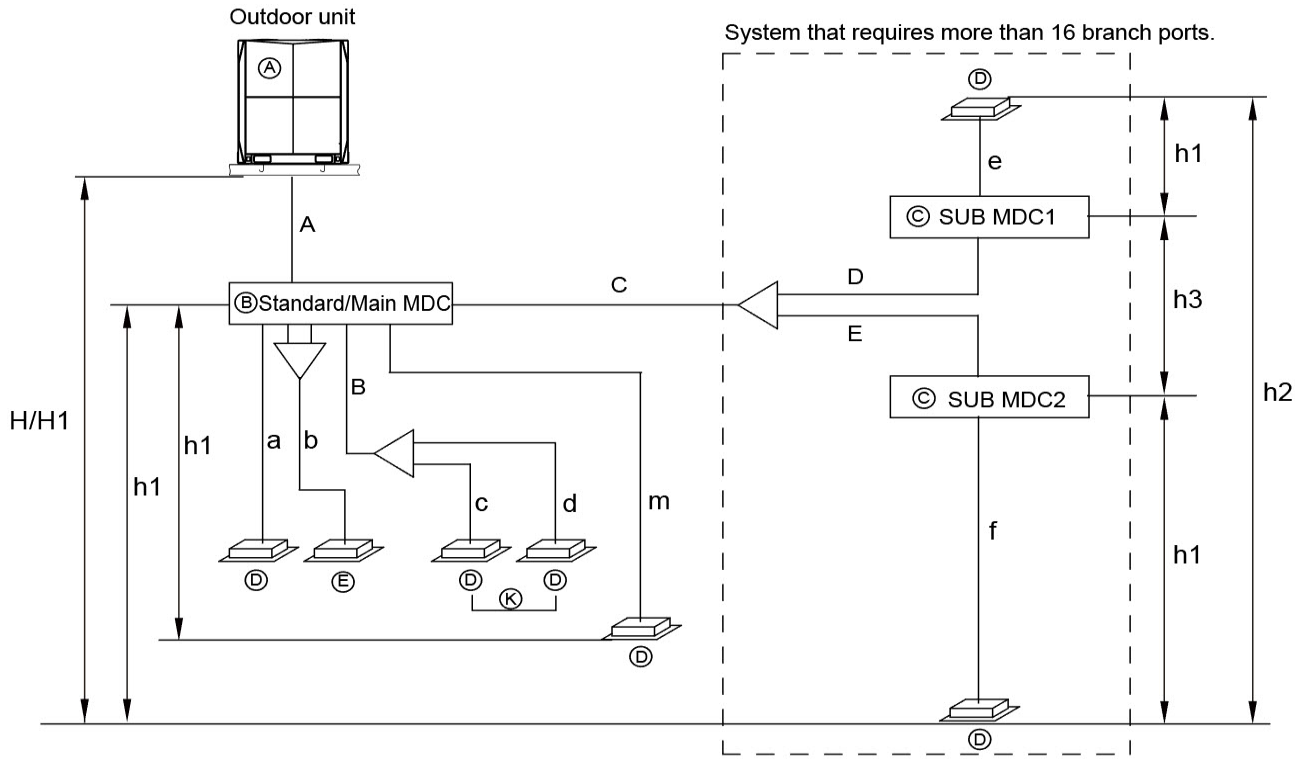


Fig. 49 —Piping Lengths and Drop Heights

Table 56 — Permitted Pipe Lengths and Drop Heights

DESCRIPTION		ALLOWABLE VALUE (ft)	PIPES
Piping Length	Total Extension of Pipe (Liquid Pipe)	Actual Length Equivalent Length	≤ 3280 ≤ 623
	Farthest Piping Length	Actual Length	≤ 541
	Distance Between Outdoor Unit & Main MDC	Actual Length	≤ 360
	Distance Between MDC & Indoor Unit		$\leq 131^*$
Piping Height Difference	Height Between Outdoor & Indoor Unit	Outdoor Unit Above Outdoor Unit Below	≤ 164 ≤ 131
	Height Between MDC & Indoor Unit		$\leq 49^{**}$
	Height Between Indoor Units		$\leq 98^{***}$
	Height Between MDCs		≤ 49

* 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

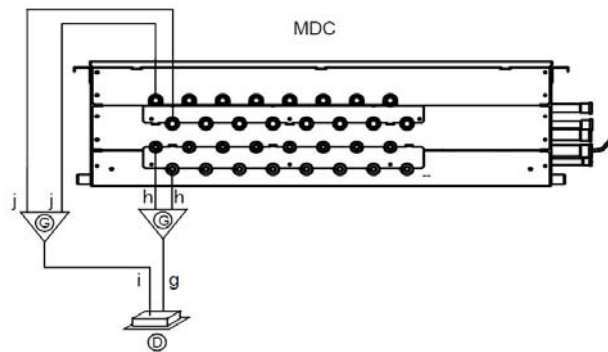


Fig. 50 —Merge the Two Ports

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	3/4	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

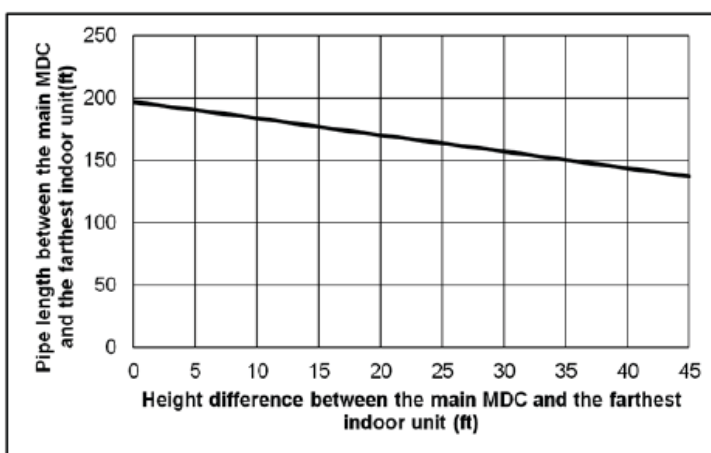
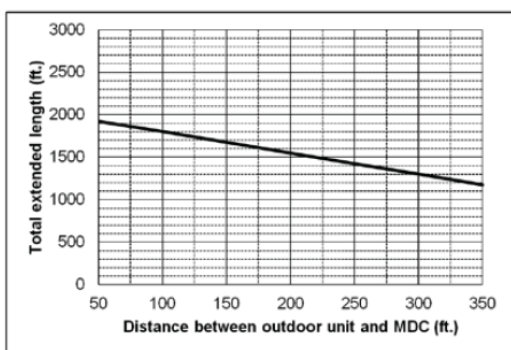
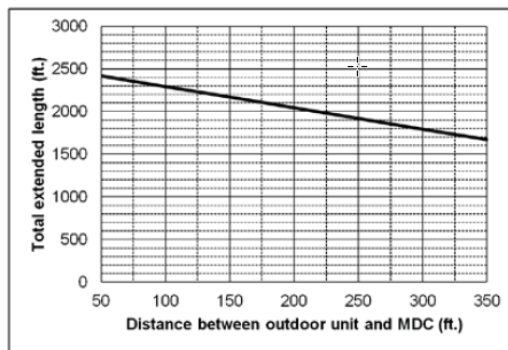


Fig. 51 —Piping Length and Height between Indoor Unit and MDC

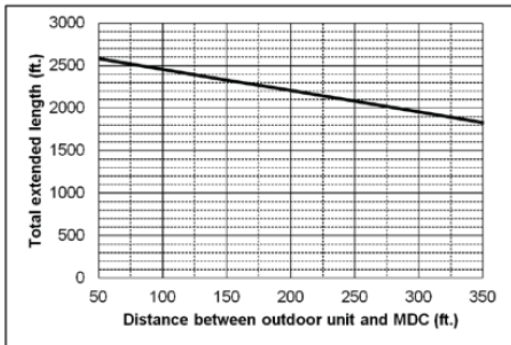
38VMA072, 096, 120, 144, 168RD models



38VMA192RD model



38VMA216, 240RD model



38VMA264, 288, 312, 336RD model

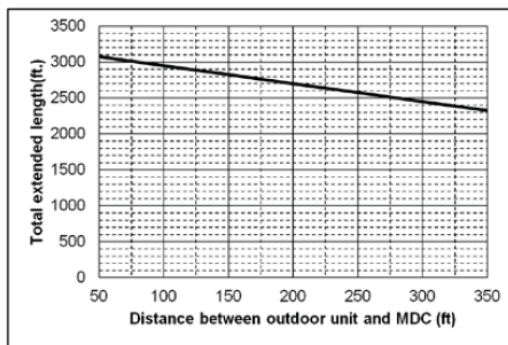


Fig. 52 —Total Piping Length Restrictions

Equipment Selection

SELECTION FLOW CHART

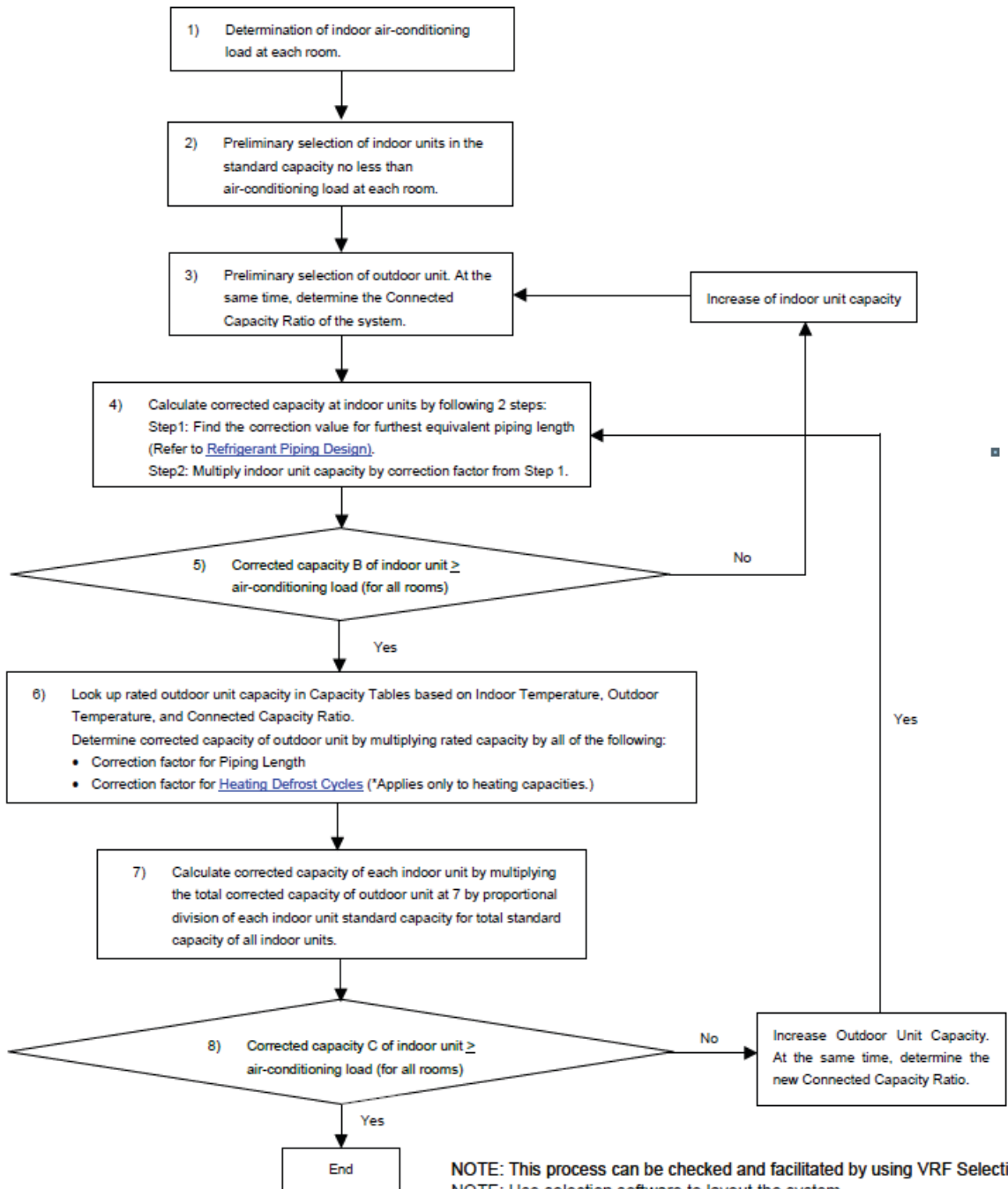


Fig. 53 —Selection Flow Chart

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

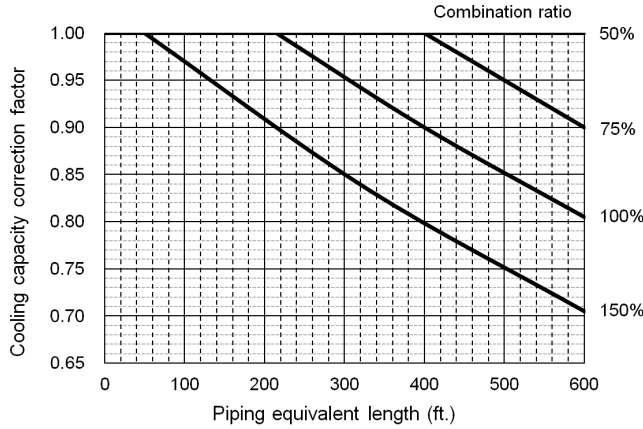
Unit Size	Model 007	Model 009	Model 012	Model 015	Model 018	Model 024
Capacity Index (kBtu/h)	7	9	12	15	18	24
Unit Size	Model 030	Model 036	Model 048	Model 054	Model 072	Model 096
Capacity Index (kBtu/h)	30	36	48	54	72	96

CORRECTION OF REFRIGERANT PIPING LENGTH

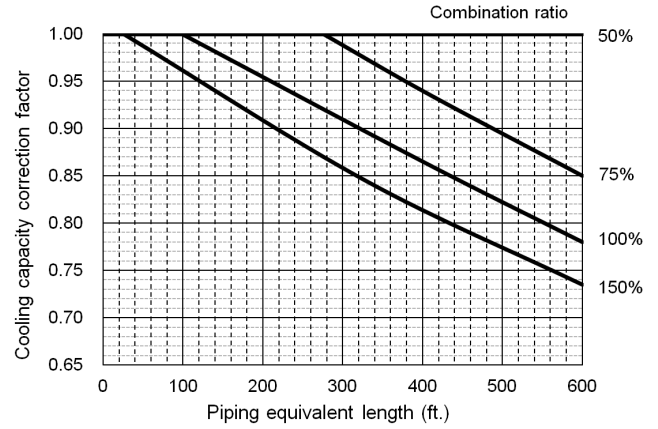
38VMA***RD system can extend the piping flexibly within its limitation to suit the actual situation. However, it will cause a decrease in cooling/heating capacity due to pressure loss because of the longer piping length. Use the following correction factor to calculate the capacity (approximately).

Table 65 —Cooling Capacity Correction

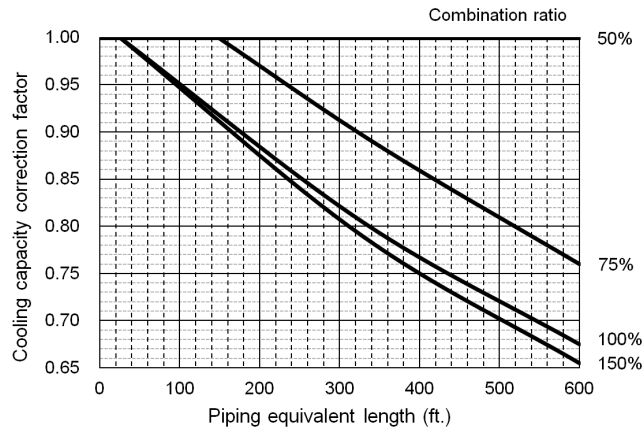
38VMA072RDS5-1(RDS6-1)



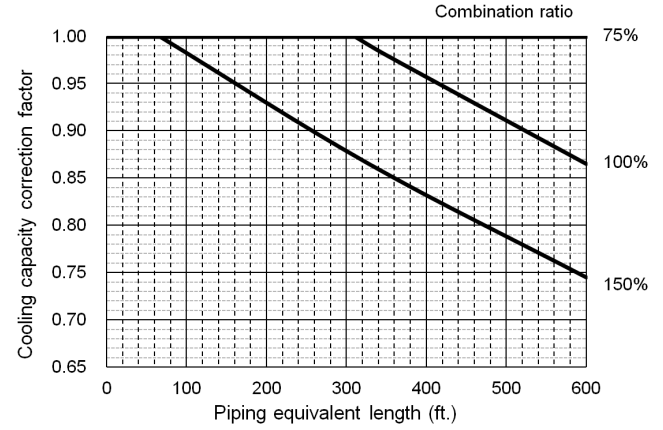
38VMA096RDS5-1(RDS6-1)



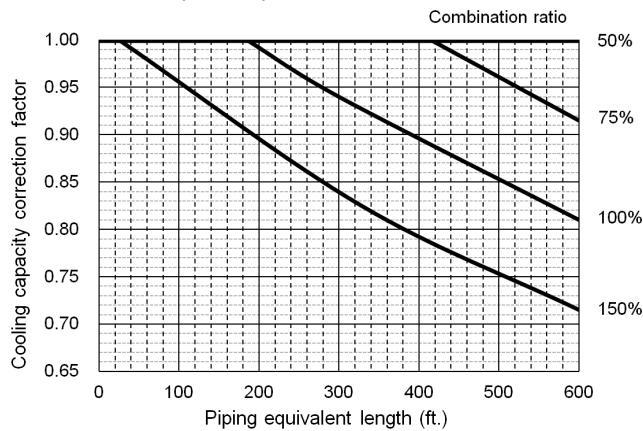
38VMA120RDS5-1(RDS6-1)



38VMA144RDL5-1(RDL6-1)



38VMA168RDS5-1(RDS6-1)



38VMA192RDS5-1(RDS6-1)

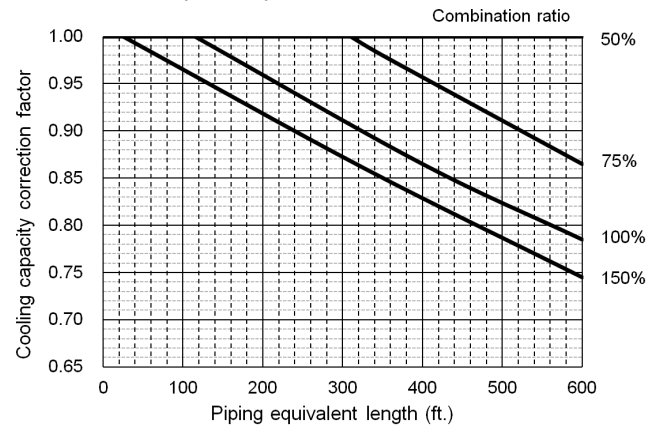
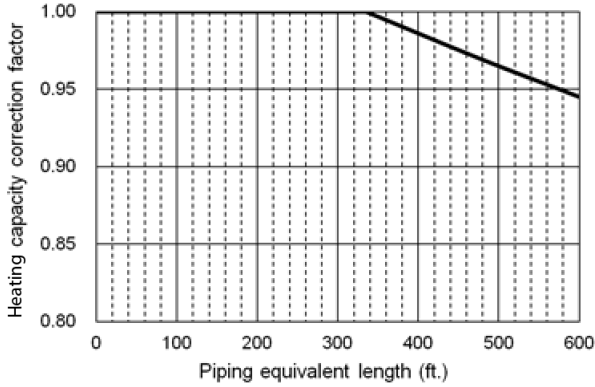
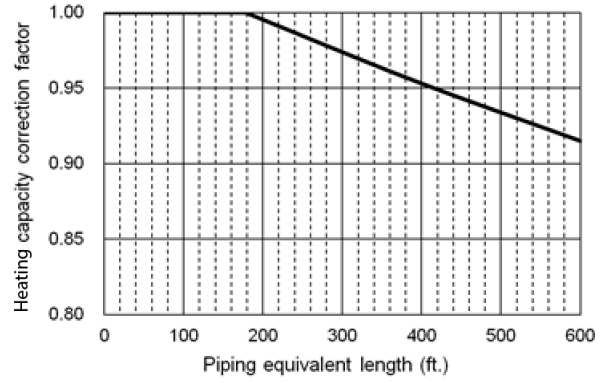


Table 66 —Heating Capacity Correction

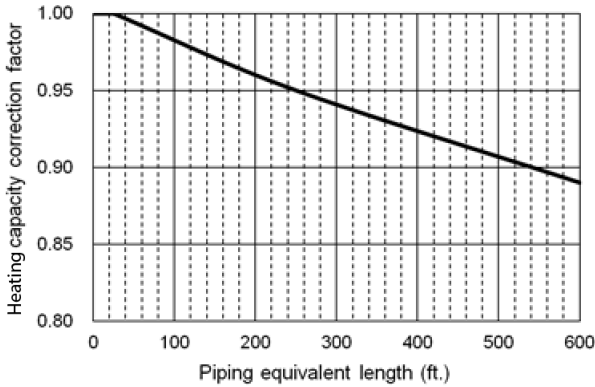
38VMA072RDS5-1(RDS6-1)



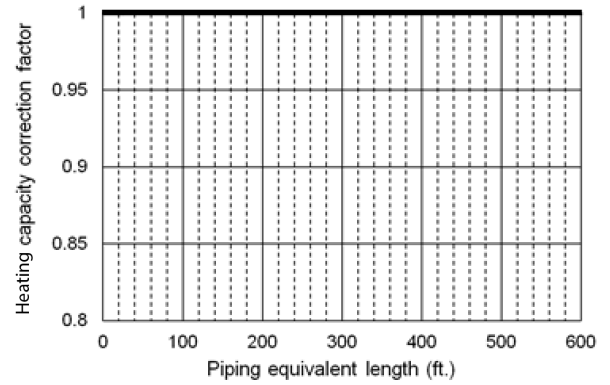
38VMA096RDS5-1(RDS6-1)



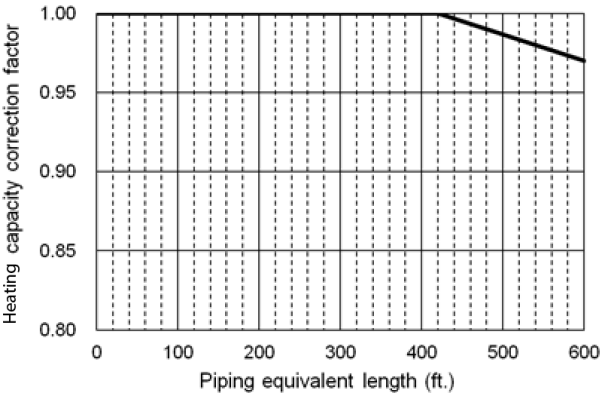
38VMA120RDS5-1(RDS6-1)



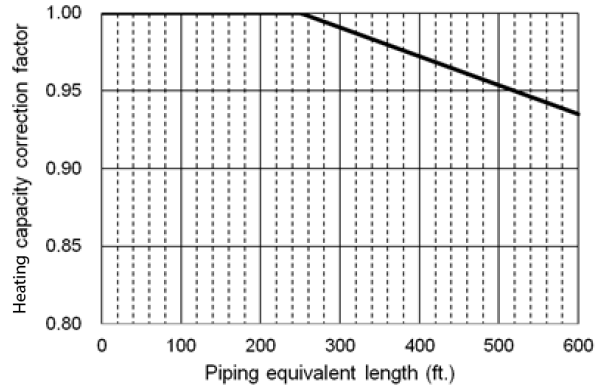
38VMA144RDL5-1(RDL6-1)



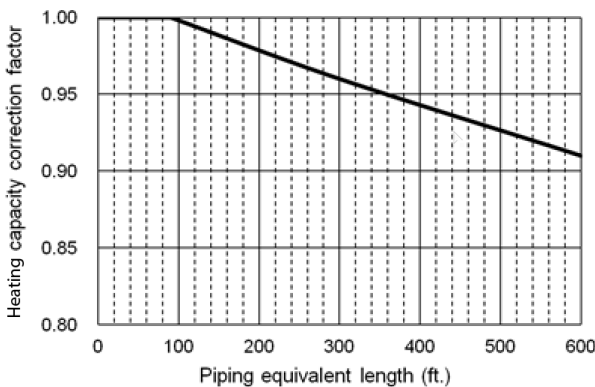
38VMA168RDS5-1(RDS6-1)



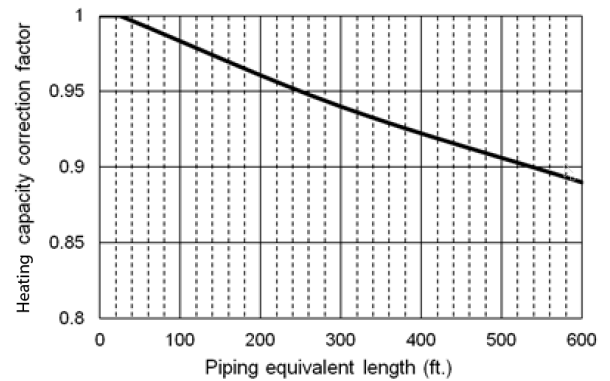
38VMA192RDS5-1(RDS6-1)



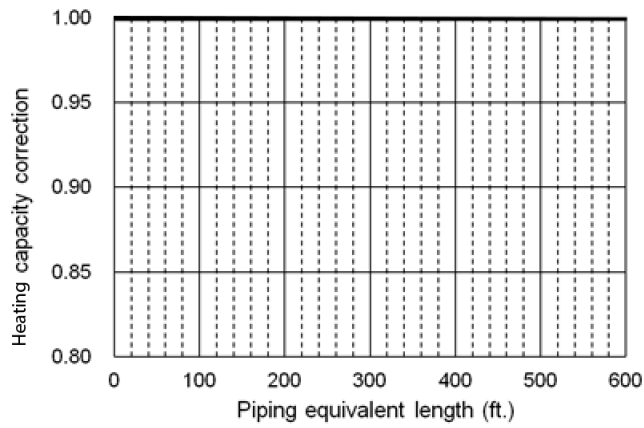
38VMA216RDS5-1(RDS6-1)



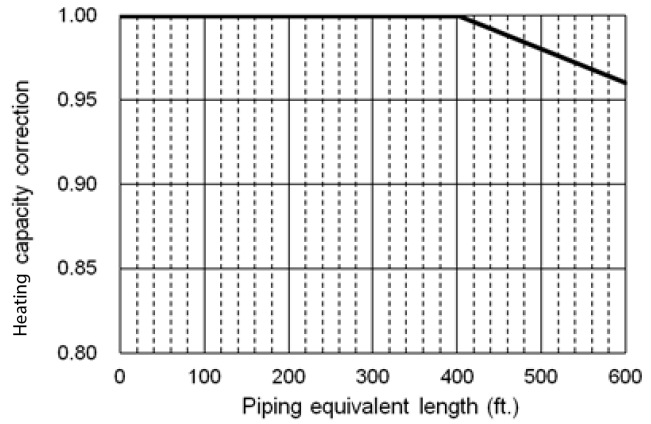
38VMA240RDS5-1(RDS6-1)



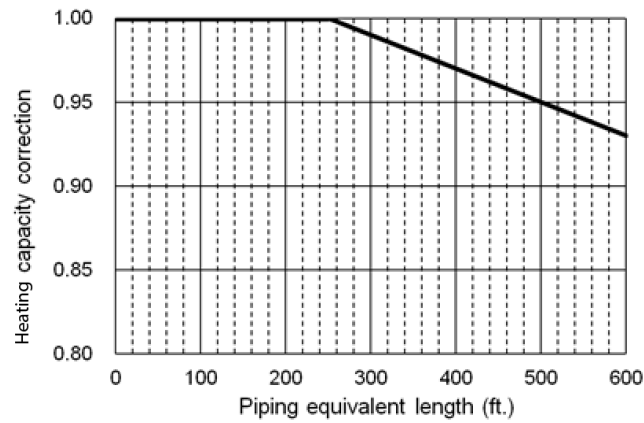
38VMA240RDL5-1(RDL6-1)



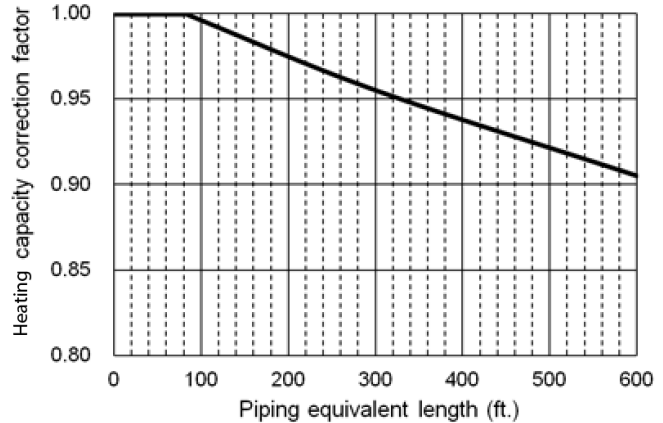
38VMA264RDS5-1(RDS6-1)



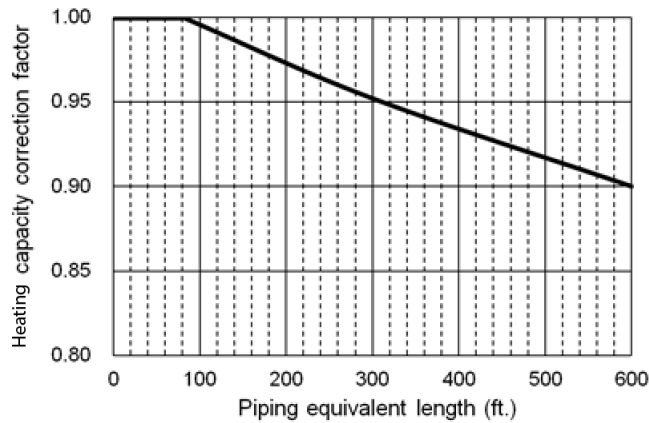
38VMA288RDS5-1(RDS6-1)



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 ϕ (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 ϕ (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--3	11.0
40VMD008M--3	11.0
40VMD010M--3	11.0
40VMD016M--3	11.0
40VMD016ML--3	15.4

Table 71 —Refrigerant to Add for Sub MDC

SUB MDC MODEL NAME	CHARGE AMOUNT PER UNIT (lbs)
40VMD006S--3	2.2
40VMD008S--3	2.2
40VMD010S--3	4.4
40VMD016S--3	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 house from the liquid line service port to the suction line service port.
3. Open the suction and liquid service valves on the unit and start the system in cooling mode.
4. Slowly open the valve on the refrigerant bottle, and carefully release the liquid refrigerant into the suction service port.

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

Temperature Operation Limits

38VMA072~336RS5-1 (6-1)

NOTES:

The following figures assume these operating conditions:

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

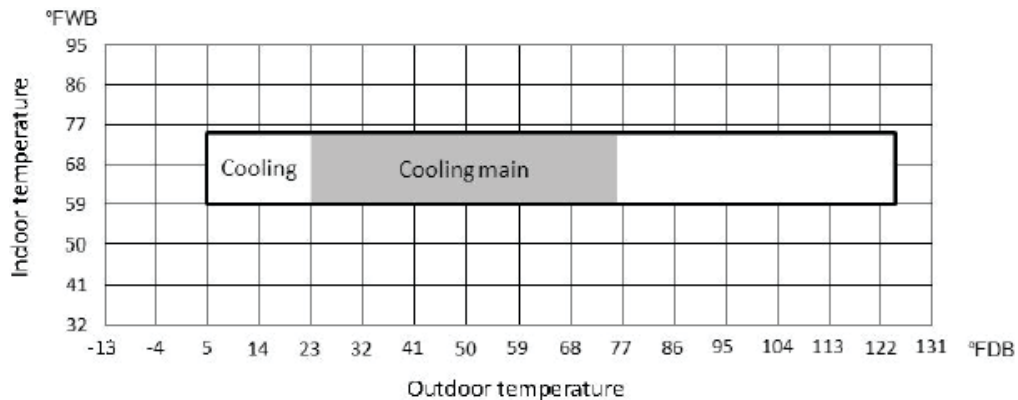


Fig. 54 —Temperature Operation Limits – Cooling

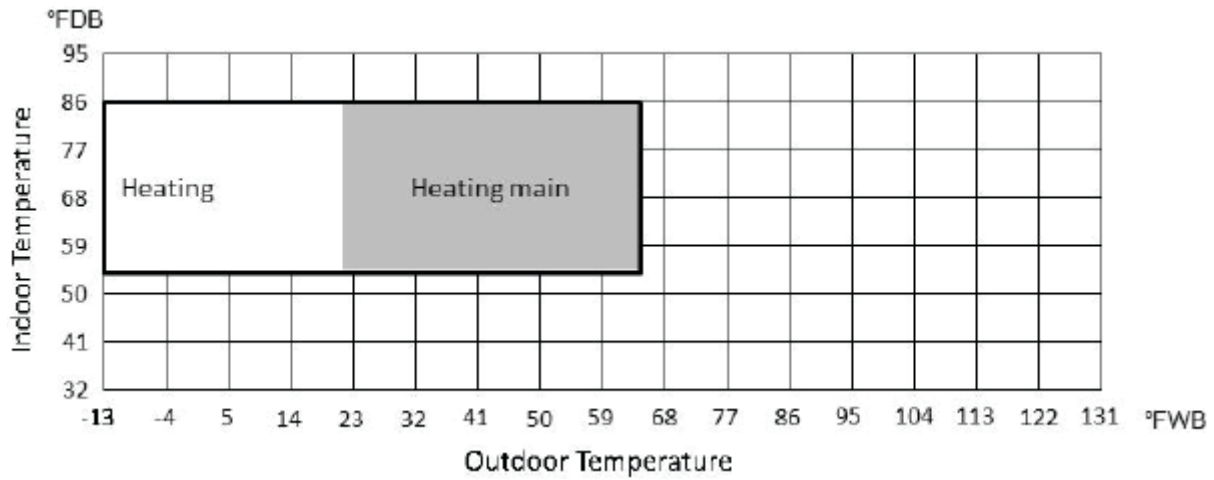


Fig. 55 —Temperature Operation Limits – Heating

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	-15~64 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)

CAPACITY DATA TABLES

Cooling Capacity

Table 75 —38VMA072RDS5-1 (RDS6-1)

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

Tc: Total Capacity PI: Power Input

Table 76 —38VMA072RDS5-1 (RDS6-1)

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

Tc: Total Capacity PI: Power Input

Table 77 —38VMA072RDS5-1 (RDS6-1)

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

Tc: Total Capacity PI: Power Input

Table 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 79 —38VMA096RDS5-1 (RDS6-1)

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

Tc: Total Capacity PI: Power Input

Table 81 —38VMA096RDS5-1 (RDS6-1)

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

Tc: Total Capacity PI: Power Input

Table 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	121.9	12.2	
122	59.1	5.0	75.8	7.0	88.3	8.6	88.7	8.7	88.9	8.7	89.1	8.7	89.4	8.8	
50	23	49.3	1.1	63.2	1.6	73.6	1.9	84.0	2.3	94.4	2.7	101.4	3.0	111.8	3.4
	30	49.3	1.1	63.2	1.6	73.6	2.0	84.0	2.4	94.4	2.8	101.4	3.0	111.8	3.4
	40	49.3	1.2	63.2	1.6	73.6	2.0	84.0	2.4	94.4	2.8	101.4	3.1	111.8	3.5
	50	49.3	1.2	63.2	1.7	73.6	2.1	84.0	2.5	94.4	3.0	101.4	3.3	111.8	3.7
	54	49.3	1.2	63.2	1.8	73.6	2.2	84.0	2.6	94.4	3.0	101.4	3.3	111.8	3.8
	58	49.3	1.3	63.2	1.8	73.6	2.2	84.0	2.7	94.4	3.1	101.4	3.5	111.8	3.9
	62	49.3	1.3	63.2	1.9	73.6	2.3	84.0	2.8	94.4	3.3	101.4	3.6	111.8	4.1
	66	49.3	1.4	63.2	2.0	73.6	2.4	84.0	2.9	94.4	3.4	101.4	3.8	111.8	4.3
	70	49.3	1.5	63.2	2.1	73.6	2.6	84.0	3.1	94.4	3.6	101.4	3.9	111.8	4.5
	72	49.3	1.5	63.2	2.1	73.6	2.6	84.0	3.2	94.4	3.7	101.4	4.1	111.8	4.6
	75	49.3	1.6	63.2	2.2	73.6	2.8	84.0	3.3	94.4	3.8	101.4	4.2	111.8	4.8
	79	49.3	1.7	63.2	2.4	73.6	2.9	84.0	3.5	94.4	4.1	101.4	4.5	111.8	5.1
	83	49.3	1.8	63.2	2.5	73.6	3.1	84.0	3.7	94.4	4.4	101.4	4.8	111.8	5.5
	87	49.3	1.9	63.2	2.7	73.6	3.3	84.0	4.0	94.4	4.7	101.4	5.1	111.8	5.9
	91	49.3	2.1	63.2	2.9	73.6	3.6	84.0	4.3	94.4	5.0	101.4	5.5	111.8	6.3
	93	49.3	2.1	63.2	3.0	73.6	3.7	84.0	4.5	94.4	5.2	101.4	5.8	111.8	6.6
	95	49.3	2.2	63.2	3.2	73.6	3.9	84.0	4.6	94.4	5.4	101.4	6.0	111.8	6.8
	99	49.3	2.4	63.2	3.4	73.6	4.2	84.0	5.0	94.4	5.9	101.4	6.5	111.8	7.4
103	49.3	2.6	63.2	3.7	73.6	4.6	84.0	5.4	94.4	6.4	101.4	7.0	111.8	8.0	
106	49.3	2.8	63.2	3.9	73.6	4.8	84.0	5.8	94.4	6.8	101.4	7.4	111.8	8.5	
110	49.3	3.0	63.2	4.3	73.6	5.3	84.0	6.3	94.4	7.3	101.4	8.1	111.8	9.2	
115	49.3	3.3	63.2	4.7	73.6	5.8	84.0	7.0	94.4	8.1	101.4	9.0	111.8	10.2	
118	49.3	3.6	63.2	5.0	73.6	6.2	84.0	7.4	94.4	8.7	101.4	9.5	111.8	10.9	
122	49.3	3.9	63.2	5.5	73.6	6.7	84.0	8.0	86.8	8.4	87.0	8.4	87.2	8.5	

Tc: Total Capacity PI: Power Input

Table 98 —38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%	°FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
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 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 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		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	-14.5	-15	49.5	3.8	49.3	4.2	49.1	4.2	49.0	4.3	48.9	4.4	48.7	4.6
	-12.6	-13	53.8	4.1	53.6	4.4	53.4	4.5	53.3	4.6	53.2	4.7	53	4.9
	-9	-9.4	61.6	4.6	61.3	4.8	61.1	5	61	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	69.3	5.3	69	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	71.9	5.7
	13	12	91.3	6	91	6.3	85.2	6.1	81.5	6	77.7	5.8	71.9	5.5
	15	14	94.5	6.2	91	6.2	85.2	6	81.5	5.8	77.7	5.7	71.9	5.4
	17	15.5	96.9	6.2	91	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	6	85.2	5.8	81.5	5.6	77.7	5.4	71.9	5.2
	22	20	98.5	6.1	91	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	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	5.3	85.2	5.2	81.5	5	77.7	4.9	71.9	4.6
	35	32	98.5	5.3	91	5.1	85.2	4.9	81.5	4.8	77.7	4.6	71.9	4.4
	39	36	98.5	5	91	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	4.6	85.2	4.4	81.5	4.3	77.7	4.2	71.9	4
	47	43	98.5	4.6	91	4.4	85.2	4.2	81.5	4.1	77.7	4	71.9	3.8
	51	47	98.5	4.3	91	4.2	85.2	4	81.5	3.9	77.7	3.8	71.9	3.6
	54	50	98.5	4.1	91	4	85.2	3.8	81.5	3.7	77.7	3.6	71.9	3.4
57	53	98.5	3.9	91	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	3.6	85.2	3.5	81.5	3.4	77.7	3.3	71.9	3.1	
140	-14.5	-15	49.3	4.1	49.1	4.3	48.9	4.5	48.8	4.6	48.7	4.7	48.5	4.9
	-12.6	-13	53.6	4.4	53.4	4.6	53.2	4.8	53.1	4.9	53	5	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	5.8	65.9	5.9	65.7	6.1
	-1.84	-2.2	69.3	5.3	69	5.6	68.8	5.8	68.7	6	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	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	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	77.4	5.8	71.7	5.5
	22	20	98.1	6.5	90.7	6.2	84.9	6	81.2	5.8	77.4	5.7	71.7	5.4
	26	24	98.1	6.2	90.7	6	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	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	71.7	3.8
	54	50	98.1	4.4	90.7	4.2	84.9	4.1	81.2	4	77.4	3.8	71.7	3.7
57	53	98.1	4.2	90.7	4	84.9	3.9	81.2	3.8	77.4	3.7	71.7	3.5	
60	56	98.1	4	90.7	3.8	84.9	3.7	81.2	3.6	77.4	3.5	71.7	3.3	
130	-14.5	-15	49.1	4.4	48.9	4.6	48.7	4.8	48.6	4.9	48.5	5.0	48.5	5.2
	-12.6	-13	53.4	4.7	53.2	4.9	53	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	65.8	6.2	65.6	6.3	65.4	6.5
	-1.84	-2.2	69	5.7	68.8	6	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	77.2	7	71.4	6.6
	9.5	8.5	85.2	6.6	84.9	6.9	84.6	7.1	80.9	7	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	90.3	7	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
	19	18	97.8	7	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	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	84.6	5.8	80.9	5.7	77.2	5.5	71.4	5.2
	35	32	97.8	6	90.3	5.7	84.6	5.5	80.9	5.4	77.2	5.2	71.4	5
	39	36	97.8	5.7	90.3	5.5	84.6	5.3	80.9	5.1	77.2	5	71.4	4.7
	44	40	97.8	5.4	90.3	5.2	84.6	5	80.9	4.9	77.2	4.7	71.4	4.5
	47	43	97.8	5.2	90.3	5	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	77.2	3.9	71.4	3.7	
60	56	97.8	4.2	90.3	4	84.6	3.9	80.9	3.8	77.2	3.7	71.4	3.5	

Table 127 —38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor		Indoor air temp. °FDB											
			61		65		68		70		72		75	
			°FDB	°FWB	Tc	PI	Tc	PI	Tc	PI	Tc	PI	Tc	PI
%			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
120	-14.5	-15	48.9	4.6	48.7	4.9	48.5	5.1	48.4	5.2	48.4	5.2	48.3	5.4
	-12.6	-13	53.2	4.9	53	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	60.4	6.1	60.2	6.3	60	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	68.5	6.3	68.3	6.5	68.2	6.7	68	6.8	67.8	7.1
	5.5	5	79.6	6.6	79.2	7	79	7.2	78.8	7.4	76.9	7.4	71.1	7
	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	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	7.4	84.3	7.2	80.6	7	76.9	6.8	71.1	6.4
	17	15.5	95.9	7.4	90	7.3	84.3	7	80.6	6.9	76.9	6.7	71.1	6.3
	19	18	97.4	7.4	90	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	7	84.3	6.7	80.6	6.5	76.9	6.4	71.1	6
	26	24	97.4	6.9	90	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	6.4	84.3	6.1	80.6	6	76.9	5.8	71.1	5.5
	35	32	97.4	6.3	90	6.1	84.3	5.9	80.6	5.7	76.9	5.5	71.1	5.3
	39	36	97.4	6	90	5.8	84.3	5.6	80.6	5.4	76.9	5.3	71.1	5
	44	40	97.4	5.7	90	5.5	84.3	5.3	80.6	5.1	76.9	5	71.1	4.7
	47	43	97.4	5.5	90	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	5	84.3	4.8	80.6	4.6	76.9	4.5	71.1	4.3
	54	50	97.4	4.9	90	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	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	4.3	84.3	4.1	80.6	4	76.9	3.9	71.1	3.7	
110	-14.5	-15	48.7	4.9	48.6	5.2	48.3	5.4	48.3	5.5	48.2	5.5	48.1	5.9
	-12.6	-13	53	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	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	65	7.2
	-1.84	-2.2	68.5	6.3	68.3	6.6	68	6.9	67.9	7	67.8	7.2	67.6	7.5
	5.5	5	79.3	7	79	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	7.9	80.3	7.7	76.6	7.5	70.9	7.1
	13	12	90	7.6	89.7	8	84	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	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	7.4	80.3	7.2	76.6	7	70.9	6.7
	19	18	97.1	7.8	89.7	7.5	84	7.2	80.3	7	76.6	6.8	70.9	6.5
	22	20	97.1	7.6	89.7	7.3	84	7.1	80.3	6.9	76.6	6.7	70.9	6.4
	26	24	97.1	7.3	89.7	7	84	6.8	80.3	6.6	76.6	6.4	70.9	6.1
	30	28	97.1	7	89.7	6.7	84	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	6.2	80.3	6	76.6	5.8	70.9	5.5
	39	36	97.1	6.3	89.7	6.1	84	5.9	80.3	5.7	76.6	5.5	70.9	5.3
	44	40	97.1	6	89.7	5.8	84	5.6	80.3	5.4	76.6	5.3	70.9	5
	47	43	97.1	5.7	89.7	5.5	84	5.3	80.3	5.2	76.6	5	70.9	4.8
	51	47	97.1	5.4	89.7	5.2	84	5	80.3	4.9	76.6	4.8	70.9	4.5
	54	50	97.1	5.2	89.7	5	84	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	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	4.3	80.3	4.2	76.6	4.1	70.9	3.9	
100	-14.5	-15	48.5	5.2	48.4	5.3	48.3	5.7	48.1	5.7	48.0	5.8	47.9	6.1
	-12.6	-13	52.8	5.5	52.6	5.7	52.5	6	52.3	6.1	52.2	6.2	52.1	6.5
	-9	-9.4	60.5	6.1	60.2	6.4	60	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	65.1	7.2	64.9	7.4	64.7	7.6
	-1.84	-2.2	68.3	6.6	68	7	67.8	7.2	67.7	7.4	67.5	7.6	67.3	7.8
	5.5	5	79	7.3	78.7	7.7	78.4	8	78.3	8.2	76.3	8.2	70.6	7.7
	9.5	8.5	84.3	7.6	84	8	83.7	8.3	80	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	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	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	7.6	76.3	7.4	70.6	7
	19	18	96.7	8.2	89.4	7.9	83.7	7.6	80	7.4	76.3	7.2	70.6	6.8
	22	20	96.7	8	89.4	7.7	83.7	7.4	80	7.2	76.3	7	70.6	6.7
	26	24	96.7	7.7	89.4	7.4	83.7	7.1	80	6.9	76.3	6.7	70.6	6.4
	30	28	96.7	7.3	89.4	7	83.7	6.8	80	6.6	76.3	6.4	70.6	6.1
	35	32	96.7	7	89.4	6.7	83.7	6.5	80	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	6	76.3	5.8	70.6	5.5
	44	40	96.7	6.3	89.4	6.1	83.7	5.8	80	5.7	76.3	5.5	70.6	5.2
	47	43	96.7	6	89.4	5.8	83.7	5.6	80	5.4	76.3	5.3	70.6	5
	51	47	96.7	5.7	89.4	5.5	83.7	5.3	80	5.1	76.3	5	70.6	4.7
	54	50	96.7	5.4	89.4	5.2	83.7	5	80	4.9	76.3	4.8	70.6	4.5
57	53	96.7	5.2	89.4	5	83.7	4.8	80	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	4.4	76.3	4.3	70.6	4.1	

Table 127 —38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	48.4	5.4	48.2	5.6	48.1	5.8	48.0	6.0	47.8	6.1	47.7	6.4
	-12.6	-13	52.6	5.7	52.4	6	52.3	6.2	52.2	6.4	52	6.5	51.9	6.8
	-9	-9.4	60.2	6.3	60	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	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	72	7.8	68.7	7.6	63.6	7.2
	9.5	8.5	84	8	80.4	8	75.3	7.8	72	7.6	68.7	7.4	63.6	7
	13	12	87.1	8.1	80.4	7.8	75.3	7.5	72	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	7.2	68.7	7	63.6	6.6
	17	15.5	87.1	7.8	80.4	7.5	75.3	7.3	72	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	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	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	6.5	68.7	6.3	63.6	6
	30	28	87.1	6.8	80.4	6.5	75.3	6.3	72	6.2	68.7	6	63.6	5.7
	35	32	87.1	6.5	80.4	6.2	75.3	6	72	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	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	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	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	4.8	68.7	4.7	63.6	4.4
	54	50	87.1	5	80.4	4.9	75.3	4.7	72	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	4.4	68.7	4.2	63.6	4	
60	56	87.1	4.6	80.4	4.4	75.3	4.2	72	4.1	68.7	4	63.6	3.8	
80	-14.5	-15	48.2	5.7	48.0	5.9	47.9	6.1	47.8	6.3	47.7	6.4	47.5	6.9
	-12.6	-13	52.4	6	52.2	6.3	52.1	6.5	52	6.7	51.9	6.8	51.7	7.1
	-9	-9.4	60	6.6	59.8	7	59.6	7.2	59.5	7.4	59.4	7.6	56.5	7.4
	-3.64	-4	65.2	7	64.9	7.4	64.7	7.7	64	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	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	7.2	61.1	7	56.5	6.7
	9.5	8.5	77.4	7.6	71.5	7.4	66.9	7.1	64	7	61.1	6.8	56.5	6.5
	13	12	77.4	7.4	71.5	7.1	66.9	6.9	64	6.7	61.1	6.5	56.5	6.2
	15	14	77.4	7.2	71.5	7	66.9	6.8	64	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	6.5	61.1	6.3	56.5	6
	19	18	77.4	6.9	71.5	6.7	66.9	6.5	64	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	6.2	61.1	6	56.5	5.7
	26	24	77.4	6.5	71.5	6.3	66.9	6.1	64	5.9	61.1	5.8	56.5	5.5
	30	28	77.4	6.2	71.5	6	66.9	5.8	64	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	5.4	61.1	5.3	56.5	5
	39	36	77.4	5.6	71.5	5.4	66.9	5.3	64	5.1	61.1	5	56.5	4.8
	44	40	77.4	5.3	71.5	5.2	66.9	5	64	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	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	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	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	4	61.1	3.9	56.5	3.7	
60	56	77.4	4.2	71.5	4	66.9	3.9	64	3.8	61.1	3.7	56.5	3.5	
70	-14.5	-15	48.0	5.8	47.8	6.2	47.6	6.5	47.5	6.8	47.3	7.1	47.2	7.3
	-12.6	-13	52.2	6.2	52	6.6	51.9	6.8	51.8	7	51.7	7.1	49.4	7.1
	-9	-9.4	59.8	6.9	59.6	7.3	58.6	7.4	56	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	7	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	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	6.5	53.4	6.3	49.4	6
	9.5	8.5	67.7	6.9	62.6	6.6	58.6	6.4	56	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	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	6	53.4	5.8	49.4	5.5
	17	15.5	67.7	6.4	62.6	6.2	58.6	6	56	5.9	53.4	5.7	49.4	5.5
	19	18	67.7	6.2	62.6	6	58.6	5.9	56	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	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	5.4	53.4	5.2	49.4	5
	30	28	67.7	5.6	62.6	5.4	58.6	5.2	56	5.1	53.4	5	49.4	4.8
	35	32	67.7	5.3	62.6	5.2	58.6	5	56	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	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	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	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	4	53.4	3.9	49.4	3.7
	54	50	67.7	4.1	62.6	4	58.6	3.9	56	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	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	3.4	53.4	3.3	49.4	3.2	

Table 127 —38VMA072RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	47.8	6.2	47.6	6.8	47.5	7.1	47.4	6.9	45.8	6.6	42.4	6.5
	-12.6	-13	52	6.5	51.8	6.8	50.2	6.9	48	6.7	45.8	6.5	42.4	6.3
	-9	-9.4	58	7	53.6	6.8	50.2	6.6	48	6.4	45.8	6.3	42.4	6
	-3.64	-4	58	6.8	53.6	6.6	50.2	6.4	48	6.2	45.8	6.1	42.4	5.8
	-1.84	-2.2	58	6.7	53.6	6.5	50.2	6.3	48	6.1	45.8	6	42.4	5.7
	5.5	5	58	6.3	53.6	6.1	50.2	5.9	48	5.8	45.8	5.6	42.4	5.4
	9.5	8.5	58	6.1	53.6	5.9	50.2	5.7	48	5.6	45.8	5.4	42.4	5.2
	13	12	58	5.8	53.6	5.7	50.2	5.5	48	5.4	45.8	5.3	42.4	5
	15	14	58	5.7	53.6	5.6	50.2	5.4	48	5.3	45.8	5.1	42.4	4.9
	17	15.5	58	5.6	53.6	5.5	50.2	5.3	48	5.2	45.8	5.1	42.4	4.9
	19	18	58	5.5	53.6	5.3	50.2	5.2	48	5.1	45.8	4.9	42.4	4.7
	22	20	58	5.4	53.6	5.2	50.2	5.1	48	5	45.8	4.8	42.4	4.6
	26	24	58	5.2	53.6	5	50.2	4.9	48	4.7	45.8	4.6	42.4	4.4
	30	28	58	4.9	53.6	4.8	50.2	4.6	48	4.5	45.8	4.4	42.4	4.2
	35	32	58	4.7	53.6	4.6	50.2	4.4	48	4.3	45.8	4.2	42.4	4
	39	36	58	4.5	53.6	4.3	50.2	4.2	48	4.1	45.8	4	42.4	3.8
	44	40	58	4.2	53.6	4.1	50.2	4	48	3.9	45.8	3.8	42.4	3.6
	47	43	58	4.1	53.6	3.9	50.2	3.8	48	3.7	45.8	3.6	42.4	3.5
	51	47	58	3.8	53.6	3.7	50.2	3.6	48	3.5	45.8	3.4	42.4	3.3
	54	50	58	3.7	53.6	3.5	50.2	3.4	48	3.4	45.8	3.3	42.4	3.1
57	53	58	3.5	53.6	3.4	50.2	3.3	48	3.2	45.8	3.1	42.4	3	
60	56	58	3.3	53.6	3.2	50.2	3.1	48	3	45.8	3	42.4	2.8	
50	-14.5	-15	47.6	6.5	44.7	6.3	41.8	6.0	40.0	6.0	38.2	5.9	35.3	5.5
	-12.6	-13	48.4	6.3	44.7	6.1	41.8	5.9	40	5.8	38.2	5.7	35.3	5.4
	-9	-9.4	48.4	6	44.7	5.8	41.8	5.7	40	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	5.4	38.2	5.3	35.3	5
	-1.84	-2.2	48.4	5.7	44.7	5.6	41.8	5.4	40	5.3	38.2	5.2	35.3	5
	5.5	5	48.4	5.4	44.7	5.2	41.8	5.1	40	5	38.2	4.8	35.3	4.7
	9.5	8.5	48.4	5.2	44.7	5	41.8	4.9	40	4.8	38.2	4.7	35.3	4.5
	13	12	48.4	5	44.7	4.9	41.8	4.7	40	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	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	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	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	4.3	38.2	4.2	35.3	4
	26	24	48.4	4.4	44.7	4.3	41.8	4.2	40	4.1	38.2	4	35.3	3.8
	30	28	48.4	4.2	44.7	4.1	41.8	4	40	3.9	38.2	3.8	35.3	3.7
	35	32	48.4	4	44.7	3.9	41.8	3.8	40	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	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	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	3.2	38.2	3.1	35.3	3
	51	47	48.4	3.3	44.7	3.2	41.8	3.1	40	3	38.2	3	35.3	2.8
	54	50	48.4	3.1	44.7	3	41.8	3	40	2.9	38.2	2.8	35.3	2.7
57	53	48.4	3	44.7	2.9	41.8	2.8	40	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	2.6	38.2	2.6	35.3	2.5	

Tc: Total Capacity PI: Power Input

Table 128 —38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	49.9	4.1	49.7	4.3	49.5	4.5	49.4	4.5	49.3	4.6	49.1	4.7
	-12.6	-13	54.2	4.3	54	4.5	53.8	4.7	53.7	4.8	53.6	4.9	53.4	5
	-9	-9.4	62	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	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
	5.5	5	81	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	6	91.7	6.4	91.4	6.6	91.2	6.7	91	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	93.9	7.3
	17	15.5	97.6	6.2	97.2	6.6	96.9	6.8	96.7	7	96.6	7.1	96.2	7.4
	19	18	101.7	6.4	101.3	6.7	101	6.9	100.8	7.1	100.6	7.3	97.1	7.2
	22	20	105	6.5	104.5	6.8	104.2	7	104	7.2	103.8	7.4	97.1	7.1
	26	24	111.6	6.6	111.1	7	110.8	7.2	110	7.4	104.9	7.1	97.1	6.8
	30	28	118.3	6.8	117.8	7.1	115	7.2	110	7	104.9	6.8	97.1	6.5
	35	32	125.1	6.9	122.9	7.1	115	6.9	110	6.7	104.9	6.5	97.1	6.2
	39	36	132	7	122.9	6.8	115	6.5	110	6.4	104.9	6.2	97.1	5.9
	44	40	133	6.7	122.9	6.4	115	6.2	110	6	104.9	5.9	97.1	5.6
	47	43	133	6.4	122.9	6.2	115	6	110	5.8	104.9	5.6	97.1	5.3
	51	47	133	6.1	122.9	5.8	115	5.6	110	5.5	104.9	5.3	97.1	5
	54	50	133	5.8	122.9	5.6	115	5.4	110	5.2	104.9	5.1	97.1	4.8
57	53	133	5.5	122.9	5.3	115	5.1	110	5	104.9	4.8	97.1	4.6	
60	56	133	5.2	122.9	5	115	4.8	110	4.7	104.9	4.6	97.1	4.4	
140	-14.5	-15	49.7	4.2	49.5	4.5	49.3	4.7	49.2	4.8	49.1	4.9	48.9	5.1
	-12.6	-13	54	4.5	53.8	4.8	53.6	5	53.5	5.1	53.4	5.2	53.2	5.4
	-9	-9.4	61.8	5	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	6.2	68.8	6.4
	5.5	5	80.7	6	80.4	6.3	80.2	6.5	80	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	7.3
	13	12	91.7	6.4	91.3	6.8	91	7	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	7.3	93.8	7.5	93.5	7.7
	17	15.5	97.3	6.6	96.9	7	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	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	96.7	5.7
	51	47	132.5	6.4	122.4	6.2	114.6	6	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	104.5	4.9	96.7	4.6	
130	-14.5	-15	49.5	4.5	49.3	4.8	49.1	5.0	49.0	5.1	48.9	5.2	48.7	5.4
	-12.6	-13	53.8	4.8	53.6	5.1	53.4	5.3	53.3	5.4	53.2	5.5	53	5.7
	-9	-9.4	61.6	5.3	61.3	5.6	61.2	5.8	61	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	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	96.5	7.4	96.2	7.7	96	7.9	95.9	8	95.6	8.3
	19	18	100.9	7.2	100.5	7.6	100.2	7.8	100	8	99.8	8.2	96.4	8.2
	22	20	104.2	7.3	103.8	7.7	103.5	8	103.3	8.1	103	8.3	96.4	8
	26	24	110.8	7.5	110.3	7.9	110	8.2	109.2	8.3	104.2	8.1	96.4	7.7
	30	28	117.4	7.7	117	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	8.1	114.2	7.8	109.2	7.6	104.2	7.3	96.4	7
	39	36	131.1	7.9	122	7.7	114.2	7.4	109.2	7.2	104.2	7	96.4	6.6
	44	40	132	7.6	122	7.3	114.2	7	109.2	6.8	104.2	6.6	96.4	6.3
	47	43	132	7.2	122	7	114.2	6.7	109.2	6.5	104.2	6.4	96.4	6
	51	47	132	6.8	122	6.6	114.2	6.3	109.2	6.2	104.2	6	96.4	5.7
	54	50	132	6.5	122	6.3	114.2	6	109.2	5.9	104.2	5.7	96.4	5.4
57	53	132	6.2	122	6	114.2	5.8	109.2	5.6	104.2	5.4	96.4	5.2	
60	56	132	5.9	122	5.7	114.2	5.5	109.2	5.3	104.2	5.2	96.4	4.9	

Table 128 —38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	49.3	4.8	49.1	5.1	48.9	5.3	48.8	5.4	48.7	5.5	48.7	5.7
	-12.6	-13	53.6	5.1	53.4	5.4	53.2	5.6	53.1	5.7	53	5.8	52.9	6
	-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	6.6	65.9	6.8	65.7	7
	-1.84	-2.2	69.3	6.1	69	6.4	68.8	6.7	68.7	6.8	68.5	7	68.3	7.2
	5.5	5	80.2	6.7	79.8	7	79.6	7.3	79.4	7.5	79.3	7.6	79	7.9
	9.5	8.5	85.6	7	85.2	7.3	84.9	7.6	84.8	7.8	84.6	7.9	84.3	8.2
	13	12	91	7.2	90.7	7.6	90.4	7.9	90.2	8	90	8.2	89.7	8.5
	15	14	94.2	7.3	93.8	7.7	93.5	8	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	99.9	8.3	99.7	8.5	99.5	8.7	96	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	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	8.1
	30	28	117	8.1	116.5	8.5	113.8	8.6	108.8	8.4	103.8	8.1	96	7.7
	35	32	123.8	8.2	121.5	8.5	113.8	8.2	108.8	8	103.8	7.8	96	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	7
	44	40	131.5	8	121.5	7.7	113.8	7.4	108.8	7.2	103.8	7	96	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	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	6
	54	50	131.5	6.9	121.5	6.6	113.8	6.4	108.8	6.2	103.8	6	96	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	5.5	
60	56	131.5	6.2	121.5	6	113.8	5.8	108.8	5.6	103.8	5.5	96	5.2	
110	-14.5	-15	49.1	5.1	48.9	5.3	48.7	5.6	48.6	5.7	48.5	5.7	48.5	6.1
	-12.6	-13	53.4	5.4	53.2	5.6	53	5.9	52.9	6	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
	-3.64	-4	66.4	6.2	66.1	6.6	65.9	6.8	65.8	7	65.7	7.1	65.4	7.4
	-1.84	-2.2	69	6.4	68.8	6.8	68.6	7	68.4	7.2	68.3	7.3	68.1	7.6
	5.5	5	79.9	7	79.5	7.4	79.3	7.7	79.1	7.9	79	8.1	78.7	8.3
	9.5	8.5	85.2	7.3	84.9	7.7	84.6	8	84.5	8.2	84.3	8.4	84	8.7
	13	12	90.7	7.6	90.3	8	90	8.3	89.9	8.5	89.7	8.7	89.4	9
	15	14	93.8	7.7	93.5	8.1	93.2	8.4	93	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	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	8.5	102.7	8.9	102.5	9.1	102.3	9.3	95.7	8.9
	26	24	110	8.3	109.5	8.8	109.2	9.1	108.4	9.2	103.4	9	95.7	8.5
	30	28	116.6	8.5	116.1	9	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	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	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
	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	108.4	6.9	103.4	6.7	95.7	6.3
	54	50	131.1	7.3	121.1	7	113.4	6.7	108.4	6.5	103.4	6.4	95.7	6
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	-14.5	-15	48.9	5.3	48.7	5.6	48.5	5.9	48.4	6.0	48.4	6.0	48.3	6.4
	-12.6	-13	53.2	5.6	53	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	7.7	67.8	8
	5.5	5	79.6	7.4	79.3	7.8	79	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	8.8	83.7	9.1
	13	12	90.4	8	90	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	95	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	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	9.7	103	9.4	95.3	9
	30	28	116.2	8.9	115.7	9.4	113	9.5	108	9.3	103	9	95.3	8.6
	35	32	122.8	9.1	120.7	9.4	113	9.1	108	8.8	103	8.6	95.3	8.2
	39	36	129.6	9.2	120.7	8.9	113	8.6	108	8.4	103	8.2	95.3	7.8
	44	40	130.6	8.8	120.7	8.5	113	8.2	108	8	103	7.7	95.3	7.3
	47	43	130.6	8.5	120.7	8.1	113	7.8	108	7.6	103	7.4	95.3	7
	51	47	130.6	8	120.7	7.7	113	7.4	108	7.2	103	7	95.3	6.6
	54	50	130.6	7.6	120.7	7.3	113	7.1	108	6.9	103	6.7	95.3	6.3
57	53	130.6	7.3	120.7	7	113	6.7	108	6.5	103	6.4	95.3	6	
60	56	130.6	6.9	120.7	6.6	113	6.4	108	6.2	103	6	95.3	5.7	

Table 128 —38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	48.7	5.6	48.6	5.9	48.3	6.0	48.3	6.2	48.2	6.5	48.1	6.6
	-12.6	-13	53	5.9	52.8	6.2	52.6	6.4	52.5	6.6	52.4	6.8	52.3	7
	-9	-9.4	60.7	6.5	60.4	6.8	60.3	7.1	60.1	7.3	60	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	8.1
	-1.84	-2.2	68.5	7.1	68.3	7.4	68	7.7	67.9	7.9	67.8	8.1	67.6	8.3
	5.5	5	79.3	7.7	79	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	8.8	83.8	9	83.7	9.2	83.4	9.5
	13	12	90	8.3	89.7	8.8	89.4	9.1	89.2	9.3	89	9.5	85.8	9.5
	15	14	93.1	8.5	92.8	8.9	92.5	9.3	92.3	9.5	92.1	9.7	85.8	9.3
	17	15.5	95.5	8.6	95.1	9.1	94.8	9.4	94.6	9.6	92.7	9.6	85.8	9.2
	19	18	99.5	8.8	99.1	9.2	98.8	9.6	97.2	9.7	92.7	9.4	85.8	8.9
	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	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
	35	32	117.5	9.1	108.6	8.8	101.7	8.4	97.2	8.2	92.7	8	85.8	7.6
	39	36	117.5	8.6	108.6	8.3	101.7	8	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	97.2	5.8	92.7	5.6	85.8	5.4	
80	-14.5	-15	48.5	5.9	48.4	6.2	48.3	6.3	48.1	6.5	48.0	6.7	47.9	6.9
	-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	7.4	59.9	7.6	59.8	7.8	59.6	8
	-3.64	-4	65.7	7.2	65.4	7.6	65.2	7.8	65.1	8	64.9	8.2	64.7	8.5
	-1.84	-2.2	68.3	7.4	68	7.8	67.8	8.1	67.7	8.2	67.5	8.4	67.3	8.7
	5.5	5	79	8.1	78.7	8.5	78.4	8.8	78.3	9	78.1	9.2	76.3	9.4
	9.5	8.5	84.3	8.4	84	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	76.3	8.6
	17	15.5	95.2	9	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	90.4	7.8	86.4	7.6	82.4	7.4	76.3	7
	39	36	104.5	7.9	96.5	7.6	90.4	7.4	86.4	7.2	82.4	7	76.3	6.7
	44	40	104.5	7.5	96.5	7.2	90.4	7	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	76.3	5.7
	54	50	104.5	6.5	96.5	6.2	90.4	6	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	-14.5	-15	48.4	6.0	48.2	6.5	48.1	6.6	48.0	6.8	47.8	7.0	47.7	7.2
	-12.6	-13	52.6	6.4	52.4	6.8	52.3	7	52.2	7.2	52	7.4	51.9	7.6
	-9	-9.4	60.2	7.1	60	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	7.7	67.8	8.1	67.5	8.4	67.4	8.6	67.3	8.8	66.7	9
	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	8.8	83.6	9.2	79.1	9	75.6	8.8	72.1	8.6	66.7	8.2
	13	12	89.4	9.1	84.5	9	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	84.5	8.7	79.1	8.4	75.6	8.2	72.1	8	66.7	7.7
	19	18	91.4	8.8	84.5	8.5	79.1	8.2	75.6	8	72.1	7.8	66.7	7.5
	22	20	91.4	8.6	84.5	8.3	79.1	8	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
	30	28	91.4	7.8	84.5	7.6	79.1	7.3	75.6	7.2	72.1	7	66.7	6.7
	35	32	91.4	7.5	84.5	7.2	79.1	7	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	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
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	

Table 128 —38VMA096RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	48.2	6.3	48.0	6.6	47.9	6.9	47.8	7.1	47.7	7.3	47.5	7.6
	-12.6	-13	52.4	6.7	52.2	7	52.1	7.3	52	7.5	51.9	7.7	51.7	7.9
	-9	-9.4	60	7.4	59.8	7.7	59.6	8	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	67.5	8.4	67.3	8.7	64.8	8.6	61.8	8.4	57.2	8
	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	64.8	7.8	61.8	7.6	57.2	7.3
	13	12	78.4	8.2	72.4	8	67.8	7.7	64.8	7.5	61.8	7.4	57.2	7
	15	14	78.4	8	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	61.8	6.8	57.2	6.5
	26	24	78.4	7.2	72.4	7	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	64.8	4.9	61.8	4.8	57.2	4.6
	54	50	78.4	5.1	72.4	5	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	
50	-14.5	-15	48.0	6.7	47.8	6.9	47.7	7.4	47.6	7.8	47.5	8.1	47.3	7.8
	-12.6	-13	52.2	7	52	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	56.5	7.9	54	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	7.5	51.5	7.4	47.7	7.1
	-1.84	-2.2	65.3	8	60.3	7.8	56.5	7.6	54	7.4	51.5	7.3	47.7	7
	5.5	5	65.3	7.5	60.3	7.3	56.5	7.1	54	7	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	6.7	51.5	6.6	47.7	6.3
	13	12	65.3	7	60.3	6.8	56.5	6.6	54	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	6.4	51.5	6.2	47.7	6
	17	15.5	65.3	6.8	60.3	6.6	56.5	6.4	54	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	6.1	51.5	6	47.7	5.7
	22	20	65.3	6.5	60.3	6.3	56.5	6.1	54	6	51.5	5.9	47.7	5.6
	26	24	65.3	6.2	60.3	6	56.5	5.9	54	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	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	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	5	51.5	4.9	47.7	4.7
	44	40	65.3	5.1	60.3	4.9	56.5	4.8	54	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	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	4.3	51.5	4.2	47.7	4
	54	50	65.3	4.4	60.3	4.3	56.5	4.1	54	4.1	51.5	4	47.7	3.8
57	53	65.3	4.2	60.3	4.1	56.5	4	54	3.9	51.5	3.8	47.7	3.6	
60	56	65.3	4	60.3	3.9	56.5	3.8	54	3.7	51.5	3.6	47.7	3.4	

Tc: Total Capacity PI: Power Input

Table 129 —38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	50.2	4.7	50.1	5.0	49.8	5.2	49.8	5.3	49.7	5.4	49.5	5.6
	-12.6	-13	54.6	5	54.4	5.3	54.2	5.5	54.1	5.6	54	5.7	53.8	5.9
	-9	-9.4	62.5	5.5	62.2	5.8	62.1	6	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	70.3	6.3	70.1	6.5	69.9	6.7	69.8	6.8	69.6	7
	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
	13	12	92.7	7	92.3	7.4	92	7.6	91.9	7.8	91.7	8	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	7.6	97.7	7.9	97.5	8	97.3	8.2	97	8.5
	19	18	102.4	7.3	102	7.7	101.7	8	101.5	8.2	101.3	8.4	101	8.7
	22	20	105.7	7.4	105.3	7.8	105	8.1	104.8	8.3	104.6	8.5	104.2	8.8
	26	24	112.4	7.6	112	8	111.6	8.3	111.4	8.5	111.2	8.7	110.8	9
	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	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	8	132.5	8.4	132.1	8.8	128.3	8.7	122.4	8.4	113.3	8
	44	40	140.1	8.1	139.5	8.5	134.2	8.5	128.3	8.2	122.4	8	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	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	-14.5	-15	50.0	5.0	49.9	5.3	49.7	5.5	49.6	5.7	49.5	5.8	49.3	6.0
	-12.6	-13	54.4	5.3	54.2	5.6	54	5.8	53.9	6	53.8	6.1	53.6	6.3
	-9	-9.4	62.3	5.9	62	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	6.9	66.9	7.1	66.7	7.3
	-1.84	-2.2	70.3	6.3	70	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	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	8	85.9	8.2	85.6	8.5
	13	12	92.4	7.4	92	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	94.9	8.3	94.7	8.5	94.5	8.7	94.2	9
	17	15.5	98	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	8.1	111.5	8.6	111.2	8.9	111	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	9.4	112.9	9
	39	36	132.5	8.5	132	9	131.6	9.3	127.8	9.2	122	9	112.9	8.5
	44	40	139.6	8.6	139	9	133.7	9	127.8	8.8	122	8.5	112.9	8.1
	47	43	144.9	8.6	142.8	9	133.7	8.6	127.8	8.4	122	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	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	7.3	112.9	7
57	53	154.6	8	142.8	7.7	133.7	7.4	127.8	7.2	122	7	112.9	6.6	
60	56	154.6	7.6	142.8	7.3	133.7	7	127.8	6.8	122	6.6	112.9	6.3	
130	-14.5	-15	49.9	5.4	49.7	5.7	49.5	5.9	49.4	6.0	49.3	6.2	49.1	6.3
	-12.6	-13	54.2	5.7	54	6	53.8	6.2	53.7	6.3	53.6	6.5	53.4	6.7
	-9	-9.4	62	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
	5.5	5	81	7.4	80.7	7.7	80.5	8	80.3	8.2	80.1	8.4	79.9	8.7
	9.5	8.5	86.5	7.6	86.2	8	85.9	8.3	85.7	8.5	85.5	8.7	85.3	9
	13	12	92	7.9	91.7	8.3	91.4	8.6	91.2	8.8	91	9	90.7	9.3
	15	14	95.2	8	94.9	8.5	94.6	8.8	94.4	9	94.2	9.2	93.9	9.5
	17	15.5	97.6	8.1	97.3	8.6	97	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	9.1	100.8	9.3	100.6	9.5	100.3	9.8
	22	20	105	8.4	104.6	8.8	104.2	9.2	104	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	10.2
	30	28	118.3	8.8	117.8	9.3	117.5	9.6	117.2	9.8	117	10.1	112.5	10
	35	32	125.1	8.9	124.6	9.4	124.2	9.8	124	10	121.5	10	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
	44	40	139.1	9.1	138.5	9.6	133.2	9.5	127.4	9.3	121.5	9	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	133.2	8.6	127.4	8.4	121.5	8.2	112.5	7.8
	54	50	154	8.9	142.3	8.5	133.2	8.2	127.4	8	121.5	7.8	112.5	7.4
57	53	154	8.5	142.3	8.1	133.2	7.8	127.4	7.6	121.5	7.4	112.5	7	
60	56	154	8	142.3	7.7	133.2	7.5	127.4	7.3	121.5	7	112.5	6.7	

Table 129 —38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	49.7	5.7	49.5	6.0	49.3	6.1	49.2	6.4	49.1	6.4	48.9	6.7
	-12.6	-13	54	6	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	8.1	68.8	8.4
	5.5	5	80.8	7.8	80.4	8.2	80.2	8.5	80	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	85.2	9.2	85	9.5
	13	12	91.7	8.3	91.3	8.8	91	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	9.5	93.8	9.7	93.5	10
	17	15.5	97.3	8.6	96.9	9	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	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	10.4	109.6	10.8
	30	28	117.9	9.3	117.4	9.8	117	10.1	116.8	10.4	116.6	10.6	112	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	10
	39	36	131.6	9.6	131	10.1	130.6	10.4	126.9	10.4	121.1	10.1	112	9.6
	44	40	138.6	9.6	138	10.1	132.8	10.1	126.9	9.8	121.1	9.5	112	9.1
	47	43	143.9	9.7	141.8	10	132.8	9.7	126.9	9.4	121.1	9.1	112	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	8.2
	54	50	153.5	9.4	141.8	9	132.8	8.7	126.9	8.5	121.1	8.2	112	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	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	7.1	
110	-14.5	-15	49.5	6.0	49.3	6.2	49.1	6.5	49.0	6.6	48.9	6.8	48.9	7.1
	-12.6	-13	53.8	6.3	53.6	6.6	53.4	6.9	53.3	7	53.2	7.2	53.1	7.5
	-9	-9.4	61.6	6.9	61.3	7.3	61.2	7.6	61	7.7	60.9	7.9	60.7	8.2
	-3.64	-4	66.9	7.3	66.6	7.7	66.4	8	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
	13	12	91.4	8.8	91	9.2	90.7	9.6	90.5	9.8	90.4	10	90.1	10.4
	15	14	94.5	8.9	94.2	9.4	93.9	9.8	93.7	10	93.5	10.2	93.2	10.6
	17	15.5	96.9	9	96.5	9.5	96.2	9.9	96.1	10.1	95.9	10.3	95.6	10.7
	19	18	101	9.2	100.6	9.7	100.2	10.1	100	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	10.5	109.8	10.7	109.5	11	109.2	11.3
	30	28	117.4	9.8	117	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	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	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	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	-14.5	-15	49.3	6.2	49.1	6.7	48.9	6.8	48.8	7.0	48.7	7.2	48.7	7.4
	-12.6	-13	53.6	6.6	53.4	7	53.2	7.2	53.1	7.4	53	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	8.6	65.9	8.8	65.7	9.1
	-1.84	-2.2	69.3	7.9	69	8.3	68.8	8.6	68.7	8.8	68.5	9	68.3	9.3
	5.5	5	80.2	8.6	79.8	9	79.6	9.4	79.4	9.6	79.3	9.8	79	10.2
	9.5	8.5	85.6	8.9	85.2	9.4	84.9	9.7	84.8	10	84.6	10.2	84.3	10.6
	13	12	91	9.2	90.7	9.7	90.4	10.1	90.2	10.3	90	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	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	102.7	11.2	102.4	11.6
	26	24	110.4	10.1	109.9	10.6	109.6	11	109.4	11.3	109.1	11.5	108.8	11.9
	30	28	117	10.3	116.5	10.8	116.2	11.2	116	11.5	115.7	11.7	111.2	11.7
	35	32	123.8	10.4	123.3	11	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	11.4	120.2	11.1	111.2	10.6
	44	40	137.6	10.6	137	11.2	131.8	11.1	126	10.9	120.2	10.5	111.2	10
	47	43	142.8	10.7	140.8	11.1	131.8	10.7	126	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	9.8	120.2	9.5	111.2	9.1
	54	50	152.4	10.4	140.8	10	131.8	9.6	126	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	8.9	120.2	8.7	111.2	8.2	
60	56	152.4	9.4	140.8	9	131.8	8.7	126	8.5	120.2	8.2	111.2	7.8	

Table 129 —38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	49.1	6.5	48.9	6.9	48.7	7.2	48.6	7.4	48.5	7.5	48.5	7.8
	-12.6	-13	53.4	6.9	53.2	7.3	53	7.6	52.9	7.8	52.8	7.9	52.7	8.2
	-9	-9.4	61.1	7.6	60.9	8	60.7	8.3	60.6	8.5	60.5	8.7	60.3	9
	-3.64	-4	66.4	8	66.1	8.5	65.9	8.8	65.8	9	65.7	9.2	65.5	9.5
	-1.84	-2.2	69	8.2	68.8	8.7	68.6	9	68.4	9.2	68.3	9.4	68.1	9.7
	5.5	5	79.9	9	79.5	9.5	79.3	9.8	79.1	10.1	79	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	11.1
	13	12	90.7	9.7	90.3	10.2	90	10.5	89.9	10.8	89.7	11	89.4	11.4
	15	14	93.8	9.8	93.5	10.3	93.2	10.7	93	11	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
	22	20	103.4	10.3	103	10.8	102.7	11.2	102.5	11.5	102.3	11.8	100.1	11.9
	26	24	110	10.5	109.5	11.1	109.2	11.5	109	11.8	108.2	12	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	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	113.4	9.7	108.2	9.4	100.1	9
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	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	-14.5	-15	48.9	6.8	48.7	7.2	48.5	7.5	48.4	7.7	48.4	7.9	48.3	8.2
	-12.6	-13	53.2	7.2	53	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	9.8	67.8	10.2
	5.5	5	79.6	9.4	79.3	9.9	79	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	11.2	83.7	11.5
	13	12	90.4	10.1	90	10.6	89.7	11	89.5	11.3	89.4	11.5	89	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	11.7
	17	15.5	95.9	10.4	95.5	10.9	95.2	11.4	95	11.6	94.8	11.9	89	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	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	11
	26	24	109.6	11	109.1	11.6	105.4	11.6	100.8	11.3	96.2	11	89	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	10
	35	32	121.9	11.3	112.6	10.9	105.4	10.6	100.8	10.3	96.2	10	89	9.6
	39	36	121.9	10.8	112.6	10.4	105.4	10	100.8	9.8	96.2	9.5	89	9.1
	44	40	121.9	10.2	112.6	9.9	105.4	9.5	100.8	9.3	96.2	9	89	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	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	7.8	
54	50	121.9	8.8	112.6	8.5	105.4	8.2	100.8	8	96.2	7.8	89	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	7.1	
60	56	121.9	8	112.6	7.7	105.4	7.4	100.8	7.3	96.2	7.1	89	6.7	
70	-14.5	-15	48.7	7.2	48.6	7.6	48.3	7.9	48.3	8.1	48.2	8.1	48.1	8.4
	-12.6	-13	53	7.6	52.8	8	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	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	65	10.4
	-1.84	-2.2	68.5	9	68.3	9.4	68	9.8	67.9	10	67.8	10.3	67.6	10.6
	5.5	5	79.3	9.8	79	10.3	78.7	10.7	78.6	11	78.4	11.2	77.9	11.6
	9.5	8.5	84.6	10.2	84.3	10.7	84	11.1	83.8	11.4	83.7	11.6	77.9	11.2
	13	12	90	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	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	88.2	10.7	84.1	10.4	77.9	10
	26	24	106.7	11.2	98.5	10.8	92.3	10.5	88.2	10.2	84.1	10	77.9	9.5
	30	28	106.7	10.7	98.5	10.3	92.3	10	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	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	

Table 129 —38VMA120RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	48.5	7.5	48.4	7.9	48.3	8.2	48.1	8.4	48.0	8.5	47.9	8.8
	-12.6	-13	52.8	7.9	52.6	8.3	52.5	8.6	52.3	8.8	52.2	9	52.1	9.3
	-9	-9.4	60.5	8.6	60.2	9.1	60	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	9.8	67.8	10.2	67.7	10.4	67.5	10.7	66.7	11
	5.5	5	79	10.2	78.7	10.7	78.4	11.1	75.6	11	72.1	10.7	66.7	10.3
	9.5	8.5	84.3	10.6	84	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	66.7	9.6
	15	14	91.4	11	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
	22	20	91.4	10.3	84.5	10	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	84.5	8.7	79.1	8.4	75.6	8.3	72.1	8	66.7	7.7
	39	36	91.4	8.5	84.5	8.3	79.1	8	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	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	84.5	6.8	79.1	6.6	75.6	6.4	72.1	6.3	66.7	6
57	53	91.4	6.6	84.5	6.4	79.1	6.3	75.6	6.1	72.1	6	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	-14.5	-15	48.4	7.8	48.2	8.2	48.1	8.4	47.9	8.6	47.8	8.8	47.7	9.2
	-12.6	-13	52.6	8.2	52.4	8.6	52.3	8.9	52.1	9.1	52	9.3	51.9	9.7
	-9	-9.4	60.2	9	60	9.4	59.8	9.8	59.7	10	59.6	10.2	55.6	9.9
	-3.64	-4	65.4	9.5	65.1	9.9	64.9	10.3	63	10.3	60.1	10	55.6	9.6
	-1.84	-2.2	68	9.7	67.8	10.2	65.9	10.3	63	10.1	60.1	9.9	55.6	9.5
	5.5	5	76.2	10.2	70.4	10	65.9	9.7	63	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	9.2	60.1	9	55.6	8.6
	13	12	76.2	9.6	70.4	9.3	65.9	9.1	63	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	8.7	60.1	8.5	55.6	8.1
	17	15.5	76.2	9.2	70.4	9	65.9	8.7	63	8.6	60.1	8.4	55.6	8
	19	18	76.2	9	70.4	8.8	65.9	8.5	63	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	8.2	60.1	8	55.6	7.7
	26	24	76.2	8.4	70.4	8.2	65.9	8	63	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	7.5	60.1	7.3	55.6	7
	35	32	76.2	7.7	70.4	7.5	65.9	7.3	63	7.1	60.1	7	55.6	6.7
	39	36	76.2	7.3	70.4	7.1	65.9	6.9	63	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	6.4	60.1	6.3	55.6	6
	47	43	76.2	6.6	70.4	6.5	65.9	6.3	63	6.2	60.1	6	55.6	5.8
	51	47	76.2	6.3	70.4	6.1	65.9	5.9	63	5.8	60.1	5.7	55.6	5.4
	54	50	76.2	6	70.4	5.8	65.9	5.7	63	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	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	5	60.1	4.9	55.6	4.7	

Tc: Total Capacity PI: Power Input

Table 130 —38VMA144RDL5-1 (RDL6-1)

Combination	Indoor air temp. °FDB													
	Outdoor		61.0		65.0		68.0		70.0		72.0		75.0	
	°FDB	*FWB	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW
150	-14.5	-15	102.2	9.0	101.7	9.4	101.4	9.6	101.1	9.8	100.9	10.2	100.5	10.4
	-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	-14.5	-15	101.7	9.5	101.3	10.0	100.9	10.2	100.8	10.3	100.4	10.7	100.2	10.9
	-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	-14.5	-15	101.3	10.1	100.8	10.3	100.6	10.7	100.3	10.9	100.1	11.2	99.7	11.5
	-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	

Table 130 —38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor		Indoor air temp. °FDB											
			61.0		65.0		68.0		70.0		72.0		75.0	
	°FDB	*FWB	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW
120	-14.5	-15	100.8	10.5	100.5	10.9	100.1	11.3	99.9	11.5	99.7	11.8	99.3	12.2
	-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	151.8	16.1
	9.5	8.5	163.5	14.4	162.8	15.1	162.2	15.6	161.4	15.9	161.0	16.3	160.6	16.7
	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	-14.5	-15	100.5	10.9	100.0	11.5	99.7	11.9	99.4	12.1	99.2	12.4	99.0	12.8
	-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	151.3	16.7
	9.5	8.5	162.8	15.1	162.1	15.8	161.6	16.3	160.8	16.6	160.5	16.9	160.2	17.2
	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	-14.5	-15	100.0	11.5	99.6	12.0	99.2	12.4	99.1	12.7	98.9	13.0	98.5	13.3
	-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	150.6	17.5
	9.5	8.5	162.1	15.8	161.4	16.5	160.9	17.1	160.0	17.4	159.6	17.8	159.3	18.1
	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	

Table 130 —38VMA144RDL5-1 (RDL6-1)

Combination	Indoor air temp. °FDB													
	Outdoor		61.0		65.0		68.0		70.0		72.0		75.0	
	%	°FDB	°FWB	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH
90	-14.5	-15	99.6	12.0	99.1	12.6	98.9	13.0	98.6	13.3	98.4	13.5	98.1	13.9
	-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	-14.5	-15	99.1	12.5	98.8	13.1	98.4	13.6	98.2	13.8	98.1	14.1	98.0	14.5
	-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	-14.5	-15	98.8	13.0	98.3	13.5	98.0	14.1	97.8	14.4	97.6	14.7	97.5	15.0
	-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	

Table 130 —38VMA144RDL5-1 (RDL6-1)

Combination	Outdoor		Indoor air temp. °FDB											
			61.0		65.0		68.0		70.0		72.0		75.0	
	°FDB	°FWB	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW
60	-14.5	-15	99.6	13.6	98.0	13.9	97.4	14.3	96.0	14.5	91.6	14.7	84.8	15.6
	-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	-14.5	-15	96.7	13.7	89.4	13.3	83.7	12.9	80.0	12.6	76.3	12.3	70.6	11.9
	-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 131 —38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	102.7	9.6	102.2	10.0	101.8	10.4	101.6	10.5	101.4	10.7	101.0	11.1
	-12.6	-13	110.1	10	109.6	10.4	109.2	10.8	109	11	108.8	11.2	108.4	11.6
	-9	-9.4	123.5	10.7	123	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	136.4	12.4	136.1	12.7	135.8	12.9	135.4	13.3
	5.5	5	156.6	12.4	156	13	155.5	13.4	155.1	13.7	154.8	14	154.3	14.4
	9.5	8.5	166.2	12.8	165.5	13.4	165	13.9	164.6	14.2	164.3	14.4	163.7	14.9
	13	12	176	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	13.6	185.2	14.2	184.6	14.7	184.2	15	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
	22	20	199	14	198.2	14.7	197.5	15.1	192.1	15	183.2	14.5	169.6	13.7
	26	24	210.9	14.3	210	15	200.9	14.7	192.1	14.3	183.2	13.8	169.6	13
	30	28	223	14.6	214.6	14.6	200.9	14	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	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	183.2	10.6	169.6	10
	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	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	192.1	8.7	183.2	8.4	169.6	7.9	
140	-14.5	-15	102.2	10.0	101.7	10.5	101.4	10.9	101.1	11.0	100.9	11.4	100.5	11.8
	-12.6	-13	109.6	10.5	109.1	11	108.8	11.4	108.5	11.6	108.3	11.9	107.9	12.3
	-9	-9.4	123	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	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	15	163.6	15.3	163.1	15.8
	13	12	175.3	14	174.5	14.6	174	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	168.9	15.5
	17	15.5	185.2	14.4	184.4	15	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	191.3	15.8	182.5	15.3	168.9	14.5
	26	24	210	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	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	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	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	-14.5	-15	101.7	10.6	101.3	11.1	100.9	11.4	100.8	11.8	100.6	11.9	100.2	12.3
	-12.6	-13	109.1	11.1	108.7	11.6	108.3	12	108.1	12.3	107.9	12.5	107.5	12.9
	-9	-9.4	122.5	12	122	12.5	121.6	13	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	14.2	134.7	14.4	134.3	14.9
	5.5	5	155.3	13.9	154.7	14.5	154.2	15	153.8	15.3	153.5	15.6	153	16.1
	9.5	8.5	164.9	14.3	164.2	15	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	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	16.4	182.7	16.7	181.7	17	168.2	16.1
	19	18	191.6	15.4	190.8	16.1	190.2	16.7	189.7	17	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	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	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	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	212.8	10.5	199.3	10	190.5	9.7	181.7	9.4	168.2	8.9	

Table 131 —38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor		Indoor air temp. °FDB											
			61		65		68		70		72		75	
	°FDB	°FWB	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW
120	-14.5	-15	101.3	11.2	100.8	11.6	100.6	12.2	100.3	12.3	100.1	12.6	99.8	13.0
	-12.6	-13	108.7	11.7	108.2	12.2	107.9	12.7	107.6	12.9	107.4	13.2	107.1	13.6
	-9	-9.4	122	12.6	121.5	13.2	121.1	13.6	120.8	13.9	120.6	14.2	120.2	14.6
	-3.64	-4	131.1	13.2	130.6	13.8	130.1	14.3	129.9	14.6	129.6	14.9	129.1	15.3
	-1.84	-2.2	135.7	13.5	135.2	14.1	134.7	14.6	134.4	14.9	134.1	15.2	133.7	15.7
	5.5	5	154.7	14.6	154	15.2	153.5	15.7	153.2	16.1	152.9	16.4	152.4	16.9
	9.5	8.5	164.2	15	163.5	15.7	162.9	16.3	162.6	16.6	162.2	16.9	161.7	17.5
	13	12	173.8	15.5	173.1	16.2	172.5	16.8	172.2	17.1	171.8	17.5	171.5	17.5
	15	14	179.4	15.8	178.7	16.5	178.1	17	177.7	17.4	177.3	17.7	176.9	17.2
	17	15.5	183.7	15.9	182.9	16.7	182.3	17.2	181.9	17.6	181	17.9	180.5	16.9
	19	18	190.8	16.2	190	17	189.4	17.5	189	17.9	188.5	18.2	188	17.5
	22	20	196.6	16.4	195.7	17.2	195.1	17.8	194.7	18.1	194.3	18.4	193.9	17.8
	26	24	208.3	16.8	207.4	17.6	206.5	18.4	205.7	18.9	205.3	19.2	204.9	18.5
	30	28	220.2	17.1	219.9	17.2	219.4	17.2	218.9	17.2	218.4	17.2	217.9	17.2
	35	32	229.4	17.1	229.4	17.1	229.4	17.1	229.4	17.1	229.4	17.1	229.4	17.1
	39	36	229.4	16.2	229.4	16.2	229.4	16.2	229.4	16.2	229.4	16.2	229.4	16.2
	44	40	229.4	15.2	229.4	15.2	229.4	15.2	229.4	15.2	229.4	15.2	229.4	15.2
	47	43	229.4	14.6	229.4	14.6	229.4	14.6	229.4	14.6	229.4	14.6	229.4	14.6
	51	47	229.4	13.6	229.4	13.6	229.4	13.6	229.4	13.6	229.4	13.6	229.4	13.6
	54	50	229.4	12.9	229.4	12.9	229.4	12.9	229.4	12.9	229.4	12.9	229.4	12.9
57	53	229.4	12.2	229.4	12.2	229.4	12.2	229.4	12.2	229.4	12.2	229.4	12.2	
60	56	229.4	11.5	229.4	11.5	229.4	11.5	229.4	11.5	229.4	11.5	229.4	11.5	
110	-14.5	-15	100.8	11.8	100.5	12.2	100.1	12.7	99.9	13.0	99.7	13.2	99.3	13.7
	-12.6	-13	108.2	12.3	107.8	12.8	107.4	13.3	107.2	13.6	107	13.8	106.6	14.3
	-9	-9.4	121.5	13.2	121	13.8	120.6	14.3	120.3	14.6	120.1	14.9	119.7	15.4
	-3.64	-4	130.6	13.8	130	14.5	129.6	15	129.3	15.3	129	15.6	128.6	16.1
	-1.84	-2.2	135.2	14.1	134.6	14.8	134.2	15.3	133.9	15.6	133.6	15.9	133.1	16.4
	5.5	5	154.1	15.3	153.4	16	152.9	16.5	152.6	16.8	152.2	17.2	151.7	17.7
	9.5	8.5	163.5	15.8	162.8	16.5	162.3	17.1	161.9	17.4	161.6	17.8	161	18.3
	13	12	173.1	16.3	172.4	17	171.8	17.6	171.4	17.9	171.1	18.3	170.8	18.4
	15	14	178.7	16.5	177.9	17.3	177.3	17.8	177	18.2	176.6	18.6	176.8	18
	17	15.5	182.9	16.7	182.1	17.5	181.5	18	181.1	18.4	180.2	18.7	180.2	17.7
	19	18	190	17	189.2	17.8	188.6	18.4	188.2	18.7	188.2	18.8	188.2	17.2
	22	20	195.7	17.2	194.9	18	194.3	18.6	193.9	18.8	193.9	19.1	193.5	18.5
	26	24	207.4	17.6	206.5	18.4	205.7	19.2	205.3	19.5	204.9	19.8	204.5	18.8
	30	28	219.3	17.9	219	18	218.6	18.9	218.2	19.1	217.8	19.3	217.4	18.8
	35	32	228.4	17.9	228.4	17.9	228.4	17.9	228.4	17.9	228.4	17.9	228.4	17.9
	39	36	228.4	16.9	228.4	16.9	228.4	16.9	228.4	16.9	228.4	16.9	228.4	16.9
	44	40	228.4	16	228.4	16	228.4	16	228.4	16	228.4	16	228.4	16
	47	43	228.4	15.2	228.4	15.2	228.4	15.2	228.4	15.2	228.4	15.2	228.4	15.2
	51	47	228.4	14.3	228.4	14.3	228.4	14.3	228.4	14.3	228.4	14.3	228.4	14.3
	54	50	228.4	13.5	228.4	13.5	228.4	13.5	228.4	13.5	228.4	13.5	228.4	13.5
57	53	228.4	12.8	228.4	12.8	228.4	12.8	228.4	12.8	228.4	12.8	228.4	12.8	
60	56	228.4	12.1	228.4	12.1	228.4	12.1	228.4	12.1	228.4	12.1	228.4	12.1	
100	-14.5	-15	100.5	12.2	100.0	12.8	99.7	13.3	99.4	13.6	99.2	13.9	99.0	14.2
	-12.6	-13	107.8	12.8	107.3	13.4	107	13.9	106.7	14.2	106.5	14.5	106.2	14.9
	-9	-9.4	121	13.8	120.5	14.5	120.1	15	119.8	15.3	119.6	15.6	119.2	16.1
	-3.64	-4	130	14.5	129.5	15.1	129	15.6	128.8	16	128.5	16.3	128.1	16.8
	-1.84	-2.2	134.6	14.8	134	15.5	133.6	16	133.3	16.3	133	16.6	132.6	17.2
	5.5	5	153.4	16	152.8	16.7	152.2	17.3	151.9	17.6	151.6	18	151.1	18.5
	9.5	8.5	162.8	16.5	162.1	17.2	161.6	17.8	161.2	18.2	160.9	18.6	160.4	19.1
	13	12	172.4	17	171.7	17.8	171.1	18.4	170.7	18.7	170.4	19.1	170	19.2
	15	14	177.9	17.3	177.2	18.1	176.6	18.7	176.2	19	175.8	19.4	175.4	18.8
	17	15.5	182.1	17.5	181.4	18.3	180.8	18.9	180.4	19.3	180	19.6	179.6	18.5
	19	18	189.2	17.8	188.4	18.6	187.8	19.2	187.4	19.6	187	19.9	186.6	18
	22	20	194.9	18	194.1	18.8	193.5	19.4	193	19.8	192.6	20.1	192.2	17.6
	26	24	206.5	18.4	205.7	19.2	205.3	19.5	204.9	19.8	204.5	20.1	204.1	16.7
	30	28	218.4	18.8	218	19.4	217.6	20	217.2	20.3	216.8	20.6	216.4	15.9
	35	32	227.3	18.7	227	19.3	226.6	19.9	226.2	20.2	225.8	20.5	225.4	15.1
	39	36	227.3	17.7	227	18.3	226.6	18.9	226.2	19.2	225.8	19.5	225.4	14.3
	44	40	227.3	16.7	227	17.3	226.6	17.9	226.2	18.2	225.8	18.5	225.4	13.5
	47	43	227.3	15.9	227	16.5	226.6	17.1	226.2	17.4	225.8	17.7	225.4	12.9
	51	47	227.3	14.9	227	15.5	226.6	16.1	226.2	16.4	225.8	16.7	225.4	12
	54	50	227.3	14.1	227	14.7	226.6	15.3	226.2	15.6	225.8	15.9	225.4	11.4
57	53	227.3	13.4	227	13.9	226.6	14.5	226.2	14.8	225.8	15.1	225.4	10.8	
60	56	227.3	12.6	227	13.1	226.6	13.7	226.2	14	225.8	14.3	225.4	10.2	

Table 131 —38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	100.0	12.8	99.6	13.4	99.2	13.9	99.1	14.2	98.9	14.4	98.5	14.9
	-12.6	-13	107.3	13.4	106.9	14	106.5	14.5	106.3	14.8	106.1	15.1	105.7	15.6
	-9	-9.4	120.5	14.4	120	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	127.5	17.5
	-1.84	-2.2	134	15.4	133.5	16.1	133	16.7	132.7	17	132.5	17.4	132	17.9
	5.5	5	152.8	16.6	152.1	17.4	151.6	18	151.3	18.4	151	18.7	149.4	19.2
	9.5	8.5	162.1	17.2	161.4	18	160.9	18.6	160.6	19	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	176.4	18.8	175.8	19.5	169.2	19	161.4	18.4	149.4	17.5
	17	15.5	181.4	18.2	180.6	19	177	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	18.8	169.2	18.2	161.4	17.6	149.4	16.7
	22	20	194.1	18.8	189	19.1	177	18.3	169.2	17.8	161.4	17.2	149.4	16.3
	26	24	204.6	19.1	189	18.2	177	17.5	169.2	17	161.4	16.4	149.4	15.6
	30	28	204.6	18.1	189	17.3	177	16.6	169.2	16.1	161.4	15.6	149.4	14.8
	35	32	204.6	17.2	189	16.4	177	15.8	169.2	15.3	161.4	14.8	149.4	14
	39	36	204.6	16.3	189	15.5	177	14.9	169.2	14.5	161.4	14	149.4	13.3
	44	40	204.6	15.3	189	14.6	177	14.1	169.2	13.6	161.4	13.2	149.4	12.5
	47	43	204.6	14.6	189	14	177	13.4	169.2	13	161.4	12.6	149.4	11.9
	51	47	204.6	13.7	189	13.1	177	12.6	169.2	12.2	161.4	11.8	149.4	11.2
	54	50	204.6	13	189	12.4	177	11.9	169.2	11.6	161.4	11.2	149.4	10.6
57	53	204.6	12.3	189	11.8	177	11.3	169.2	10.9	161.4	10.6	149.4	10	
60	56	204.6	11.6	189	11.1	177	10.6	169.2	10.3	161.4	10	149.4	9.5	
80	-14.5	-15	99.6	13.3	99.1	14.0	98.9	14.5	98.6	14.7	98.4	15.0	98.1	15.5
	-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	15	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	17	127.7	17.3	127.4	17.7	127	18.3
	-1.84	-2.2	133.5	16	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	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	150.4	18.4	143.5	17.9	132.8	17
	13	12	170.9	18.4	168	19	157.3	18.3	150.4	17.8	143.5	17.2	132.8	16.4
	15	14	176.4	18.7	168	18.6	157.3	17.9	150.4	17.4	143.5	16.9	132.8	16
	17	15.5	180.6	18.9	168	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	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	17.4	157.3	16.7	150.4	16.3	143.5	15.8	132.8	15
	26	24	181.9	17.3	168	16.6	157.3	15.9	150.4	15.5	143.5	15	132.8	14.3
	30	28	181.9	16.5	168	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	14.9	157.3	14.4	150.4	14	143.5	13.6	132.8	12.9
	39	36	181.9	14.8	168	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	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	12.7	157.3	12.2	150.4	11.9	143.5	11.5	132.8	11
	51	47	181.9	12.4	168	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	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	10.7	157.3	10.3	150.4	10	143.5	9.7	132.8	9.2	
60	56	181.9	10.5	168	10.1	157.3	9.7	150.4	9.4	143.5	9.2	132.8	8.7	
70	-14.5	-15	99.1	13.9	98.8	14.6	98.4	15.0	98.2	15.3	98.1	15.6	97.8	16.3
	-12.6	-13	106.4	14.5	106	15.2	105.6	15.7	105.4	16	105.2	16.3	104.8	16.9
	-9	-9.4	119.5	15.6	119	16.3	118.6	16.9	118.3	17.2	118	17.6	116.2	17.9
	-3.64	-4	128.4	16.3	127.8	17.1	127.4	17.7	127.1	18	125.5	18.2	116.2	17.3
	-1.84	-2.2	132.9	16.7	132.3	17.4	131.9	18	131.6	18.4	125.5	17.9	116.2	17
	5.5	5	151.5	18	147	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	17.7	137.7	17	131.6	16.6	125.5	16.1	116.2	15.4
	13	12	159.1	17.7	147	17	137.7	16.4	131.6	16	125.5	15.5	116.2	14.8
	15	14	159.1	17.3	147	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	16.4	137.7	15.8	131.6	15.4	125.5	15	116.2	14.3
	19	18	159.1	16.6	147	15.9	137.7	15.4	131.6	15	125.5	14.5	116.2	13.9
	22	20	159.1	16.2	147	15.6	137.7	15	131.6	14.6	125.5	14.2	116.2	13.5
	26	24	159.1	15.5	147	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	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	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	12.7	137.7	12.2	131.6	11.9	125.5	11.6	116.2	11
	44	40	159.1	12.4	147	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	11.4	137.7	11	131.6	10.7	125.5	10.4	116.2	9.9
	51	47	159.1	11.1	147	10.7	137.7	10.3	131.6	10	125.5	9.7	116.2	9.3
	54	50	159.1	10.5	147	10.1	137.7	9.8	131.6	9.5	125.5	9.2	116.2	8.8
57	53	159.1	10	147	9.6	137.7	9.2	131.6	9	125.5	8.8	116.2	8.3	
60	56	159.1	9.4	147	9	137.7	8.7	131.6	8.5	125.5	8.3	116.2	7.9	

Table 131 —38VMA168RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	98.8	14.3	98.3	15.0	98.1	15.6	97.9	16.3	97.8	17.2	97.5	17.1
	-12.6	-13	106	15	105.5	15.7	105.2	16.3	104.9	16.6	104.7	17	99.6	16.7
	-9	-9.4	118.9	16.2	118.4	16.9	118	17.5	112.8	17.1	107.6	16.6	99.6	15.9
	-3.64	-4	127.8	16.9	126	17.5	118	16.9	112.8	16.5	107.6	16.1	99.6	15.4
	-1.84	-2.2	132.3	17.3	126	17.2	118	16.7	112.8	16.3	107.6	15.9	99.6	15.2
	5.5	5	136.4	16.7	126	16.1	118	15.6	112.8	15.2	107.6	14.8	99.6	14.1
	9.5	8.5	136.4	16.1	126	15.5	118	15	112.8	14.7	107.6	14.3	99.6	13.7
	13	12	136.4	15.5	126	15	118	14.5	112.8	14.1	107.6	13.8	99.6	13.2
	15	14	136.4	15.2	126	14.7	118	14.2	112.8	13.8	107.6	13.5	99.6	12.9
	17	15.5	136.4	14.9	126	14.4	118	13.9	112.8	13.6	107.6	13.3	99.6	12.7
	19	18	136.4	14.5	126	14	118	13.6	112.8	13.2	107.6	12.9	99.6	12.3
	22	20	136.4	14.2	126	13.7	118	13.2	112.8	12.9	107.6	12.6	99.6	12
	26	24	136.4	13.5	126	13.1	118	12.6	112.8	12.3	107.6	12	99.6	11.5
	30	28	136.4	12.9	126	12.4	118	12	112.8	11.7	107.6	11.4	99.6	10.9
	35	32	136.4	12.2	126	11.8	118	11.4	112.8	11.1	107.6	10.8	99.6	10.4
	39	36	136.4	11.6	126	11.1	118	10.8	112.8	10.5	107.6	10.2	99.6	9.8
	44	40	136.4	10.9	126	10.5	118	10.2	112.8	9.9	107.6	9.7	99.6	9.2
	47	43	136.4	10.4	126	10	118	9.7	112.8	9.5	107.6	9.2	99.6	8.8
51	47	136.4	9.7	126	9.4	118	9.1	112.8	8.9	107.6	8.6	99.6	8.3	
54	50	136.4	9.2	126	8.9	118	8.6	112.8	8.4	107.6	8.2	99.6	7.8	
57	53	136.4	8.7	126	8.4	118	8.2	112.8	8	107.6	7.8	99.6	7.4	
60	56	136.4	8.2	126	8	118	7.7	112.8	7.5	107.6	7.3	99.6	7	
50	-14.5	-15	98.5	15.3	98.1	16.7	97.9	16.2	94.0	15.9	89.7	15.5	83.0	14.8
	-12.6	-13	105.5	15.6	105	16.3	98.3	15.8	94	15.5	89.7	15.1	83	14.5
	-9	-9.4	113.7	16.1	105	15.5	98.3	15.1	94	14.8	89.7	14.4	83	13.9
	-3.64	-4	113.7	15.5	105	15.1	98.3	14.6	94	14.3	89.7	14	83	13.4
	-1.84	-2.2	113.7	15.3	105	14.8	98.3	14.4	94	14.1	89.7	13.7	83	13.2
	5.5	5	113.7	14.3	105	13.8	98.3	13.4	94	13.1	89.7	12.8	83	12.3
	9.5	8.5	113.7	13.8	105	13.3	98.3	13	94	12.7	89.7	12.4	83	11.9
	13	12	113.7	13.3	105	12.9	98.3	12.5	94	12.2	89.7	11.9	83	11.5
	15	14	113.7	13	105	12.6	98.3	12.2	94	12	89.7	11.7	83	11.2
	17	15.5	113.7	12.8	105	12.4	98.3	12	94	11.8	89.7	11.5	83	11
	19	18	113.7	12.4	105	12	98.3	11.7	94	11.4	89.7	11.2	83	10.7
	22	20	113.7	12.1	105	11.8	98.3	11.4	94	11.2	89.7	10.9	83	10.5
	26	24	113.7	11.6	105	11.2	98.3	10.9	94	10.7	89.7	10.4	83	10
	30	28	113.7	11	105	10.7	98.3	10.4	94	10.1	89.7	9.9	83	9.5
	35	32	113.7	10.5	105	10.1	98.3	9.8	94	9.6	89.7	9.4	83	9
	39	36	113.7	9.9	105	9.6	98.3	9.3	94	9.1	89.7	8.9	83	8.5
	44	40	113.7	9.3	105	9	98.3	8.8	94	8.6	89.7	8.4	83	8
	47	43	113.7	8.9	105	8.6	98.3	8.4	94	8.2	89.7	8	83	7.7
51	47	113.7	8.3	105	8.1	98.3	7.8	94	7.7	89.7	7.5	83	7.2	
54	50	113.7	7.9	105	7.7	98.3	7.4	94	7.3	89.7	7.1	83	6.8	
57	53	113.7	7.5	105	7.2	98.3	7	94	6.9	89.7	6.7	83	6.5	
60	56	113.7	7.1	105	6.8	98.3	6.6	94	6.5	89.7	6.3	83	6.1	

Tc: Total Capacity PI: Power Input

Table 132 —38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	102.9	10.5	102.7	11.0	102.3	11.3	102.1	11.5	101.8	11.8	101.5	12.2
	-12.6	-13	110.5	10.9	110.1	11.4	109.7	11.8	109.5	12	109	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	123	13.2	122.2	13.6
	-3.64	-4	133.3	12.2	132.8	12.8	132.3	13.2	132	13.5	132	13.8	131.3	14.2
	-1.84	-2.2	138	12.5	137.4	13	137	13.5	136.7	13.8	136	14	136	14.5
	5.5	5	157.3	13.4	156.6	14	156.1	14.5	155.8	14.8	156	15.1	154.9	15.6
	9.5	8.5	167	13.8	166.2	14.5	165.7	14.9	165.3	15.3	165	15.6	164.4	16
	13	12	176.8	14.2	176	14.9	175.4	15.4	175.1	15.7	175	16	174.1	16.5
	15	14	182.5	14.4	181.7	15.1	181.1	15.6	180.7	15.9	180	16.2	179.7	16.7
	17	15.5	186.8	14.6	186	15.2	185.4	15.8	185	16.1	185	16.4	184	16.9
	19	18	194	14.8	193.2	15.5	192.6	16	192.1	16.3	192	16.7	191.1	17.2
	22	20	199.9	15	199	15.7	198.4	16.2	198	16.5	198	16.9	193.9	17.1
	26	24	211.8	15.3	210.9	16	210.2	16.5	209.7	16.9	209	17.2	193.9	16.3
	30	28	223.9	15.6	223	16.3	222.2	16.8	219.7	17	210	16.4	193.9	15.5
	35	32	236.3	15.8	235.3	16.5	229.8	16.6	219.7	16.1	210	15.6	193.9	14.7
	39	36	248.9	15.9	245.4	16.4	229.8	15.7	219.7	15.2	210	14.7	193.9	13.9
	44	40	261.7	16	245.4	15.5	229.8	14.8	219.7	14.4	210	13.9	193.9	13.1
	47	43	265.6	15.5	245.4	14.8	229.8	14.1	219.7	13.7	210	13.2	193.9	12.5
	51	47	265.6	14.5	245.4	13.8	229.8	13.2	219.7	12.8	210	12.4	193.9	11.7
	54	50	265.6	13.8	245.4	13.1	229.8	12.6	219.7	12.2	210	11.8	193.9	11.1
57	53	265.6	13.1	245.4	12.4	229.8	11.9	219.7	11.5	210	11.1	193.9	10.5	
60	56	265.6	12.3	245.4	11.7	229.8	11.2	219.7	10.9	210	10.5	193.9	9.9	
140	-14.5	-15	102.6	11.0	102.2	11.6	101.8	12.0	101.6	12.3	101.4	12.4	101.0	12.8
	-12.6	-13	110.1	11.5	109.6	12.1	109.2	12.5	109	12.8	109	13	108.4	13.4
	-9	-9.4	123.6	12.4	123	13	122.6	13.4	122.4	13.7	122	14	121.7	14.4
	-3.64	-4	132.8	12.9	132.2	13.5	131.8	14	131.5	14.3	131	14.6	130.8	15
	-1.84	-2.2	137.5	13.2	136.9	13.8	136.4	14.3	136.1	14.6	136	14.9	135.4	15.3
	5.5	5	156.7	14.2	156	14.8	155.5	15.3	155.1	15.7	155	16	154.3	16.5
	9.5	8.5	166.3	14.6	165.6	15.3	165	15.8	164.7	16.1	164	16.5	163.8	17
	13	12	176	15	175.3	15.7	174.7	16.3	174.3	16.6	174	16.9	173.4	17.5
	15	14	181.7	15.3	180.9	16	180.3	16.5	180	16.8	180	17.2	179	17.7
	17	15.5	186	15.4	185.2	16.1	184.6	16.7	184.2	17	184	17.4	183.2	17.9
	19	18	193.2	15.7	192.4	16.4	191.8	16.9	191.3	17.3	191	17.6	190.3	18.2
	22	20	199.1	15.9	198.2	16.6	197.6	17.1	197.1	17.5	197	17.9	193.1	18.1
	26	24	210.9	16.2	210	16.9	209.3	17.5	208.9	17.9	208	18.2	193.1	17.2
	30	28	223	16.5	222	17.2	221.3	17.8	218.7	18	209	17.4	193.1	16.4
	35	32	235.3	16.7	234.3	17.4	228.8	17.6	218.7	17	209	16.5	193.1	15.6
	39	36	247.9	16.8	244.4	17.4	228.8	16.6	218.7	16.1	209	15.6	193.1	14.7
	44	40	260.6	16.9	244.4	16.4	228.8	15.7	218.7	15.2	209	14.7	193.1	13.9
	47	43	264.5	16.4	244.4	15.6	228.8	15	218.7	14.5	209	14	193.1	13.2
	51	47	264.5	15.4	244.4	14.6	228.8	14	218.7	13.6	209	13.1	193.1	12.4
	54	50	264.5	14.6	244.4	13.9	228.8	13.3	218.7	12.9	209	12.5	193.1	11.8
57	53	264.5	13.8	244.4	13.1	228.8	12.6	218.7	12.2	209	11.8	193.1	11.1	
60	56	264.5	13	244.4	12.4	228.8	11.9	218.7	11.5	209	11.1	193.1	10.5	
130	-14.5	-15	102.2	11.7	101.7	12.3	101.4	12.7	101.2	13.0	100.9	13.1	100.7	13.6
	-12.6	-13	109.6	12.2	109.1	12.8	108.8	13.2	108.6	13.5	108	13.7	108	14.2
	-9	-9.4	123	13.1	122.5	13.7	122.1	14.1	121.9	14.4	122	14.7	121.2	15.2
	-3.64	-4	132.2	13.6	131.7	14.3	131.2	14.8	131	15.1	131	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	15.7	134.8	16.2
	5.5	5	156	15	155.3	15.7	154.8	16.2	154.5	16.5	154	16.9	153.7	17.4
	9.5	8.5	165.6	15.4	164.9	16.1	164.3	16.7	164	17	164	17.4	163.1	17.9
	13	12	175.3	15.9	174.6	16.6	174	17.2	173.6	17.5	173	17.9	172.7	18.4
	15	14	181	16.1	180.2	16.8	179.6	17.4	179.2	17.8	179	18.1	178.2	18.7
	17	15.5	185.2	16.3	184.4	17	183.8	17.6	183.4	18	183	18.3	182.4	18.9
	19	18	192.4	16.5	191.6	17.3	191	17.9	190.6	18.2	190	18.6	189.5	19.2
	22	20	198.2	16.7	197.4	17.5	196.7	18.1	196.3	18.5	196	18.8	192.3	19.1
	26	24	210	17.1	209.1	17.9	208.5	18.5	208	18.8	208	19.2	192.3	18.2
	30	28	222.1	17.4	221.1	18.2	220.4	18.8	217.8	18.9	208	18.3	192.3	17.3
	35	32	234.3	17.6	233.3	18.4	227.9	18.5	217.8	18	208	17.4	192.3	16.4
	39	36	246.8	17.7	243.4	18.3	227.9	17.5	217.8	17	208	16.4	192.3	15.5
	44	40	259.6	17.8	243.4	17.3	227.9	16.5	217.8	16	208	15.5	192.3	14.6
	47	43	263.4	17.3	243.4	16.5	227.9	15.8	217.8	15.3	208	14.8	192.3	14
	51	47	263.4	16.2	243.4	15.4	227.9	14.8	217.8	14.3	208	13.8	192.3	13.1
	54	50	263.4	15.4	243.4	14.6	227.9	14	217.8	13.6	208	13.1	192.3	12.4
57	53	263.4	14.6	243.4	13.9	227.9	13.3	217.8	12.9	208	12.4	192.3	11.7	
60	56	263.4	13.7	243.4	13.1	227.9	12.5	217.8	12.1	208	11.7	192.3	11.1	

Table 132 —38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	101.8	12.3	101.3	12.8	100.9	13.3	100.8	13.6	100.6	13.9	100.2	14.3
	-12.6	-13	109.2	12.8	108.7	13.4	108.3	13.9	108.1	14.2	108	14.5	107.5	14.9
	-9	-9.4	122.5	13.7	122	14.4	121.6	14.9	121.3	15.2	121	15.5	120.7	16
	-3.64	-4	131.7	14.3	131.1	15	130.7	15.5	130.4	15.8	130	16.2	129.7	16.7
	-1.84	-2.2	136.3	14.6	135.7	15.3	135.3	15.8	135	16.2	135	16.5	134.3	17
	5.5	5	155.4	15.7	154.7	16.5	154.2	17	153.9	17.4	154	17.7	153	18.3
	9.5	8.5	164.9	16.2	164.2	17	163.6	17.5	163.3	17.9	163	18.3	162.4	18.8
	13	12	174.6	16.7	173.8	17.4	173.3	18	172.9	18.4	173	18.8	171.9	19.4
	15	14	180.2	16.9	179.4	17.7	178.8	18.3	178.5	18.7	178	19.1	177.5	19.6
	17	15.5	184.5	17.1	183.7	17.9	183.1	18.5	182.7	18.9	182	19.3	181.7	19.8
	19	18	191.6	17.4	190.8	18.2	190.2	18.8	189.8	19.2	189	19.6	188.7	20.2
	22	20	197.4	17.6	196.6	18.4	195.9	19	195.5	19.4	195	19.8	191.5	20
	26	24	209.2	17.9	208.3	18.8	207.6	19.4	207.1	19.8	207	20.2	191.5	19.1
	30	28	221.1	18.2	220.2	19.1	219.5	19.7	216.9	19.9	207	19.2	191.5	18.2
	35	32	233.4	18.5	232.4	19.3	226.9	19.5	216.9	18.9	207	18.3	191.5	17.2
	39	36	245.8	18.6	242.3	19.2	226.9	18.4	216.9	17.9	207	17.3	191.5	16.3
	44	40	258.5	18.7	242.3	18.1	226.9	17.4	216.9	16.8	207	16.3	191.5	15.4
	47	43	262.3	18.2	242.3	17.3	226.9	16.6	216.9	16.1	207	15.5	191.5	14.7
	51	47	262.3	17	242.3	16.2	226.9	15.5	216.9	15	207	14.5	191.5	13.7
	54	50	262.3	16.2	242.3	15.4	226.9	14.7	216.9	14.3	207	13.8	191.5	13
57	53	262.3	15.3	242.3	14.6	226.9	13.9	216.9	13.5	207	13.1	191.5	12.3	
60	56	262.3	14.4	242.3	13.7	226.9	13.1	216.9	12.7	207	12.3	191.5	11.6	
110	-14.5	-15	101.3	12.8	100.8	13.5	100.6	13.9	100.3	14.3	100.1	14.6	99.8	14.9
	-12.6	-13	108.7	13.4	108.2	14.1	107.9	14.5	107.6	14.9	107	15.2	107.1	15.6
	-9	-9.4	122	14.4	121.5	15.1	121.1	15.6	120.8	15.9	121	16.3	120.2	16.8
	-3.64	-4	131.1	15	130.6	15.7	130.1	16.3	129.9	16.6	130	17	129.2	17.5
	-1.84	-2.2	135.8	15.3	135.2	16.1	134.7	16.6	134.4	17	134	17.3	133.7	17.8
	5.5	5	154.7	16.5	154.1	17.3	153.5	17.8	153.2	18.2	153	18.6	152.4	19.2
	9.5	8.5	164.2	17	163.5	17.8	163	18.4	162.6	18.8	162	19.2	161.7	19.7
	13	12	173.9	17.5	173.1	18.3	172.5	18.9	172.2	19.3	172	19.7	171.2	20.3
	15	14	179.4	17.7	178.7	18.6	178.1	19.2	177.7	19.6	177	20	176.7	20.6
	17	15.5	183.7	17.9	182.9	18.7	182.3	19.4	181.9	19.8	182	20.2	180.9	20.8
	19	18	190.8	18.2	190	19	189.4	19.7	189	20.1	189	20.5	187.9	21.1
	22	20	196.6	18.4	195.7	19.3	195.1	19.9	194.7	20.3	194	20.7	190.7	21
	26	24	208.3	18.8	207.4	19.7	206.7	20.3	206.3	20.7	206	21.2	190.7	20
	30	28	220.2	19.1	219.3	20	218.6	20.7	216	20.9	206	20.2	190.7	19
	35	32	232.4	19.4	231.4	20.2	226	20.4	216	19.8	206	19.1	190.7	18.1
	39	36	244.8	19.5	241.3	20.2	226	19.3	216	18.7	206	18.1	190.7	17.1
	44	40	257.4	19.6	241.3	19	226	18.2	216	17.6	206	17.1	190.7	16.1
	47	43	261.2	19.1	241.3	18.1	226	17.4	216	16.8	206	16.3	190.7	15.4
	51	47	261.2	17.8	241.3	17	226	16.3	216	15.8	206	15.2	190.7	14.4
	54	50	261.2	16.9	241.3	16.1	226	15.4	216	15	206	14.5	190.7	13.7
57	53	261.2	16	241.3	15.3	226	14.6	216	14.2	206	13.7	190.7	12.9	
60	56	261.2	15.1	241.3	14.4	226	13.8	216	13.4	206	12.9	190.7	12.2	
100	-14.5	-15	100.8	13.5	100.5	14.1	100.1	14.6	99.9	14.8	99.7	15.3	99.3	15.8
	-12.6	-13	108.2	14.1	107.8	14.7	107.4	15.2	107.2	15.5	107	15.9	106.6	16.4
	-9	-9.4	121.5	15.1	121	15.8	120.6	16.3	120.3	16.7	120	17	119.7	17.5
	-3.64	-4	130.6	15.7	130	16.5	129.6	17	129.3	17.4	129	17.7	128.6	18.3
	-1.84	-2.2	135.2	16.1	134.6	16.8	134.2	17.4	133.9	17.7	134	18.1	133.1	18.7
	5.5	5	154.1	17.2	153.4	18	152.9	18.7	152.6	19	152	19.4	151.7	20
	9.5	8.5	163.5	17.8	162.8	18.6	162.3	19.2	161.9	19.6	162	20	161	20.6
	13	12	173.1	18.3	172.4	19.1	171.8	19.8	171.4	20.2	171	20.6	170.5	21.2
	15	14	178.7	18.5	177.9	19.4	177.3	20	177	20.5	177	20.9	176	21.5
	17	15.5	182.9	18.7	182.1	19.6	181.5	20.3	181.1	20.7	181	21.1	180.2	21.7
	19	18	190	19	189.2	19.9	188.6	20.6	188.2	21	188	21.4	187.1	22.1
	22	20	195.8	19.3	194.9	20.1	194.3	20.8	193.9	21.3	193	21.7	189.8	21.9
	26	24	207.4	19.7	206.5	20.6	205.8	21.2	205.4	21.7	205	22.1	189.8	20.9
	30	28	219.3	20	218.4	20.9	217.6	21.6	215	21.8	205	21.1	189.8	19.9
	35	32	231.4	20.2	230.4	21.2	224.9	21.3	215	20.7	205	20	189.8	18.9
	39	36	243.7	20.4	240.2	21.1	224.9	20.2	215	19.5	205	18.9	189.8	17.9
	44	40	256.3	20.5	240.2	19.9	224.9	19	215	18.4	205	17.8	189.8	16.8
	47	43	260	19.9	240.2	19	224.9	18.1	215	17.6	205	17	189.8	16.1
	51	47	260	18.6	240.2	17.7	224.9	17	215	16.5	205	15.9	189.8	15
	54	50	260	17.7	240.2	16.8	224.9	16.1	215	15.6	205	15.1	189.8	14.3
57	53	260	16.7	240.2	15.9	224.9	15.3	215	14.8	205	14.3	189.8	13.5	
60	56	260	15.8	240.2	15	224.9	14.4	215	13.9	205	13.5	189.8	12.7	

Table 132 —38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	100.5	14.1	100.0	14.8	99.7	15.3	99.4	15.5	99.2	16.0	99.0	16.4
	-12.6	-13	107.8	14.7	107.3	15.4	107	15.9	106.7	16.2	107	16.6	106.2	17.1
	-9	-9.4	121	15.7	120.5	16.5	120.1	17	119.8	17.4	120	17.7	119.2	18.3
	-3.64	-4	130	16.4	129.5	17.2	129	17.8	128.8	18.1	129	18.5	128.1	19.1
	-1.84	-2.2	134.6	16.7	134	17.5	133.6	18.1	133.3	18.5	133	18.9	132.6	19.5
	5.5	5	153.4	18	152.8	18.8	152.3	19.5	151.9	19.9	152	20.3	151.1	20.9
	9.5	8.5	162.8	18.5	162.1	19.4	161.6	20.1	161.2	20.5	161	20.9	160.4	21.5
	13	12	172.4	19.1	171.7	19.9	171.1	20.6	170.7	21	170	21.5	169.8	22.1
	15	14	177.9	19.3	177.2	20.2	176.6	20.9	176.2	21.4	176	21.8	170.8	21.8
	17	15.5	182.1	19.5	181.4	20.4	180.8	21.1	180.4	21.6	180	22	170.8	21.5
	19	18	189.2	19.9	188.4	20.8	187.8	21.5	187.4	21.9	185	22	170.8	20.9
	22	20	194.9	20.1	194.1	21	193.5	21.7	193	22.2	185	21.5	170.8	20.4
	26	24	206.5	20.5	205.7	21.4	202.4	21.8	193.5	21.2	185	20.5	170.8	19.4
	30	28	218.4	20.8	216.2	21.6	202.4	20.8	193.5	20.2	185	19.5	170.8	18.5
	35	32	230.4	21.1	216.2	20.5	202.4	19.7	193.5	19.1	185	18.5	170.8	17.5
	39	36	234	20.3	216.2	19.4	202.4	18.6	193.5	18.1	185	17.5	170.8	16.6
	44	40	234	19.2	216.2	18.3	202.4	17.6	193.5	17	185	16.5	170.8	15.6
	47	43	234	18.3	216.2	17.5	202.4	16.8	193.5	16.3	185	15.8	170.8	14.9
	51	47	234	17.1	216.2	16.4	202.4	15.7	193.5	15.2	185	14.8	170.8	14
	54	50	234	16.3	216.2	15.5	202.4	14.9	193.5	14.5	185	14	170.8	13.3
57	53	234	15.4	216.2	14.7	202.4	14.1	193.5	13.7	185	13.3	170.8	12.5	
60	56	234	14.5	216.2	13.9	202.4	13.3	193.5	12.9	185	12.5	170.8	11.8	
80	-14.5	-15	100.0	14.7	99.6	15.3	99.2	15.8	99.1	16.2	98.9	16.5	98.5	17.1
	-12.6	-13	107.3	15.3	106.9	16	106.5	16.5	106.3	16.9	106	17.2	105.7	17.8
	-9	-9.4	120.5	16.4	120	17.2	119.6	17.7	119.3	18.1	119	18.5	118.7	19.1
	-3.64	-4	129.5	17.1	128.9	17.9	128.5	18.5	128.2	18.9	128	19.3	127.5	19.9
	-1.84	-2.2	134	17.4	133.5	18.2	133	18.9	132.7	19.3	133	19.7	132	20.3
	5.5	5	152.8	18.7	152.1	19.6	151.6	20.3	151.3	20.7	151	21.1	150.5	21.8
	9.5	8.5	162.1	19.3	161.4	20.2	160.9	20.9	160.6	21.3	160	21.8	151.8	21.2
	13	12	171.7	19.8	170.9	20.8	170.4	21.5	170	21.9	164	21.5	151.8	20.5
	15	14	177.2	20.1	176.4	21.1	175.9	21.8	172	21.7	164	21.1	151.8	20
	17	15.5	181.4	20.3	180.6	21.3	179.9	22	172	21.4	164	20.7	151.8	19.7
	19	18	188.4	20.7	187.6	21.6	179.9	21.4	172	20.8	164	20.2	151.8	19.1
	22	20	194.1	20.9	192.2	21.7	179.9	20.9	172	20.3	164	19.7	151.8	18.7
	26	24	205.7	21.3	192.2	20.7	179.9	19.9	172	19.4	164	18.8	151.8	17.8
	30	28	208	20.6	192.2	19.7	179.9	18.9	172	18.4	164	17.9	151.8	17
	35	32	208	19.5	192.2	18.7	179.9	18	172	17.5	164	16.9	151.8	16.1
	39	36	208	18.5	192.2	17.7	179.9	17	172	16.5	164	16	151.8	15.2
	44	40	208	17.4	192.2	16.7	179.9	16	172	15.6	164	15.1	151.8	14.3
	47	43	208	16.6	192.2	15.9	179.9	15.3	172	14.9	164	14.4	151.8	13.7
	51	47	208	15.5	192.2	14.9	179.9	14.3	172	13.9	164	13.5	151.8	12.8
	54	50	208	14.8	192.2	14.1	179.9	13.6	172	13.2	164	12.8	151.8	12.2
57	53	208	14	192.2	13.4	179.9	12.9	172	12.5	164	12.1	151.8	11.5	
60	56	208	13.2	192.2	12.6	179.9	12.1	172	11.8	164	11.4	151.8	10.9	
70	-14.5	-15	99.6	15.3	99.1	15.9	98.9	16.5	98.6	16.9	98.4	17.2	98.1	17.8
	-12.6	-13	106.9	15.9	106.4	16.6	106.1	17.2	105.8	17.6	106	17.9	105.3	18.5
	-9	-9.4	120	17	119.5	17.8	119.1	18.4	118.8	18.8	119	19.2	118.2	19.8
	-3.64	-4	128.9	17.8	128.4	18.6	128	19.2	127.7	19.6	127	20	127	20.7
	-1.84	-2.2	133.5	18.1	132.9	19	132.5	19.6	132.2	20	132	20.4	131.5	21.1
	5.5	5	152.1	19.5	151.5	20.4	151	21	150.5	21.5	144	20.9	132.9	19.9
	9.5	8.5	161.4	20.1	160.7	21	157.4	21.3	150.5	20.7	144	20.1	132.9	19.2
	13	12	170.9	20.6	168.1	21.3	157.4	20.5	150.5	20	144	19.4	132.9	18.5
	15	14	176.4	20.9	168.1	20.8	157.4	20.1	150.5	19.6	144	19	132.9	18.1
	17	15.5	180.6	21.1	168.1	20.5	157.4	19.7	150.5	19.2	144	18.7	132.9	17.8
	19	18	182	20.7	168.1	19.9	157.4	19.2	150.5	18.7	144	18.2	132.9	17.3
	22	20	182	20.3	168.1	19.5	157.4	18.8	150.5	18.3	144	17.8	132.9	16.9
	26	24	182	19.3	168.1	18.6	157.4	17.9	150.5	17.4	144	16.9	132.9	16.1
	30	28	182	18.4	168.1	17.6	157.4	17	150.5	16.6	144	16.1	132.9	15.3
	35	32	182	17.4	168.1	16.7	157.4	16.1	150.5	15.7	144	15.3	132.9	14.6
	39	36	182	16.5	168.1	15.8	157.4	15.3	150.5	14.9	144	14.5	132.9	13.8
	44	40	182	15.5	168.1	14.9	157.4	14.4	150.5	14	144	13.6	132.9	13
	47	43	182	14.8	168.1	14.2	157.4	13.7	150.5	13.4	144	13	132.9	12.4
	51	47	182	13.9	168.1	13.3	157.4	12.9	150.5	12.5	144	12.2	132.9	11.6
	54	50	182	13.2	168.1	12.7	157.4	12.2	150.5	11.9	144	11.6	132.9	11
57	53	182	12.5	168.1	12	157.4	11.5	150.5	11.2	144	10.9	132.9	10.4	
60	56	182	11.8	168.1	11.3	157.4	10.9	150.5	10.6	144	10.3	132.9	9.8	

Table 132 —38VMA192RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	99.1	15.8	98.8	16.6	98.4	17.1	98.2	17.5	98.1	17.9	97.9	18.8
	-12.6	-13	106.4	16.5	106	17.3	105.6	17.8	105.4	18.2	105	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	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	20.1	113.9	19.3
	-1.84	-2.2	132.9	18.8	132.3	19.7	131.9	20.3	129	20.3	123	19.8	113.9	18.9
	5.5	5	151.5	20.2	144.1	20.1	134.9	19.4	129	19	123	18.5	113.9	17.7
	9.5	8.5	156	20.1	144.1	19.4	134.9	18.8	129	18.3	123	17.8	113.9	17.1
	13	12	156	19.4	144.1	18.7	134.9	18.1	129	17.7	123	17.2	113.9	16.4
	15	14	156	19	144.1	18.3	134.9	17.7	129	17.3	123	16.8	113.9	16.1
	17	15.5	156	18.7	144.1	18	134.9	17.4	129	17	123	16.6	113.9	15.8
	19	18	156	18.2	144.1	17.5	134.9	16.9	129	16.5	123	16.1	113.9	15.4
	22	20	156	17.7	144.1	17.1	134.9	16.6	129	16.2	123	15.7	113.9	15
	26	24	156	16.9	144.1	16.3	134.9	15.8	129	15.4	123	15	113.9	14.3
	30	28	156	16.1	144.1	15.5	134.9	15	129	14.7	123	14.3	113.9	13.6
	35	32	156	15.3	144.1	14.7	134.9	14.2	129	13.9	123	13.5	113.9	12.9
	39	36	156	14.4	144.1	13.9	134.9	13.5	129	13.1	123	12.8	113.9	12.2
	44	40	156	13.6	144.1	13.1	134.9	12.7	129	12.4	123	12.1	113.9	11.5
	47	43	156	13	144.1	12.5	134.9	12.1	129	11.8	123	11.5	113.9	11
	51	47	156	12.2	144.1	11.7	134.9	11.3	129	11.1	123	10.8	113.9	10.3
	54	50	156	11.5	144.1	11.1	134.9	10.8	129	10.5	123	10.2	113.9	9.8
57	53	156	10.9	144.1	10.5	134.9	10.2	129	9.9	123	9.7	113.9	9.3	
60	56	156	10.3	144.1	9.9	134.9	9.6	129	9.4	123	9.1	113.9	8.7	
50	-14.5	-15	98.8	16.4	98.3	17.2	98.1	18.3	97.9	19.1	97.8	19.4	94.9	18.5
	-12.6	-13	106	17.1	105.5	17.9	105.2	18.5	104.9	18.9	103	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	103	18	94.9	17.3
	-3.64	-4	127.8	19.1	120.1	18.8	112.4	18.3	107.5	17.9	103	17.5	94.9	16.8
	-1.84	-2.2	130	19.1	120.1	18.5	112.4	18	107.5	17.6	103	17.2	94.9	16.5
	5.5	5	130	17.8	120.1	17.3	112.4	16.8	107.5	16.4	103	16	94.9	15.4
	9.5	8.5	130	17.2	120.1	16.7	112.4	16.2	107.5	15.8	103	15.5	94.9	14.9
	13	12	130	16.6	120.1	16.1	112.4	15.6	107.5	15.3	103	14.9	94.9	14.3
	15	14	130	16.2	120.1	15.7	112.4	15.3	107.5	14.9	103	14.6	94.9	14
	17	15.5	130	16	120.1	15.5	112.4	15	107.5	14.7	103	14.4	94.9	13.8
	19	18	130	15.5	120.1	15	112.4	14.6	107.5	14.3	103	14	94.9	13.4
	22	20	130	15.2	120.1	14.7	112.4	14.3	107.5	14	103	13.6	94.9	13.1
	26	24	130	14.5	120.1	14	112.4	13.6	107.5	13.3	103	13	94.9	12.5
	30	28	130	13.8	120.1	13.3	112.4	12.9	107.5	12.7	103	12.4	94.9	11.9
	35	32	130	13.1	120.1	12.6	112.4	12.3	107.5	12	103	11.7	94.9	11.3
	39	36	130	12.4	120.1	12	112.4	11.6	107.5	11.4	103	11.1	94.9	10.7
	44	40	130	11.6	120.1	11.3	112.4	10.9	107.5	10.7	103	10.5	94.9	10
	47	43	130	11.1	120.1	10.8	112.4	10.4	107.5	10.2	103	10	94.9	9.6
	51	47	130	10.4	120.1	10.1	112.4	9.8	107.5	9.6	103	9.3	94.9	9
	54	50	130	9.9	120.1	9.6	112.4	9.3	107.5	9.1	103	8.9	94.9	8.5
57	53	130	9.3	120.1	9.1	112.4	8.8	107.5	8.6	103	8.4	94.9	8.1	
60	56	130	8.8	120.1	8.5	112.4	8.3	107.5	8.1	103	7.9	94.9	7.6	

Tc: Total Capacity PI: Power Input

Table 133 —38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	103.4	11.3	102.9	11.9	102.7	12.3	102.4	12.4	102.3	12.7	101.9	13.0
	-12.6	-13	111	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	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	13.9	137.6	14.4	137.3	14.7	137	15	136.5	15.4
	5.5	5	158	14.2	157.3	14.9	156.8	15.4	156.5	15.7	156.1	16	155.6	16.5
	9.5	8.5	167.7	14.6	167	15.3	166.4	15.8	166	16.1	165.7	16.5	165.1	17
	13	12	177.5	15	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	185.4	17.3	184.7	17.8
	19	18	194.8	15.6	194	16.3	193.4	16.9	193	17.2	192.5	17.6	191.9	18.1
	22	20	200.7	15.8	199.9	16.5	199.2	17	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	223.2	17.6	222.7	18	222.2	18.3	219.2	18.7
	35	32	237.3	16.5	236.3	17.2	235.5	17.8	235	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	248.3	16.5	236.8	16	219.2	15.1
	51	47	285.9	16.5	277.3	16.7	259.7	16	248.3	15.5	236.8	15	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	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	
140	-14.5	-15	102.9	11.9	102.6	12.5	102.3	12.9	102.1	13.2	101.8	13.5	101.5	13.8
	-12.6	-13	110.5	12.4	110.1	13	109.7	13.4	109.5	13.7	109.2	14	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
	-1.84	-2.2	138	14.1	137.5	14.7	137	15.2	136.7	15.5	136.4	15.9	136	16.3
	5.5	5	157.3	15	156.7	15.7	156.1	16.3	155.8	16.6	155.5	17	155	17.5
	9.5	8.5	167	15.5	166.3	16.2	165.7	16.7	165.4	17.1	165	17.4	164.5	18
	13	12	176.8	15.9	176	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	17	185.4	17.6	185	17.9	184.6	18.3	184	18.9
	19	18	194	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	198	18.4	197.5	18.8	196.9	19.4
	26	24	211.8	17	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	18	222.3	18.6	221.8	19	221.3	19.4	218.3	19.8
	35	32	236.3	17.4	235.3	18.2	234.5	18.8	234	19.2	233.5	19.6	218.3	18.7
	39	36	248.9	17.5	247.9	18.3	247	19	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	247.2	17.5	235.9	16.9	218.3	16
	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	247.2	15.5	235.9	15	218.3	14.2
57	53	299	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	15.7	276.2	14.9	258.6	14.3	247.2	13.9	235.9	13.4	218.3	12.7	
130	-14.5	-15	102.6	12.6	102.2	13.2	101.8	13.7	101.6	13.9	101.4	14.2	101.0	14.6
	-12.6	-13	110.1	13.1	109.6	13.7	109.2	14.2	109	14.5	108.8	14.8	108.4	15.2
	-9	-9.4	123.6	14	123	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	136.1	16.4	135.9	16.7	135.4	17.2
	5.5	5	156.7	15.9	156	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	17.7	164.7	18	164.3	18.4	163.8	19
	13	12	176.1	16.8	175.3	17.5	174.7	18.1	174.4	18.5	174	18.9	173.4	19.5
	15	14	181.7	17	181	17.8	180.4	18.4	180	18.8	179.6	19.1	179	19.7
	17	15.5	186	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	19.6	190.3	20.2
	22	20	199.1	17.6	198.2	18.4	197.6	19	197.2	19.4	196.7	19.8	196.1	20.4
	26	24	210.9	17.9	210	18.7	209.3	19.4	208.9	19.8	208.4	20.2	207.8	20.8
	30	28	223	18.2	222.1	19	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	20	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	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
57	53	297.7	17.5	275.1	16.7	257.5	16	246.2	15.5	234.9	15	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	

Table 133 —38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	102.1	13.3	101.8	13.8	101.4	14.3	101.2	14.6	100.9	14.9	100.7	15.4
	-12.6	-13	109.6	13.8	109.2	14.4	108.8	14.9	108.6	15.2	108.3	15.5	108	16
	-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	131.2	16.6	131	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	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	164.3	18.6	164	19	163.6	19.4	163.1	19.9
	13	12	175.3	17.6	174.6	18.4	174	19.1	173.6	19.5	173.3	19.9	172.7	20.5
	15	14	181	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	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	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	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	20.8	207.6	21.2	206.9	21.9
	30	28	222.1	19.1	221.1	20	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	21	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	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	
110	-14.5	-15	101.8	13.8	101.3	14.5	100.9	15.0	100.7	15.4	100.6	15.7	100.2	16.2
	-12.6	-13	109.2	14.4	108.7	15.1	108.3	15.6	108.1	16	107.9	16.3	107.5	16.8
	-9	-9.4	122.5	15.4	122	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	18.1	134.7	18.4	134.3	19
	5.5	5	155.4	17.5	154.7	18.3	154.2	18.9	153.9	19.3	153.5	19.7	153	20.3
	9.5	8.5	164.9	18	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	172.9	20.4	172.5	20.8	172	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	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	22.9
	30	28	221.2	20	220.2	21	219.5	21.7	219	22.1	218.6	22.6	215.6	23
	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	22	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	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	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	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	-14.5	-15	101.3	14.5	100.8	15.2	100.6	15.8	100.4	16.1	100.1	16.5	99.8	16.9
	-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	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	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	21	189.4	21.7	189	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
	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
	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	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	22.2	231.8	21.5	214.5	20.3
	47	43	267	21.3	265.9	22.3	254.2	21.9	243	21.2	231.8	20.5	214.5	19.4
	51	47	280	21.2	271.5	21.4	254.2	20.5	243	19.9	231.8	19.2	214.5	18.1
	54	50	290	21	271.5	20.3	254.2	19.4	243	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	17.8	231.8	17.2	214.5	16.3	
60	56	293.8	19	271.5	18.1	254.2	17.3	243	16.8	231.8	16.3	214.5	15.4	

Table 133 — 38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	100.8	15.2	100.5	15.9	100.1	16.5	99.9	16.7	99.7	17.1	99.3	17.7
	-12.6	-13	108.2	15.8	107.8	16.5	107.4	17.1	107.2	17.4	107	17.8	106.6	18.4
	-9	-9.4	121.5	16.8	121	17.6	120.6	18.2	120.3	18.6	120.1	19	119.7	19.6
	-3.64	-4	130.6	17.5	130	18.3	129.6	19	129.3	19.4	129	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	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	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	22.5	176.6	23	176	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	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	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
	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	193.1	18
	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	218.7	17.4	208.6	16.9	193.1	16
57	53	264.5	18.5	244.3	17.7	228.8	17	218.7	16.5	208.6	16	193.1	15.1	
60	56	264.5	17.5	244.3	16.7	228.8	16	218.7	15.6	208.6	15.1	193.1	14.3	
80	-14.5	-15	100.5	15.8	100.0	16.5	99.7	17.1	99.4	17.5	99.2	17.8	99.0	18.4
	-12.6	-13	107.8	16.4	107.3	17.2	107	17.8	106.7	18.2	106.5	18.5	106.2	19.1
	-9	-9.4	121	17.5	120.5	18.4	120.1	19	119.8	19.4	119.6	19.8	119.2	20.4
	-3.64	-4	130	18.3	129.5	19.1	129	19.8	128.8	20.2	128.5	20.6	128.1	21.2
	-1.84	-2.2	134.6	18.6	134	19.5	133.6	20.1	133.3	20.6	133	21	132.6	21.6
	5.5	5	153.4	19.9	152.8	20.8	152.3	21.5	151.9	22	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	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	176.2	23.5	175.8	24	171.6	24.1
	17	15.5	182.1	21.5	181.4	22.4	180.8	23.2	180.4	23.7	180	24.2	171.6	23.7
	19	18	189.2	21.8	188.4	22.8	187.8	23.5	187.4	24	185.5	24.3	171.6	23.1
	22	20	194.9	22	194.1	23	193.5	23.8	193	24.3	185.5	23.7	171.6	22.6
	26	24	206.5	22.4	205.7	23.4	203.3	24	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	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	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	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	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	-14.5	-15	100.0	16.5	99.6	17.2	99.2	17.8	99.1	18.2	98.9	18.6	98.5	19.2
	-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	19.1	119.6	19.7	119.3	20.2	119.1	20.6	118.7	21.2
	-3.64	-4	129.5	19	128.9	19.9	128.5	20.5	128.2	21	127.9	21.4	127.5	22.1
	-1.84	-2.2	134	19.3	133.5	20.2	133	20.9	132.7	21.4	132.5	21.8	132	22.5
	5.5	5	152.8	20.7	152.1	21.6	151.6	22.4	151.3	22.8	151	23.3	150.2	24
	9.5	8.5	162.1	21.3	161.4	22.2	160.9	23	160.6	23.5	160.2	24	150.2	23.1
	13	12	171.7	21.8	170.9	22.8	170.4	23.6	170	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	23.5	177.9	22.6	170.1	22	162.3	21.4	150.2	20.4
	26	24	205.7	23.3	190	22.4	177.9	21.6	170.1	21	162.3	20.4	150.2	19.5
	30	28	205.7	22.1	190	21.3	177.9	20.5	170.1	20	162.3	19.4	150.2	18.5
	35	32	205.7	21	190	20.2	177.9	19.5	170.1	19	162.3	18.4	150.2	17.5
	39	36	205.7	19.9	190	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	18	177.9	17.3	170.1	16.9	162.3	16.4	150.2	15.6
	47	43	205.7	17.9	190	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	16.1	177.9	15.5	170.1	15.1	162.3	14.7	150.2	14
	54	50	205.7	15.9	190	15.3	177.9	14.7	170.1	14.3	162.3	13.9	150.2	13.3
57	53	205.7	15	190	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	13.6	177.9	13.1	170.1	12.8	162.3	12.4	150.2	11.8	

Table 133 —38VMA216RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	99.6	17.0	99.1	17.9	98.9	18.5	98.6	18.9	98.4	19.2	98.1	19.8
	-12.6	-13	106.9	17.7	106.4	18.6	106.1	19.2	105.8	19.6	105.6	20	105.3	20.6
	-9	-9.4	120	18.9	119.5	19.8	119.1	20.5	118.8	20.9	118.5	21.4	118.2	22
	-3.64	-4	128.9	19.7	128.4	20.6	127.9	21.3	127.7	21.8	127.4	22.2	127	22.9
	-1.84	-2.2	133.5	20.1	132.9	21	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	23.2	145.8	22.9	139.1	22.3	128.7	21.3
	9.5	8.5	161.4	22	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	145.8	20.5	139.1	20	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	145.8	19.5	139.1	19	128.7	18.1
	26	24	176.3	20.4	162.9	19.7	152.5	19	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	128.7	12.4
	54	50	176.3	13.9	162.9	13.4	152.5	13	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	139.1	11.7	128.7	11.2	
60	56	176.3	12.4	162.9	12	152.5	11.6	145.8	11.3	139.1	11	128.7	10.5	
50	-14.5	-15	99.1	17.7	98.8	18.5	98.4	19.2	98.2	19.5	98.1	20.1	97.8	21.7
	-12.6	-13	106.4	18.4	106	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	121.5	21.5	115.9	21	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	135.7	19.4	127.1	18.8	121.5	18.4	115.9	18	107.3	17.3
	15	14	146.9	19.6	135.7	19	127.1	18.4	121.5	18	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	121.5	13.7	115.9	13.4	107.3	12.8
	44	40	146.9	14	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	127.1	12.6	121.5	12.3	115.9	12	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	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	121.5	9.8	115.9	9.5	107.3	9.2	

Tc: Total Capacity PI: Power Input

Table 134 —38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	103.9	11.3	103.4	11.7	103.0	12.3	102.9	12.4	102.8	12.7	102.4	13.1
	-12.6	-13	111.5	11.7	111	12.2	111	12.7	110	12.9	110	13.2	109.8	13.6
	-9	-9.4	125.1	12.5	124.6	13.1	124	13.5	124	13.8	124	14.1	123.2	14.5
	-3.64	-4	134.5	13	133.9	13.6	134	14	133	14.3	133	14.6	132.4	15.1
	-1.84	-2.2	139.2	13.2	138.6	13.8	138	14.3	138	14.6	138	14.9	137.1	15.4
	5.5	5	158.6	14.1	158	14.8	158	15.3	157	15.6	157	15.9	156.3	16.4
	9.5	8.5	168.4	14.5	167.7	15.2	167	15.7	167	16	166	16.4	165.8	16.9
	13	12	178.3	14.9	177.5	15.6	177	16.1	177	16.4	176	16.8	175.6	17.3
	15	14	184	15.1	183.2	15.8	183	16.3	182	16.6	182	17	181.2	17.5
	17	15.5	188.4	15.2	187.6	15.9	187	16.4	187	16.8	186	17.1	185.5	17.7
	19	18	195.7	15.4	194.8	16.1	194	16.7	194	17	193	17.4	192.7	17.9
	22	20	201.6	15.6	200.7	16.3	200	16.9	200	17.2	199	17.6	198.5	18.1
	26	24	213.6	15.9	212.7	16.6	212	17.2	212	17.5	211	17.9	210.4	18.4
	30	28	225.8	16.1	224.9	16.8	224	17.4	224	17.8	223	18.1	222.4	18.7
	35	32	238.3	16.3	237.3	17	237	17.6	236	17.9	236	18.3	231.8	18.6
	39	36	251	16.3	249.9	17.1	249	17.7	249	18	248	18.4	231.8	17.6
	44	40	263.9	16.4	262.8	17.1	262	17.7	261	18.1	251	17.5	231.8	16.6
	47	43	273.8	16.3	272.6	17.1	272	17.6	263	17.3	251	16.7	231.8	15.8
	51	47	287.2	16.2	285.9	17	275	16.7	263	16.2	251	15.7	231.8	14.8
	54	50	297.3	16.1	293.3	16.6	275	15.9	263	15.4	251	14.9	231.8	14.1
57	53	307.6	15.9	293.3	15.7	275	15	263	14.6	251	14.1	231.8	13.3	
60	56	317.5	15.6	293.3	14.8	275	14.2	263	13.7	251	13.3	231.8	12.5	
140	-14.5	-15	103.4	12.0	102.9	12.6	102.7	12.9	102.4	13.2	102.3	13.5	101.9	13.8
	-12.6	-13	111	12.4	110.5	13	110	13.4	110	13.7	110	14	109.3	14.4
	-9	-9.4	124.6	13.2	124.1	13.8	124	14.3	123	14.6	123	14.9	122.7	15.4
	-3.64	-4	133.9	13.7	133.3	14.4	133	14.9	133	15.2	132	15.5	131.9	16
	-1.84	-2.2	138.6	14	138	14.6	138	15.1	137	15.5	137	15.8	136.5	16.3
	5.5	5	158	14.9	157.3	15.6	157	16.2	157	16.5	156	16.8	155.6	17.4
	9.5	8.5	167.7	15.4	167	16.1	166	16.6	166	17	166	17.3	165.1	17.8
	13	12	177.5	15.7	176.8	16.5	176	17	176	17.4	175	17.7	174.9	18.3
	15	14	183.3	16	182.5	16.7	182	17.3	182	17.6	181	18	180.5	18.5
	17	15.5	187.6	16.1	186.8	16.8	186	17.4	186	17.8	185	18.1	184.8	18.7
	19	18	194.9	16.3	194	17.1	193	17.7	193	18	193	18.4	191.9	19
	22	20	200.8	16.5	199.9	17.3	199	17.8	199	18.2	198	18.6	197.7	19.2
	26	24	212.7	16.8	211.8	17.6	211	18.2	211	18.5	210	18.9	209.5	19.5
	30	28	224.9	17	223.9	17.8	223	18.4	223	18.8	222	19.2	221.5	19.8
	35	32	237.3	17.2	236.3	18	236	18.6	235	19	235	19.4	230.8	19.7
	39	36	250	17.3	248.9	18.1	248	18.7	248	19.1	247	19.5	230.8	18.6
	44	40	262.9	17.3	261.7	18.1	261	18.7	260	19.1	249	18.6	230.8	17.5
	47	43	272.7	17.3	271.5	18.1	271	18.7	262	18.3	249	17.7	230.8	16.7
	51	47	286	17.2	284.8	17.9	274	17.7	262	17.2	249	16.6	230.8	15.7
	54	50	296.1	17	292.1	17.6	274	16.8	262	16.3	249	15.7	230.8	14.9
57	53	306.3	16.8	292.1	16.6	274	15.9	262	15.4	249	14.9	230.8	14.1	
60	56	316.2	16.5	292.1	15.7	274	15	262	14.5	249	14.1	230.8	13.3	
130	-14.5	-15	102.9	12.7	102.6	13.2	102.2	13.5	102.1	13.8	101.8	14.1	101.5	14.6
	-12.6	-13	110.5	13.1	110.1	13.7	110	14.1	110	14.4	109	14.7	108.9	15.2
	-9	-9.4	124.1	13.9	123.6	14.6	123	15.1	123	15.4	123	15.7	122.2	16.2
	-3.64	-4	133.4	14.5	132.8	15.2	132	15.7	132	16	132	16.3	131.3	16.9
	-1.84	-2.2	138.1	14.8	137.5	15.4	137	16	137	16.3	136	16.6	136	17.2
	5.5	5	157.3	15.8	156.7	16.5	156	17	156	17.4	156	17.8	155	18.3
	9.5	8.5	167	16.2	166.3	17	166	17.5	165	17.9	165	18.3	164.5	18.8
	13	12	176.8	16.6	176.1	17.4	176	18	175	18.3	175	18.7	174.1	19.3
	15	14	182.5	16.8	181.7	17.6	181	18.2	181	18.6	180	19	179.7	19.5
	17	15.5	186.8	17	186	17.8	185	18.4	185	18.7	185	19.1	184	19.7
	19	18	194.1	17.2	193.2	18	193	18.6	192	19	192	19.4	191.1	20
	22	20	199.9	17.4	199.1	18.2	198	18.8	198	19.2	198	19.6	196.9	20.2
	26	24	211.8	17.7	210.9	18.5	210	19.1	210	19.5	209	19.9	208.6	20.6
	30	28	224	18	223	18.8	222	19.4	222	19.8	221	20.2	220.6	20.8
	35	32	236.3	18.1	235.3	19	235	19.6	234	20	234	20.4	229.9	20.7
	39	36	248.9	18.2	247.9	19.1	247	19.7	247	20.1	246	20.5	229.9	19.6
	44	40	261.8	18.3	260.7	19.1	260	19.7	259	20.1	248	19.6	229.9	18.5
	47	43	271.5	18.2	270.4	19.1	270	19.7	260	19.3	248	18.7	229.9	17.6
	51	47	284.8	18.1	283.6	18.9	272	18.7	260	18.1	248	17.5	229.9	16.5
	54	50	294.9	17.9	290.9	18.5	272	17.7	260	17.2	248	16.6	229.9	15.7
57	53	305.1	17.7	290.9	17.5	272	16.8	260	16.3	248	15.7	229.9	14.8	
60	56	314.9	17.4	290.9	16.5	272	15.8	260	15.3	248	14.8	229.9	14	

Table 134 —38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	102.6	13.1	102.2	13.9	101.9	14.3	101.6	14.6	101.4	14.9	101.0	15.4
	-12.6	-13	110.1	13.7	109.6	14.4	109	14.9	109	15.2	109	15.5	108.4	16
	-9	-9.4	123.6	14.7	123	15.3	123	15.9	122	16.2	122	16.5	121.7	17.1
	-3.64	-4	132.8	15.2	132.2	16	132	16.5	132	16.8	131	17.2	130.8	17.7
	-1.84	-2.2	137.5	15.5	136.9	16.2	136	16.8	136	17.2	136	17.5	135.4	18.1
	5.5	5	156.7	16.6	156	17.3	156	17.9	155	18.3	155	18.7	154.3	19.3
	9.5	8.5	166.3	17	165.6	17.8	165	18.4	165	18.8	164	19.2	163.8	19.8
	13	12	176.1	17.5	175.3	18.3	175	18.9	174	19.3	174	19.7	173.4	20.3
	15	14	181.7	17.7	181	18.5	180	19.1	180	19.5	180	19.9	179	20.5
	17	15.5	186	17.9	185.2	18.7	185	19.3	184	19.7	184	20.1	183.2	20.7
	19	18	193.2	18.1	192.4	18.9	192	19.6	191	20	191	20.4	190.3	21
	22	20	199.1	18.3	198.2	19.1	198	19.8	197	20.2	197	20.6	196.1	21.2
	26	24	210.9	18.6	210	19.5	209	20.1	209	20.5	209	21	207.8	21.6
	30	28	223	18.9	222.1	19.7	221	20.4	221	20.8	220	21.3	219.7	21.9
	35	32	235.3	19.1	234.3	19.9	234	20.6	233	21	233	21.5	228.9	21.8
	39	36	247.9	19.2	246.8	20	246	20.7	246	21.1	245	21.6	228.9	20.6
	44	40	260.7	19.2	259.6	20.1	259	20.7	258	21.2	247	20.6	228.9	19.4
	47	43	270.4	19.1	269.3	20	268	20.7	259	20.3	247	19.6	228.9	18.5
	51	47	283.6	19	282.4	19.9	271	19.6	259	19	247	18.4	228.9	17.4
	54	50	293.6	18.8	289.7	19.5	271	18.6	259	18	247	17.5	228.9	16.5
57	53	303.8	18.6	289.7	18.4	271	17.6	259	17.1	247	16.5	228.9	15.6	
60	56	313.6	18.2	289.7	17.4	271	16.6	259	16.1	247	15.6	228.9	14.7	
110	-14.5	-15	102.1	13.8	101.8	14.5	101.4	15.0	101.2	15.3	100.9	15.7	100.7	16.2
	-12.6	-13	109.6	14.4	109.2	15.1	109	15.6	109	15.9	108	16.3	108	16.8
	-9	-9.4	123.1	15.4	122.5	16.1	122	16.6	122	17	122	17.4	121.2	17.9
	-3.64	-4	132.2	16	131.7	16.7	131	17.3	131	17.7	131	18	130.3	18.6
	-1.84	-2.2	136.9	16.3	136.3	17	136	17.6	136	18	135	18.4	134.8	18.9
	5.5	5	156	17.4	155.4	18.2	155	18.8	155	19.2	154	19.6	153.7	20.2
	9.5	8.5	165.6	17.9	164.9	18.7	164	19.3	164	19.7	164	20.1	163.1	20.8
	13	12	175.3	18.3	174.6	19.2	174	19.8	174	20.2	173	20.6	172.7	21.3
	15	14	181	18.5	180.2	19.4	180	20.1	179	20.5	179	20.9	178.2	21.5
	17	15.5	185.2	18.7	184.5	19.6	184	20.2	184	20.7	183	21.1	182.5	21.7
	19	18	192.4	19	191.6	19.9	191	20.5	191	21	190	21.4	189.5	22
	22	20	198.3	19.2	197.4	20.1	197	20.7	196	21.2	196	21.6	195.3	22.3
	26	24	210.1	19.5	209.2	20.4	209	21.1	208	21.5	208	22	206.9	22.7
	30	28	222.1	19.8	221.2	20.7	220	21.4	220	21.8	220	22.3	218.7	23
	35	32	234.4	20	233.4	20.9	233	21.6	232	22	232	22.5	228	22.8
	39	36	246.9	20.1	245.8	21	245	21.7	245	22.2	244	22.6	228	21.6
	44	40	259.6	20.1	258.5	21	258	21.7	257	22.2	246	21.6	228	20.4
	47	43	269.3	20.1	268.1	21	267	21.7	258	21.3	246	20.6	228	19.4
	51	47	282.4	19.9	281.2	20.8	270	20.6	258	19.9	246	19.3	228	18.2
	54	50	292.4	19.7	288.5	20.4	270	19.5	258	18.9	246	18.3	228	17.3
57	53	302.5	19.5	288.5	19.3	270	18.5	258	17.9	246	17.3	228	16.3	
60	56	312.2	19.1	288.5	18.2	270	17.4	258	16.9	246	16.3	228	15.4	
100	-14.5	-15	101.8	14.5	101.3	15.2	100.9	15.7	100.7	16.1	100.6	16.3	100.2	17.0
	-12.6	-13	109.2	15.1	108.7	15.8	108	16.3	108	16.7	108	17	107.5	17.6
	-9	-9.4	122.5	16.1	122	16.8	122	17.4	121	17.8	121	18.2	120.7	18.7
	-3.64	-4	131.7	16.7	131.1	17.5	131	18.1	130	18.5	130	18.9	129.7	19.5
	-1.84	-2.2	136.3	17	135.8	17.8	135	18.4	135	18.8	135	19.2	134.3	19.8
	5.5	5	155.4	18.2	154.7	19	154	19.7	154	20.1	154	20.5	153	21.1
	9.5	8.5	164.9	18.7	164.2	19.5	164	20.2	163	20.6	163	21.1	162.4	21.7
	13	12	174.6	19.1	173.9	20	173	20.7	173	21.1	173	21.6	172	22.2
	15	14	180.2	19.4	179.4	20.3	179	21	179	21.4	178	21.9	177.5	22.5
	17	15.5	184.5	19.6	183.7	20.5	183	21.2	183	21.6	182	22.1	181.7	22.7
	19	18	191.6	19.8	190.8	20.8	190	21.5	190	21.9	189	22.4	188.7	23
	22	20	197.4	20.1	196.6	21	196	21.7	196	22.1	195	22.6	194.4	23.3
	26	24	209.2	20.4	208.3	21.3	208	22.1	207	22.5	207	23	206	23.7
	30	28	221.2	20.7	220.2	21.6	220	22.4	219	22.8	219	23.3	217.8	24
	35	32	233.4	20.9	232.4	21.8	232	22.6	231	23	231	23.5	226.9	23.9
	39	36	245.8	21	244.8	22	244	22.7	243	23.2	243	23.6	226.9	22.6
	44	40	258.5	21	257.4	22	257	22.7	256	23.2	245	22.5	226.9	21.3
	47	43	268.1	21	267	21.9	266	22.7	257	22.2	245	21.5	226.9	20.3
	51	47	281.2	20.8	280	21.8	269	21.5	257	20.8	245	20.1	226.9	19
	54	50	291.2	20.6	287.1	21.3	269	20.4	257	19.8	245	19.1	226.9	18
57	53	301.3	20.3	287.1	20.1	269	19.3	257	18.7	245	18.1	226.9	17.1	
60	56	310.8	20	287.1	19	269	18.2	257	17.6	245	17.1	226.9	16.1	

Table 134 —38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	101.3	15.2	100.8	15.9	100.6	16.5	100.4	16.7	100.1	17.1	99.8	17.6
	-12.6	-13	108.7	15.8	108.2	16.5	108	17.1	108	17.4	107	17.8	107.1	18.3
	-9	-9.4	122	16.8	121.5	17.6	121	18.2	121	18.6	121	19	120.2	19.5
	-3.64	-4	131.1	17.5	130.6	18.3	130	18.9	130	19.3	130	19.7	129.2	20.3
	-1.84	-2.2	135.8	17.8	135.2	18.6	135	19.2	134	19.6	134	20	133.7	20.7
	5.5	5	154.7	19	154.1	19.8	154	20.5	153	21	153	21.4	152.4	22
	9.5	8.5	164.2	19.5	163.5	20.4	163	21.1	163	21.5	162	22	161.7	22.7
	13	12	173.9	20	173.1	20.9	173	21.6	172	22.1	172	22.5	171.2	23.2
	15	14	179.5	20.2	178.7	21.2	178	21.9	178	22.3	177	22.8	176.7	23.5
	17	15.5	183.7	20.4	182.9	21.4	182	22.1	182	22.5	182	23	180.9	23.7
	19	18	190.8	20.7	190	21.7	189	22.4	189	22.9	189	23.3	187.9	24
	22	20	196.6	20.9	195.8	21.9	195	22.6	195	23.1	194	23.6	193.6	24.3
	26	24	208.3	21.3	207.4	22.3	207	23	206	23.5	206	24	204.2	24.6
	30	28	220.2	21.6	219.3	22.6	219	23.3	218	23.8	218	24.3	204.2	23.4
	35	32	232.4	21.8	231.4	22.8	231	23.5	230	24	221	23.4	204.2	22.2
	39	36	244.8	21.9	243.7	22.9	242	23.6	231	22.9	221	22.1	204.2	21
	44	40	257.4	21.9	256.3	22.9	242	23.2	231	21.6	221	20.9	204.2	19.8
	47	43	267	21.9	258.4	22.1	242	21.2	231	20.6	221	19.9	204.2	18.9
	51	47	279.7	21.7	258.4	20.7	242	19.8	231	19.3	221	18.7	204.2	17.7
	54	50	279.7	20.6	258.4	19.6	242	18.8	231	18.3	221	17.7	204.2	16.8
57	53	279.7	19.5	258.4	18.6	242	17.8	231	17.3	221	16.8	204.2	15.9	
60	56	279.7	18.4	258.4	17.5	242	16.8	231	16.3	221	15.8	204.2	15	
80	-14.5	-15	100.8	15.8	100.5	16.6	100.1	17.2	99.9	17.6	99.7	17.8	99.3	18.4
	-12.6	-13	108.2	16.4	107.8	17.2	107	17.8	107	18.2	107	18.5	106.6	19.1
	-9	-9.4	121.5	17.5	121	18.3	121	18.9	120	19.3	120	19.7	119.7	20.4
	-3.64	-4	130.6	18.2	130	19	130	19.7	129	20.1	129	20.5	128.6	21.1
	-1.84	-2.2	135.2	18.5	134.6	19.4	134	20	134	20.5	134	20.9	133.1	21.5
	5.5	5	154.1	19.8	153.4	20.7	153	21.4	153	21.8	152	22.3	151.7	23
	9.5	8.5	163.5	20.3	162.8	21.2	162	22	162	22.4	162	22.9	161	23.6
	13	12	173.1	20.8	172.4	21.8	172	22.5	171	23	171	23.4	170.5	24.2
	15	14	178.7	21.1	177.9	22	177	22.8	177	23.3	177	23.7	176	24.5
	17	15.5	182.9	21.3	182.1	22.2	182	23	181	23.5	181	24	180.2	24.7
	19	18	190	21.6	189.2	22.5	189	23.3	188	23.8	188	24.3	181.5	24.2
	22	20	195.8	21.8	194.9	22.8	194	23.5	194	24	193	24.5	181.5	23.7
	26	24	207.4	22.2	206.5	23.2	206	24	205	24.5	196	23.7	181.5	22.6
	30	28	219.3	22.5	218.4	23.5	215	23.9	206	23.3	196	22.6	181.5	21.5
	35	32	231.4	22.7	229.7	23.6	215	22.7	206	22.1	196	21.4	181.5	20.3
	39	36	243.7	22.8	229.7	22.3	215	21.5	206	20.9	196	20.3	181.5	19.2
	44	40	248.6	22	229.7	21.1	215	20.3	206	19.7	196	19.1	181.5	18.1
	47	43	248.6	21	229.7	20.1	215	19.3	206	18.8	196	18.2	181.5	17.3
	51	47	248.6	19.7	229.7	18.8	215	18.1	206	17.6	196	17.1	181.5	16.2
	54	50	248.6	18.7	229.7	17.9	215	17.2	206	16.7	196	16.2	181.5	15.4
57	53	248.6	17.7	229.7	16.9	215	16.3	206	15.8	196	15.3	181.5	14.6	
60	56	248.6	16.7	229.7	15.9	215	15.3	206	14.9	196	14.5	181.5	13.7	
70	-14.5	-15	100.5	16.5	100.0	17.3	99.7	17.8	99.4	18.2	99.2	18.6	99.0	19.2
	-12.6	-13	107.8	17.1	107.3	17.9	107	18.5	107	18.9	107	19.3	106.2	19.9
	-9	-9.4	121	18.2	120.5	19	120	19.7	120	20.1	120	20.5	119.2	21.2
	-3.64	-4	130	18.9	129.5	19.8	129	20.5	129	20.9	129	21.3	128.1	22
	-1.84	-2.2	134.6	19.2	134	20.1	134	20.8	133	21.3	133	21.7	132.6	22.4
	5.5	5	153.4	20.5	152.8	21.5	152	22.2	152	22.7	152	23.1	151.1	23.9
	9.5	8.5	162.8	21.1	162.1	22.1	162	22.8	161	23.3	161	23.8	158.8	24.3
	13	12	172.4	21.6	171.7	22.6	171	23.4	171	23.9	170	24.4	158.8	23.4
	15	14	177.9	21.9	177.2	22.9	177	23.7	176	24.2	172	24	158.8	22.9
	17	15.5	182.1	22.1	181.4	23.1	181	23.9	180	24.3	172	23.6	158.8	22.5
	19	18	189.2	22.4	188.4	23.4	188	24.2	180	23.6	172	23	158.8	21.9
	22	20	194.9	22.6	194.1	23.7	188	23.7	180	23.1	172	22.5	158.8	21.4
	26	24	206.5	23	201	23.5	188	22.6	180	22	172	21.4	158.8	20.4
	30	28	217.5	23.2	201	22.3	188	21.5	180	21	172	20.4	158.8	19.4
	35	32	217.5	22	201	21.2	188	20.4	180	19.9	172	19.3	158.8	18.4
	39	36	217.5	20.8	201	20	188	19.3	180	18.8	172	18.3	158.8	17.4
	44	40	217.5	19.6	201	18.9	188	18.2	180	17.7	172	17.2	158.8	16.4
	47	43	217.5	18.7	201	18	188	17.4	180	16.9	172	16.4	158.8	15.7
	51	47	217.5	17.6	201	16.9	188	16.3	180	15.8	172	15.4	158.8	14.7
	54	50	217.5	16.7	201	16	188	15.4	180	15	172	14.6	158.8	13.9
57	53	217.5	15.8	201	15.1	188	14.6	180	14.2	172	13.8	158.8	13.2	
60	56	217.5	14.9	201	14.3	188	13.8	180	13.4	172	13	158.8	12.4	

Table 134 —38VMA240RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	100.0	17.0	99.6	17.8	99.2	18.5	99.1	18.9	98.9	19.3	98.5	19.8
	-12.6	-13	107.3	17.7	106.9	18.5	107	19.2	106	19.6	106	20	105.7	20.6
	-9	-9.4	120.5	18.9	120	19.8	120	20.4	119	20.9	119	21.3	118.7	22
	-3.64	-4	129.5	19.6	128.9	20.5	129	21.2	128	21.7	128	22.1	127.5	22.8
	-1.84	-2.2	134	20	133.5	20.9	133	21.6	133	22.1	133	22.5	132	23.2
	5.5	5	152.8	21.3	152.1	22.3	152	23	151	23.5	147	23.4	136.1	22.4
	9.5	8.5	162.1	21.9	161.4	22.9	161	23.7	154	23.2	147	22.6	136.1	21.6
	13	12	171.6	22.4	170.9	23.5	161	22.9	154	22.3	147	21.8	136.1	20.8
	15	14	177.2	22.7	172.3	23.2	161	22.4	154	21.9	147	21.3	136.1	20.4
	17	15.5	181.4	22.9	172.3	22.8	161	22	154	21.5	147	20.9	136.1	20
	19	18	186.5	23	172.3	22.1	161	21.4	154	20.9	147	20.4	136.1	19.5
	22	20	186.5	22.4	172.3	21.6	161	20.9	154	20.4	147	19.9	136.1	19
	26	24	186.5	21.4	172.3	20.6	161	20	154	19.5	147	19	136.1	18.1
	30	28	186.5	20.4	172.3	19.6	161	19	154	18.5	147	18	136.1	17.3
	35	32	186.5	19.3	172.3	18.6	161	18	154	17.6	147	17.1	136.1	16.4
	39	36	186.5	18.3	172.3	17.6	161	17	154	16.6	147	16.2	136.1	15.5
	44	40	186.5	17.2	172.3	16.6	161	16.1	154	15.7	147	15.3	136.1	14.6
	47	43	186.5	16.4	172.3	15.8	161	15.3	154	15	147	14.6	136.1	13.9
	51	47	186.5	15.4	172.3	14.8	161	14.3	154	14	147	13.6	136.1	13
	54	50	186.5	14.6	172.3	14.1	161	13.6	154	13.3	147	12.9	136.1	12.4
57	53	186.5	13.8	172.3	13.3	161	12.9	154	12.6	147	12.2	136.1	11.7	
60	56	186.5	13	172.3	12.6	161	12.2	154	11.9	147	11.6	136.1	11	
50	-14.5	-15	99.6	17.7	99.2	18.5	98.9	19.2	98.6	19.6	98.4	19.9	98.2	21.1
	-12.6	-13	106.9	18.4	106.4	19.2	106	19.9	106	20.3	106	20.7	105.3	21.4
	-9	-9.4	120	19.6	119.4	20.5	119	21.2	119	21.6	119	22.1	113.4	21.9
	-3.64	-4	128.9	20.3	128.4	21.3	128	22	128	22.5	123	22.1	113.4	21.2
	-1.84	-2.2	133.5	20.7	132.9	21.6	133	22.4	129	22.2	123	21.7	113.4	20.8
	5.5	5	152.1	22.1	143.6	21.8	134	21.2	129	20.7	123	20.3	113.4	19.5
	9.5	8.5	155.4	21.8	143.6	21.1	134	20.5	129	20	123	19.6	113.4	18.8
	13	12	155.4	21	143.6	20.3	134	19.7	129	19.3	123	18.9	113.4	18.1
	15	14	155.4	20.5	143.6	19.9	134	19.3	129	18.9	123	18.5	113.4	17.7
	17	15.5	155.4	20.2	143.6	19.6	134	19	129	18.6	123	18.2	113.4	17.4
	19	18	155.4	19.6	143.6	19	134	18.5	129	18.1	123	17.6	113.4	16.9
	22	20	155.4	19.2	143.6	18.6	134	18	129	17.7	123	17.2	113.4	16.6
	26	24	155.4	18.3	143.6	17.7	134	17.2	129	16.8	123	16.4	113.4	15.8
	30	28	155.4	17.4	143.6	16.9	134	16.4	129	16	123	15.6	113.4	15
	35	32	155.4	16.5	143.6	16	134	15.5	129	15.2	123	14.8	113.4	14.2
	39	36	155.4	15.6	143.6	15.1	134	14.7	129	14.4	123	14	113.4	13.5
	44	40	155.4	14.7	143.6	14.3	134	13.8	129	13.5	123	13.2	113.4	12.7
	47	43	155.4	14.1	143.6	13.6	134	13.2	129	12.9	123	12.6	113.4	12.1
	51	47	155.4	13.2	143.6	12.7	134	12.4	129	12.1	123	11.8	113.4	11.4
	54	50	155.4	12.5	143.6	12.1	134	11.7	129	11.5	123	11.2	113.4	10.8
57	53	155.4	11.8	143.6	11.4	134	11.1	129	10.9	123	10.6	113.4	10.2	
60	56	155.4	11.1	143.6	10.8	134	10.5	129	10.3	123	10	113.4	9.6	

Tc: Total Capacity PI: Power Input

Table 135 —38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor		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	-14.5	-15	135.0	12.6	134.4	13.2	134.0	13.5	133.7	13.8	133.4	14.1	132.9	14.6
	-12.6	-13	145.4	13.2	144.8	13.8	144.3	14.2	144	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	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	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	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	17.7	236	18.5	235.2	19.1	234.7	19.5	234.2	19.9	233.5	20.5
	15	14	244.9	18	243.8	18.8	243	19.4	242.5	19.8	242	20.2	241.2	20.8
	17	15.5	250.8	18.2	249.8	19	248.9	19.6	248.4	20	247.9	20.4	247.3	20.7
	19	18	260.8	18.5	259.7	19.3	258.9	20	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	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	243.5	16
	44	40	333.6	18.7	308.2	17.8	288.5	17.1	275.8	16.5	263.2	16	243.5	15.1
	47	43	333.6	17.9	308.2	17	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	263.2	13.6	243.5	12.8
57	53	333.6	15	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	-14.5	-15	134.4	13.2	133.9	13.9	133.4	14.4	133.1	14.7	132.8	15.0	132.4	15.5
	-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	161	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	16.9	181.4	17.5	181	17.8	180.6	18.2	180	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	220.9	19.6	220.4	20	219.9	20.4	219.2	21
	13	12	236.1	18.7	235.1	19.5	234.3	20.2	233.8	20.6	233.3	21	232.5	21.7
	15	14	243.9	19	242.8	19.9	242	20.5	241.5	21	241	21.4	240.2	22
	17	15.5	249.8	19.2	248.7	20.1	247.9	20.8	247.4	21.2	246.9	21.6	246.2	21.9
	19	18	259.8	19.6	258.7	20.5	257.8	21.2	257.2	21.6	256.7	22	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	21.9	274.7	21.8	262.1	21	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	242.5	18.9
	35	32	317.8	21	306.9	21.2	287.3	20.3	274.7	19.6	262.1	19	242.5	17.9
	39	36	332.2	21	306.9	20	287.3	19.2	274.7	18.6	262.1	18	242.5	17
	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
	47	43	332.2	18.9	306.9	18	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	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	262.1	13.6	242.5	12.8	
60	56	332.2	15	306.9	14.3	287.3	13.7	274.7	13.3	262.1	12.8	242.5	12.1	
130	-14.5	-15	133.9	14.0	133.3	14.7	132.8	15.2	132.6	15.6	132.3	15.9	131.8	16.3
	-12.6	-13	144.2	14.7	143.6	15.4	143.1	15.9	142.8	16.3	142.5	16.6	142	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	173.8	18.4	173.5	18.8	172.9	19.4
	-1.84	-2.2	182	17	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	206.4	20.4	206	20.8	205.3	21.4
	9.5	8.5	221.6	19.1	220.7	20	220	20.7	219.5	21.1	219	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	241.8	21	241	21.7	240.5	22.1	240	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	23.3	241.5	22
	26	24	283	21.4	281.8	22.4	280.8	23.1	273.6	22.9	261	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	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	20	241.5	18.9
	39	36	330.8	22.2	305.6	21.1	286.2	20.2	273.6	19.6	261	18.9	241.5	17.9
	44	40	330.8	20.9	305.6	19.9	286.2	19	273.6	18.5	261	17.8	241.5	16.9
	47	43	330.8	19.9	305.6	19	286.2	18.2	273.6	17.6	261	17	241.5	16.1
	51	47	330.8	18.7	305.6	17.8	286.2	17	273.6	16.5	261	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	15.1	241.5	14.3
57	53	330.8	16.8	305.6	16	286.2	15.3	273.6	14.8	261	14.3	241.5	13.5	
60	56	330.8	15.8	305.6	15.1	286.2	14.4	273.6	14	261	13.5	241.5	12.8	

Table 135 —38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor		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	-14.5	-15	133.3	14.8	132.8	15.5	132.3	15.9	132.0	16.3	131.7	16.6	131.2	17.2
	-12.6	-13	143.6	15.5	143	16.2	142.5	16.7	142.2	17.1	141.9	17.4	141.4	18
	-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	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	21	205.5	21.4	205.1	21.9	204.4	22.5
	9.5	8.5	220.7	20.1	219.8	21	219	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
	15	14	241.9	21.1	240.8	22	240	22.8	239.5	23.2	239	23.7	238.2	24.4
	17	15.5	247.7	21.3	246.7	22.3	245.9	23	245.3	23.5	244.8	24	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	264.5	23	263.6	23.8	263	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
	30	28	298.3	22.9	297	24	285	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	22.4	272.4	21.8	259.9	21	240.5	19.9
	39	36	329.4	23.3	304.3	22.2	285	21.2	272.4	20.6	259.9	19.9	240.5	18.8
	44	40	329.4	22	304.3	20.9	285	20	272.4	19.4	259.9	18.8	240.5	17.7
	47	43	329.4	21	304.3	20	285	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	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	17	272.4	16.5	259.9	15.9	240.5	15
57	53	329.4	17.6	304.3	16.8	285	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	15.1	272.4	14.7	259.9	14.2	240.5	13.4	
110	-14.5	-15	132.7	15.5	132.2	16.2	131.7	16.8	131.4	17.1	131.2	17.5	130.7	18.1
	-12.6	-13	143	16.2	142.4	17	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	159.9	19.4	159.5	19.8	159	20.4
	-3.64	-4	174.1	18.4	173.3	19.2	172.8	19.9	172.4	20.3	172	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	204.7	22.5	204.2	22.9	203.6	23.6
	9.5	8.5	219.8	21.1	218.8	22	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	230.4	24.5	229.6	25.2
	15	14	240.8	22.1	239.8	23.1	239	23.9	238.5	24.4	238	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	25.1	253.5	25.6	239.5	24.8
	22	20	264.5	23	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	295.8	25.1	283.8	24.8	271.3	24	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	239.5	20.8
	39	36	328	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	23	303.1	21.9	283.8	21	271.3	20.3	258.8	19.7	239.5	18.6
	47	43	328	22	303.1	20.9	283.8	20	271.3	19.4	258.8	18.8	239.5	17.7
	51	47	328	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	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	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	17.4	303.1	16.6	283.8	15.9	271.3	15.4	258.8	14.9	239.5	14.1	
100	-14.5	-15	132.2	16.3	131.6	17.0	131.1	17.6	130.9	18.0	130.6	18.2	130.2	18.8
	-12.6	-13	142.4	17	141.8	17.8	141.3	18.4	141	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	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	21.7	177.6	22.2	177	22.8
	5.5	5	205.8	21.3	204.9	22.3	204.3	23	203.8	23.5	203.4	24	202.7	24.7
	9.5	8.5	218.9	22	217.9	23	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	24.9	237.5	25.5	237	26	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	26.2	252.4	26.7	238.4	25.9
	22	20	263.4	24.1	262.3	25.2	261.4	26	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	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	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	23.8	257.6	23	238.4	21.8
	39	36	326.5	25.5	301.6	24.3	282.4	23.2	270	22.5	257.6	21.8	238.4	20.6
	44	40	326.5	24	301.6	22.9	282.4	21.9	270	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	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	19	257.6	18.3	238.4	17.3
	54	50	326.5	20.4	301.6	19.4	282.4	18.6	270	18	257.6	17.4	238.4	16.4
57	53	326.5	19.3	301.6	18.4	282.4	17.6	270	17	257.6	16.5	238.4	15.6	
60	56	326.5	18.2	301.6	17.3	282.4	16.6	270	16.1	257.6	15.5	238.4	14.7	

Table 135 —38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor		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	-14.5	-15	131.6	16.9	131.1	17.7	130.6	18.4	130.3	18.8	130.0	19.1	129.7	19.7
	-12.6	-13	141.8	17.7	141.2	18.5	140.7	19.2	140.4	19.6	140.1	20	139.7	20.6
	-9	-9.4	160.1	19.1	159.4	20	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	171.3	21.7	170.9	22.2	170.6	22.6	170	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	203	24.5	202.5	25	201.9	25.8
	9.5	8.5	217.9	23	217	24	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	26	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	26.2	231.8	25.4	214.5	24
	22	20	262.3	25.1	261.1	26.3	254.2	26.4	243	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	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	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	22	231.8	21.3	214.5	20.2
	39	36	293.8	23.4	271.5	22.4	254.2	21.5	243	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	19.6	231.8	19	214.5	18
	47	43	293.8	21.1	271.5	20.1	254.2	19.3	243	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	17.6	231.8	17	214.5	16.1
	54	50	293.8	18.7	271.5	17.9	254.2	17.2	243	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	15.8	231.8	15.3	214.5	14.5	
60	56	293.8	16.7	271.5	16	254.2	15.3	243	14.9	231.8	14.4	214.5	13.6	
80	-14.5	-15	131.1	17.6	130.5	18.4	130.0	19.1	129.7	19.5	129.5	19.9	129.2	20.6
	-12.6	-13	141.2	18.4	140.6	19.3	140.1	20	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	157.5	22.5	157	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	202.1	25.5	201.7	26	190.7	25.3
	9.5	8.5	217	23.9	216.1	25	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	25.6	206.1	24.8	190.7	23.6
	15	14	237.8	25	236.8	26.2	225.9	25.7	216	25	206.1	24.3	190.7	23.1
	17	15.5	243.6	25.3	241.3	26.3	225.9	25.3	216	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	23.9	206.1	23.2	190.7	22.1
	22	20	261.1	26.1	241.3	25	225.9	24.1	216	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	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	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	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	19	206.1	18.5	190.7	17.5
	44	40	261.2	20	241.3	19.2	225.9	18.5	216	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	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	16	206.1	15.6	190.7	14.8
	54	50	261.2	17	241.3	16.3	225.9	15.7	216	15.2	206.1	14.8	190.7	14
57	53	261.2	16.1	241.3	15.4	225.9	14.8	216	14.4	206.1	14	190.7	13.3	
60	56	261.2	15.2	241.3	14.5	225.9	14	216	13.6	206.1	13.2	190.7	12.5	
70	-14.5	-15	130.5	18.4	129.9	19.2	129.5	19.9	129.2	20.3	128.9	20.6	128.6	21.3
	-12.6	-13	140.6	19.2	140	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	169.1	24.5	166.9	25
	-1.84	-2.2	177.4	22.2	176.7	23.2	176.1	24	175.7	24.5	175.3	25	166.9	24.5
	5.5	5	203.2	24	202.3	25.1	197.7	25.4	189	24.7	180.3	24	166.9	22.9
	9.5	8.5	216.1	24.8	211.1	25.4	197.7	24.5	189	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	23	180.3	22.4	166.9	21.3
	15	14	228.5	25	211.1	24	197.7	23.1	189	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	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	21.6	180.3	20.9	166.9	20
	22	20	228.5	23.3	211.1	22.4	197.7	21.6	189	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	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	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	18.1	180.3	17.6	166.9	16.8
	39	36	228.5	19	211.1	18.2	197.7	17.6	189	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	16.2	180.3	15.7	166.9	15
	47	43	228.5	17.1	211.1	16.4	197.7	15.8	189	15.4	180.3	15	166.9	14.3
	51	47	228.5	16	211.1	15.4	197.7	14.8	189	14.4	180.3	14	166.9	13.4
	54	50	228.5	15.2	211.1	14.6	197.7	14.1	189	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	13	180.3	12.6	166.9	12	
60	56	228.5	13.6	211.1	13	197.7	12.6	189	12.2	180.3	11.9	166.9	11.3	

Table 135 —38VMA240RDL5-1 (RDL6-1)

Combination	Outdoor		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	-14.5	-15	129.9	19.0	129.4	19.9	128.9	20.5	128.7	21.1	128.4	21.5	128.2	23.2
	-12.6	-13	140	19.9	139.4	20.8	138.9	21.5	138.6	22	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	143	22.9
	-3.64	-4	170.4	22.5	169.7	23.6	169.1	24.4	162	23.8	154.5	23.2	143	22.2
	-1.84	-2.2	176.7	23	175.9	24.1	169.5	24	162	23.4	154.5	22.8	143	21.8
	5.5	5	195.9	24	181	23.2	169.5	22.4	162	21.9	154.5	21.3	143	20.4
	9.5	8.5	195.9	23.2	181	22.4	169.5	21.6	162	21.1	154.5	20.6	143	19.7
	13	12	195.9	22.4	181	21.6	169.5	20.9	162	20.4	154.5	19.8	143	19
	15	14	195.9	21.9	181	21.1	169.5	20.4	162	19.9	154.5	19.4	143	18.6
	17	15.5	195.9	21.5	181	20.8	169.5	20.1	162	19.6	154.5	19.1	143	18.2
	19	18	195.9	20.9	181	20.2	169.5	19.5	162	19.1	154.5	18.6	143	17.7
	22	20	195.9	20.5	181	19.7	169.5	19.1	162	18.6	154.5	18.1	143	17.3
	26	24	195.9	19.5	181	18.8	169.5	18.2	162	17.8	154.5	17.3	143	16.5
	30	28	195.9	18.5	181	17.9	169.5	17.3	162	16.9	154.5	16.4	143	15.7
	35	32	195.9	17.6	181	17	169.5	16.4	162	16	154.5	15.6	143	14.9
	39	36	195.9	16.6	181	16	169.5	15.5	162	15.1	154.5	14.8	143	14.1
	44	40	195.9	15.7	181	15.1	169.5	14.6	162	14.3	154.5	13.9	143	13.3
	47	43	195.9	15	181	14.4	169.5	14	162	13.6	154.5	13.3	143	12.7
	51	47	195.9	14	181	13.5	169.5	13.1	162	12.8	154.5	12.4	143	11.9
	54	50	195.9	13.3	181	12.8	169.5	12.4	162	12.1	154.5	11.8	143	11.3
57	53	195.9	12.6	181	12.1	169.5	11.7	162	11.5	154.5	11.2	143	10.7	
60	56	195.9	11.9	181	11.4	169.5	11.1	162	10.8	154.5	10.5	143	10.1	
50	-14.5	-15	129.4	19.7	129.1	21.2	128.7	22.6	128.5	22.9	128.1	22.4	119.2	21.5
	-12.6	-13	139.4	20.6	138.8	21.6	138.3	22.3	135	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	21.3	128.8	20.8	119.2	19.9
	-3.64	-4	163.2	22.4	150.8	21.7	141.2	21	135	20.6	128.8	20.1	119.2	19.3
	-1.84	-2.2	163.2	22	150.8	21.3	141.2	20.7	135	20.3	128.8	19.8	119.2	19
	5.5	5	163.2	20.6	150.8	19.9	141.2	19.3	135	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	18.3	128.8	17.8	119.2	17.1
	13	12	163.2	19.1	150.8	18.5	141.2	18	135	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	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	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	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	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	15.3	128.8	15	119.2	14.4
	30	28	163.2	15.9	150.8	15.4	141.2	14.9	135	14.6	128.8	14.3	119.2	13.7
	35	32	163.2	15	150.8	14.6	141.2	14.1	135	13.8	128.8	13.5	119.2	13
	39	36	163.2	14.2	150.8	13.8	141.2	13.4	135	13.1	128.8	12.8	119.2	12.3
	44	40	163.2	13.4	150.8	13	141.2	12.6	135	12.3	128.8	12.1	119.2	11.6
	47	43	163.2	12.8	150.8	12.4	141.2	12	135	11.8	128.8	11.5	119.2	11
	51	47	163.2	12	150.8	11.6	141.2	11.3	135	11	128.8	10.8	119.2	10.3
	54	50	163.2	11.4	150.8	11	141.2	10.7	135	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	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	9.3	128.8	9.1	119.2	8.8	

Tc: Total Capacity PI: Power Input

Table 136 —38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	135.3	12.9	134.8	13.5	134.3	13.9	134.0	14.2	133.8	14.5	133.3	15.0
	-12.6	-13	145.8	13.5	145.2	14.1	145	14.6	144	14.9	144.1	15.2	143.6	15.7
	-9	-9.4	164.7	14.6	164	15.2	163	15.8	163	16.1	162.7	16.4	162.2	16.9
	-3.64	-4	177.5	15.2	176.8	16	176	16.5	176	16.8	175.4	17.2	174.9	17.7
	-1.84	-2.2	184.1	15.6	183.3	16.3	183	16.8	182	17.2	181.9	17.6	181.3	18.1
	5.5	5	210.8	16.8	209.9	17.6	209	18.2	209	18.6	208.3	19	207.6	19.5
	9.5	8.5	224.2	17.4	223.2	18.2	223	18.8	222	19.2	221.5	19.6	220.8	20.2
	13	12	237.8	17.9	236.7	18.7	236	19.4	236	19.8	235	20.2	234.2	20.8
	15	14	245.6	18.2	244.6	19	244	19.7	243	20.1	242.7	20.5	241.9	21.1
	17	15.5	251.6	18.4	250.5	19.2	250	19.9	249	20.3	248.6	20.7	247.8	21.3
	19	18	261.6	18.7	260.5	19.6	260	20.2	259	20.6	258.5	21.1	257.7	21.7
	22	20	269.7	18.9	268.6	19.8	268	20.5	267	20.9	266.6	21.3	265.7	22
	26	24	286.2	19.4	285	20.2	284	20.9	283	21.4	282.8	21.8	282.1	22.4
	30	28	303	19.7	301.7	20.6	301	21.3	300	21.7	287.5	21.1	286.8	22.8
	35	32	320.1	20	318.7	20.9	315	21.4	301	20.7	287.5	20	286.8	23.3
	39	36	337.5	20.2	336	21.1	315	20.2	301	19.6	287.5	19	286.8	23.8
	44	40	355.2	20.3	336.7	19.9	315	19.1	301	18.5	287.5	17.9	286.8	24.3
	47	43	364.4	20	336.7	19	315	18.2	301	17.7	287.5	17.1	286.8	24.8
	51	47	364.4	18.7	336.7	17.8	315	17.1	301	16.5	287.5	16	286.8	25.3
	54	50	364.4	17.8	336.7	16.9	315	16.2	301	15.7	287.5	15.2	286.8	25.8
57	53	364.4	16.8	336.7	16	315	15.3	301	14.8	287.5	14.3	286.8	26.3	
60	56	364.4	15.9	336.7	15.1	315	14.4	301	14	287.5	13.5	286.8	26.8	
140	-14.5	-15	134.8	13.7	134.2	14.4	133.9	14.8	133.5	15.1	133.2	15.4	132.9	15.9
	-12.6	-13	145.2	14.3	144.6	15	144	15.5	144	15.8	143.5	16.1	143.1	16.6
	-9	-9.4	164	15.4	163.3	16.1	163	16.7	162	17	162.1	17.4	161.5	17.9
	-3.64	-4	176.8	16.1	176	16.9	176	17.5	175	17.8	174.7	18.2	174.1	18.8
	-1.84	-2.2	183.3	16.5	182.5	17.3	182	17.8	182	18.2	181.1	18.6	180.5	19.2
	5.5	5	209.9	17.8	209	18.6	208	19.3	208	19.7	207.4	20.1	206.8	20.7
	9.5	8.5	223.2	18.4	222.3	19.2	222	19.9	221	20.3	220.6	20.7	219.9	21.4
	13	12	236.8	18.9	235.8	19.8	235	20.5	235	20.9	234	21.3	233.2	22
	15	14	244.6	19.2	243.6	20.1	243	20.8	242	21.2	241.7	21.7	240.9	22.3
	17	15.5	250.6	19.5	249.5	20.3	249	21	248	21.5	247.6	21.9	246.8	22.6
	19	18	260.5	19.8	259.4	20.7	259	21.4	258	21.8	257.5	22.3	256.6	23
	22	20	268.6	20	267.5	21	267	21.7	266	22.1	265.5	22.6	264.6	23.2
	26	24	285	20.5	283.8	21.4	283	22.1	282	22.6	281.7	23.1	281	23.7
	30	28	301.7	20.9	300.4	21.8	300	22.5	299	23	286.3	22.4	285.6	24.2
	35	32	318.7	21.2	317.4	22.1	314	22.6	300	21.9	286.3	21.2	285.6	24.7
	39	36	336.1	21.4	334.6	22.3	314	21.4	300	20.8	286.3	20.1	285.6	25.2
	44	40	353.7	21.5	335.3	21.1	314	20.2	300	19.6	286.3	18.9	285.6	25.7
	47	43	362.9	21.2	335.3	20.1	314	19.3	300	18.7	286.3	18.1	285.6	26.2
	51	47	362.9	19.8	335.3	18.9	314	18	300	17.5	286.3	16.9	285.6	26.7
	54	50	362.9	18.8	335.3	17.9	314	17.1	300	16.6	286.3	16	285.6	27.2
57	53	362.9	17.8	335.3	16.9	314	16.2	300	15.7	286.3	15.2	285.6	27.7	
60	56	362.9	16.8	335.3	16	314	15.3	300	14.8	286.3	14.3	285.6	28.2	
130	-14.5	-15	134.2	14.4	133.7	15.1	133.3	15.6	132.9	16.0	132.6	16.2	132.3	16.9
	-12.6	-13	144.6	15.1	144	15.8	144	16.3	143	16.7	142.9	17	142.5	17.6
	-9	-9.4	163.3	16.3	162.6	17	162	17.6	162	18	161.4	18.4	160.8	18.9
	-3.64	-4	176.1	17	175.3	17.8	175	18.4	174	18.8	174	19.2	173.4	19.8
	-1.84	-2.2	182.5	17.4	181.8	18.2	181	18.8	181	19.2	180.4	19.6	179.8	20.2
	5.5	5	209.1	18.8	208.2	19.6	208	20.3	207	20.7	206.6	21.2	205.9	21.8
	9.5	8.5	222.3	19.4	221.4	20.3	221	21	220	21.4	219.7	21.9	219	22.5
	13	12	235.8	20	234.8	20.9	234	21.6	234	22.1	233	22.5	232.2	23.2
	15	14	243.6	20.3	242.6	21.2	242	21.9	241	22.4	240.7	22.9	239.9	23.6
	17	15.5	249.5	20.5	248.5	21.5	248	22.2	247	22.6	246.6	23.1	245.8	23.8
	19	18	259.5	20.9	258.4	21.8	258	22.6	257	23	256.4	23.5	255.6	24.2
	22	20	267.5	21.1	266.4	22.1	266	22.8	265	23.3	264.4	23.8	263.5	24.5
	26	24	283.8	21.6	282.6	22.6	282	23.3	281	23.8	280.5	24.3	279.6	24.9
	30	28	300.5	22	299.2	23	298	23.8	298	24.3	285.1	23.6	284.2	25.3
	35	32	317.4	22.3	316.1	23.3	313	23.9	299	23.1	285.1	22.4	284.2	25.8
	39	36	334.7	22.5	333.3	23.5	313	22.6	299	21.9	285.1	21.2	284.2	26.3
	44	40	352.2	22.6	333.9	22.2	313	21.3	299	20.6	285.1	19.9	284.2	26.8
	47	43	361.4	22.3	333.9	21.2	313	20.3	299	19.7	285.1	19	284.2	27.3
	51	47	361.4	20.9	333.9	19.9	313	19	299	18.4	285.1	17.8	284.2	27.8
	54	50	361.4	19.8	333.9	18.9	313	18.1	299	17.5	285.1	16.9	284.2	28.3
57	53	361.4	18.7	333.9	17.8	313	17.1	299	16.6	285.1	16	284.2	28.8	
60	56	361.4	17.7	333.9	16.8	313	16.1	299	15.6	285.1	15.1	284.2	29.3	

Table 136 —38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	133.7	15.2	133.1	15.9	132.8	16.5	132.3	16.9	132.1	17.1	131.7	17.7
	-12.6	-13	144	15.9	143.4	16.6	143	17.2	143	17.6	142.3	17.9	141.9	18.5
	-9	-9.4	162.6	17.1	161.9	17.9	161	18.5	161	18.9	160.7	19.3	160.2	19.9
	-3.64	-4	175.3	17.9	174.6	18.7	174	19.4	174	19.8	173.3	20.2	172.7	20.8
	-1.84	-2.2	181.8	18.3	181	19.1	180	19.8	180	20.2	179.6	20.6	179	21.3
	5.5	5	208.2	19.7	207.3	20.7	207	21.4	206	21.8	205.7	22.2	205	22.9
	9.5	8.5	221.4	20.4	220.4	21.3	220	22.1	219	22.5	218.8	23	218	23.7
	13	12	234.8	21	233.8	22	233	22.7	233	23.2	232	23.7	231.3	24.4
	15	14	242.6	21.3	241.6	22.3	241	23.1	240	23.5	239.7	24	238.9	24.8
	17	15.5	248.5	21.6	247.4	22.6	247	23.3	246	23.8	245.5	24.3	244.7	25
	19	18	258.4	21.9	257.3	22.9	256	23.7	256	24.2	255.3	24.7	254.5	25.5
	22	20	266.4	22.2	265.3	23.2	264	24	264	24.5	263.3	25	262.4	25.8
	26	24	282.7	22.7	281.5	23.7	281	24.5	280	25	279.3	25.6	262.8	24.6
	30	28	299.2	23.1	298	24.2	297	25	296	25.5	284	24.8	262.8	23.4
	35	32	316.1	23.4	314.8	24.5	311	25.1	298	24.3	284	23.5	262.8	22.2
	39	36	333.3	23.7	331.9	24.7	311	23.7	298	23	284	22.2	262.8	21
	44	40	350.8	23.8	332.5	23.4	311	22.4	298	21.7	284	21	262.8	19.8
	47	43	359.9	23.4	332.5	22.3	311	21.4	298	20.7	284	20	262.8	18.9
	51	47	359.9	21.9	332.5	20.9	311	20	298	19.4	284	18.7	262.8	17.7
	54	50	359.9	20.8	332.5	19.8	311	19	298	18.4	284	17.8	262.8	16.8
57	53	359.9	19.7	332.5	18.8	311	18	298	17.4	284	16.8	262.8	15.9	
60	56	359.9	18.6	332.5	17.7	311	16.9	298	16.4	284	15.9	262.8	15	
110	-14.5	-15	133.1	16.0	132.5	16.6	132.2	17.2	131.9	17.6	131.5	18.0	131.2	18.6
	-12.6	-13	143.4	16.7	142.8	17.4	142	18	142	18.4	141.7	18.8	141.3	19.4
	-9	-9.4	161.9	18	161.3	18.8	161	19.4	160	19.8	160	20.2	159.5	20.9
	-3.64	-4	174.6	18.8	173.9	19.6	173	20.3	173	20.7	172.5	21.2	172	21.8
	-1.84	-2.2	181	19.2	180.2	20.1	180	20.8	179	21.2	178.9	21.6	178.3	22.3
	5.5	5	207.3	20.7	206.4	21.7	206	22.4	205	22.9	204.9	23.3	204.2	24
	9.5	8.5	220.5	21.4	219.5	22.4	219	23.1	218	23.6	217.9	24.1	217.1	24.8
	13	12	233.8	22	232.8	23	232	23.8	232	24.3	231.1	24.8	230.3	25.6
	15	14	241.6	22.4	240.6	23.4	240	24.2	239	24.7	238.7	25.2	237.9	26
	17	15.5	247.4	22.6	246.4	23.6	246	24.4	245	24.9	244.5	25.5	243.7	26.2
	19	18	257.3	23	256.2	24	255	24.9	255	25.4	254.3	25.9	253.4	26.7
	22	20	265.3	23.3	264.2	24.3	263	25.2	263	25.7	262.2	26.2	261.3	27
	26	24	281.5	23.8	280.3	24.9	279	25.7	279	26.3	278.2	26.8	261.7	25.8
	30	28	298	24.2	296.7	25.3	296	26.2	295	26.7	282.8	26	261.7	24.5
	35	32	314.8	24.6	313.4	25.7	310	26.3	296	25.5	282.8	24.6	261.7	23.3
	39	36	331.9	24.8	330.5	25.9	310	24.9	296	24.1	282.8	23.3	261.7	22
	44	40	349.3	24.9	331.1	24.5	310	23.4	296	22.7	282.8	22	261.7	20.8
	47	43	358.4	24.5	331.1	23.4	310	22.4	296	21.7	282.8	21	261.7	19.8
	51	47	358.4	23	331.1	21.9	310	20.9	296	20.3	282.8	19.6	261.7	18.5
	54	50	358.4	21.8	331.1	20.8	310	19.9	296	19.3	282.8	18.6	261.7	17.6
57	53	358.4	20.6	331.1	19.7	310	18.8	296	18.2	282.8	17.6	261.7	16.7	
60	56	358.4	19.5	331.1	18.5	310	17.7	296	17.2	282.8	16.6	261.7	15.7	
100	-14.5	-15	132.5	16.6	132.0	17.4	131.6	18.1	131.4	18.5	131.1	18.9	130.6	19.5
	-12.6	-13	142.8	17.4	142.2	18.2	142	18.9	142	19.3	141.2	19.7	140.7	20.3
	-9	-9.4	161.3	18.8	160.6	19.7	160	20.3	160	20.8	159.4	21.2	158.8	21.8
	-3.64	-4	173.9	19.6	173.1	20.6	173	21.3	172	21.7	171.8	22.1	171.2	22.8
	-1.84	-2.2	180.3	20.1	179.5	21	179	21.7	179	22.2	178.1	22.6	177.5	23.3
	5.5	5	206.4	21.6	205.6	22.6	205	23.4	204	23.9	204	24.4	203.3	25.1
	9.5	8.5	219.5	22.4	218.6	23.4	218	24.2	217	24.7	216.9	25.2	216.2	26
	13	12	232.8	23	231.9	24.1	231	24.9	231	25.4	230.1	25.9	229.3	26.7
	15	14	240.6	23.4	239.5	24.5	239	25.3	238	25.8	237.7	26.3	236.9	27.1
	17	15.5	246.4	23.6	245.4	24.7	245	25.5	244	26.1	243.5	26.6	242.7	27.4
	19	18	256.2	24	255.1	25.1	254	26	254	26.5	253.2	27.1	252.4	27.9
	22	20	264.2	24.3	263	25.5	262	26.3	262	26.9	261.1	27.4	260.2	28.2
	26	24	280.3	24.9	279.1	26	278	26.9	278	27.4	277	28	260.4	26.9
	30	28	296.7	25.3	295.5	26.5	295	27.4	294	27.9	281.4	27.1	260.4	25.6
	35	32	313.5	25.7	312.1	26.8	309	27.5	295	26.6	281.4	25.7	260.4	24.3
	39	36	330.5	25.9	329.1	27.1	309	26	295	25.2	281.4	24.3	260.4	23
	44	40	347.8	26	329.6	25.6	309	24.5	295	23.7	281.4	23	260.4	21.7
	47	43	356.7	25.6	329.6	24.4	309	23.4	295	22.7	281.4	21.9	260.4	20.7
	51	47	356.7	24	329.6	22.9	309	21.9	295	21.2	281.4	20.5	260.4	19.4
	54	50	356.7	22.8	329.6	21.7	309	20.8	295	20.1	281.4	19.5	260.4	18.4
57	53	356.7	21.6	329.6	20.5	309	19.6	295	19	281.4	18.4	260.4	17.4	
60	56	356.7	20.3	329.6	19.4	309	18.5	295	18	281.4	17.4	260.4	16.4	

Table 136 —38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	132.0	17.4	131.4	18.2	131.1	18.9	130.8	19.2	130.5	19.6	130.0	20.3
	-12.6	-13	142.2	18.2	141.6	19	141	19.7	141	20.1	140.6	20.5	140.1	21.2
	-9	-9.4	160.6	19.6	159.9	20.5	159	21.2	159	21.7	158.7	22.1	158.2	22.8
	-3.64	-4	173.1	20.5	172.4	21.4	172	22.2	172	22.6	171.1	23.1	170.5	23.8
	-1.84	-2.2	179.5	20.9	178.7	21.9	178	22.6	178	23.1	177.4	23.6	176.8	24.3
	5.5	5	205.6	22.6	204.7	23.6	204	24.4	204	24.9	203.1	25.5	202.5	26.2
	9.5	8.5	218.6	23.3	217.7	24.4	217	25.2	217	25.8	216	26.3	215.3	27.1
	13	12	231.9	24	230.9	25.1	230	26	230	26.5	229.1	27	228.4	27.9
	15	14	239.5	24.4	238.5	25.5	238	26.4	237	26.9	236.7	27.5	234.4	28.1
	17	15.5	245.4	24.7	244.3	25.8	244	26.6	243	27.2	242.5	27.8	234.4	27.6
	19	18	255.1	25.1	254.1	26.2	253	27.1	253	27.7	252.1	28.2	234.4	26.9
	22	20	263.1	25.4	261.9	26.5	261	27.4	261	28	253.3	27.7	234.4	26.3
	26	24	279.1	25.9	277.9	27.1	277	28	266	27.3	253.3	26.4	234.4	25
	30	28	295.5	26.4	294.2	27.6	278	26.7	266	26	253.3	25.1	234.4	23.8
	35	32	312.1	26.8	296.6	26.4	278	25.4	266	24.6	253.3	23.9	234.4	22.6
	39	36	321	26.2	296.6	25	278	24	266	23.3	253.3	22.6	234.4	21.4
	44	40	321	24.7	296.6	23.6	278	22.6	266	22	253.3	21.3	234.4	20.1
	47	43	321	23.6	296.6	22.5	278	21.6	266	21	253.3	20.3	234.4	19.2
	51	47	321	22.1	296.6	21.1	278	20.2	266	19.6	253.3	19	234.4	18
	54	50	321	20.9	296.6	20	278	19.2	266	18.6	253.3	18	234.4	17.1
57	53	321	19.8	296.6	18.9	278	18.2	266	17.6	253.3	17.1	234.4	16.2	
60	56	321	18.7	296.6	17.9	278	17.1	266	16.6	253.3	16.1	234.4	15.2	
80	-14.5	-15	131.4	18.2	130.9	18.9	130.5	19.6	130.2	20.0	130.0	20.5	129.5	21.2
	-12.6	-13	141.6	19	141	19.8	141	20.5	140	20.9	140	21.4	139.5	22.1
	-9	-9.4	159.9	20.4	159.2	21.4	159	22.1	158	22.6	158	23	157.5	23.7
	-3.64	-4	172.4	21.3	171.7	22.3	171	23.1	171	23.6	170.4	24.1	169.8	24.8
	-1.84	-2.2	178.7	21.8	178	22.8	177	23.6	177	24.1	176.6	24.6	176	25.3
	5.5	5	204.7	23.5	203.8	24.6	203	25.4	203	26	202.3	26.5	201.6	27.3
	9.5	8.5	217.7	24.3	216.7	25.4	216	26.3	216	26.8	215.1	27.4	208.4	27.3
	13	12	230.9	25	229.9	26.1	229	27	229	27.6	225.1	27.7	208.4	26.3
	15	14	238.5	25.4	237.5	26.5	237	27.4	236	28	225.1	27.1	208.4	25.8
	17	15.5	244.3	25.7	243.3	26.8	243	27.7	236	27.5	225.1	26.7	208.4	25.4
	19	18	254.1	26.1	253	27.3	247	27.5	236	26.8	225.1	26	208.4	24.7
	22	20	261.9	26.4	260.8	27.6	247	26.9	236	26.2	225.1	25.4	208.4	24.1
	26	24	277.9	27	263.6	26.7	247	25.6	236	24.9	225.1	24.2	208.4	23
	30	28	285.4	26.5	263.6	25.4	247	24.4	236	23.7	225.1	23	208.4	21.9
	35	32	285.4	25.1	263.6	24.1	247	23.1	236	22.5	225.1	21.8	208.4	20.7
	39	36	285.4	23.8	263.6	22.8	247	21.9	236	21.3	225.1	20.6	208.4	19.6
	44	40	285.4	22.4	263.6	21.5	247	20.6	236	20.1	225.1	19.5	208.4	18.5
	47	43	285.4	21.4	263.6	20.5	247	19.7	236	19.1	225.1	18.6	208.4	17.6
	51	47	285.4	20	263.6	19.2	247	18.4	236	17.9	225.1	17.4	208.4	16.5
	54	50	285.4	19	263.6	18.2	247	17.5	236	17	225.1	16.5	208.4	15.7
57	53	285.4	18	263.6	17.2	247	16.6	236	16.1	225.1	15.6	208.4	14.8	
60	56	285.4	17	263.6	16.2	247	15.6	236	15.2	225.1	14.7	208.4	14	
70	-14.5	-15	130.9	18.9	130.3	19.7	130.0	20.4	129.7	20.9	129.5	21.3	129.0	21.9
	-12.6	-13	141	19.7	140.4	20.6	140	21.3	140	21.8	139.4	22.2	138.9	22.9
	-9	-9.4	159.2	21.2	158.5	22.2	158	23	158	23.4	157.3	23.9	156.8	24.7
	-3.64	-4	171.7	22.2	170.9	23.2	170	24	170	24.5	169.6	25	169.1	25.8
	-1.84	-2.2	178	22.7	177.2	23.7	177	24.5	176	25	175.9	25.5	175.3	26.3
	5.5	5	203.8	24.4	203	25.6	202	26.4	202	27	197	26.9	182.3	25.6
	9.5	8.5	216.7	25.2	215.8	26.4	215	27.3	207	26.7	197	25.9	182.3	24.7
	13	12	229.9	26	228.9	27.2	216	26.4	207	25.7	197	25	182.3	23.8
	15	14	237.5	26.4	230.7	26.8	216	25.9	207	25.2	197	24.5	182.3	23.3
	17	15.5	243.3	26.7	230.7	26.4	216	25.4	207	24.8	197	24.1	182.3	22.9
	19	18	249.7	26.7	230.7	25.6	216	24.7	207	24.1	197	23.4	182.3	22.3
	22	20	249.7	26.1	230.7	25.1	216	24.2	207	23.5	197	22.9	182.3	21.8
	26	24	249.7	24.9	230.7	23.9	216	23	207	22.4	197	21.8	182.3	20.8
	30	28	249.7	23.7	230.7	22.7	216	21.9	207	21.3	197	20.7	182.3	19.8
	35	32	249.7	22.4	230.7	21.6	216	20.8	207	20.3	197	19.7	182.3	18.8
	39	36	249.7	21.2	230.7	20.4	216	19.7	207	19.2	197	18.6	182.3	17.7
	44	40	249.7	20	230.7	19.2	216	18.5	207	18.1	197	17.6	182.3	16.7
	47	43	249.7	19.1	230.7	18.3	216	17.7	207	17.2	197	16.8	182.3	16
	51	47	249.7	17.9	230.7	17.2	216	16.6	207	16.1	197	15.7	182.3	14.9
	54	50	249.7	17	230.7	16.3	216	15.7	207	15.3	197	14.9	182.3	14.2
57	53	249.7	16.1	230.7	15.4	216	14.9	207	14.5	197	14.1	182.3	13.4	
60	56	249.7	15.1	230.7	14.6	216	14	207	13.7	197	13.3	182.3	12.7	

Table 136 —38VMA264RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	130.3	19.5	129.7	20.5	129.5	21.2	129.2	21.7	128.9	22.2	128.4	22.8
	-12.6	-13	140.4	20.4	139.8	21.4	139	22.1	139	22.6	138.8	23.1	138.3	23.8
	-9	-9.4	158.5	22	157.9	23	157	23.8	157	24.3	156.7	24.8	156.2	25.6
	-3.64	-4	170.9	23	170.2	24.1	170	24.9	169	25.4	168.9	25.9	156.3	24.8
	-1.84	-2.2	177.2	23.5	176.5	24.6	176	25.4	176	26	168.9	25.5	156.3	24.4
	5.5	5	203	25.3	197.7	25.9	185	25	177	24.4	168.9	23.8	156.3	22.8
	9.5	8.5	214	25.9	197.7	25	185	24.2	177	23.6	168.9	23	156.3	22
	13	12	214	25	197.7	24.1	185	23.3	177	22.8	168.9	22.2	156.3	21.2
	15	14	214	24.5	197.7	23.6	185	22.8	177	22.3	168.9	21.7	156.3	20.7
	17	15.5	214	24.1	197.7	23.2	185	22.4	177	21.9	168.9	21.3	156.3	20.4
	19	18	214	23.4	197.7	22.6	185	21.8	177	21.3	168.9	20.7	156.3	19.8
	22	20	214	22.9	197.7	22	185	21.3	177	20.8	168.9	20.3	156.3	19.4
	26	24	214	21.8	197.7	21	185	20.3	177	19.8	168.9	19.3	156.3	18.5
	30	28	214	20.7	197.7	20	185	19.3	177	18.9	168.9	18.4	156.3	17.6
	35	32	214	19.7	197.7	19	185	18.3	177	17.9	168.9	17.4	156.3	16.7
	39	36	214	18.6	197.7	17.9	185	17.3	177	16.9	168.9	16.5	156.3	15.8
	44	40	214	17.5	197.7	16.9	185	16.4	177	16	168.9	15.5	156.3	14.9
	47	43	214	16.7	197.7	16.1	185	15.6	177	15.2	168.9	14.8	156.3	14.2
	51	47	214	15.7	197.7	15.1	185	14.6	177	14.3	168.9	13.9	156.3	13.3
	54	50	214	14.9	197.7	14.3	185	13.9	177	13.5	168.9	13.2	156.3	12.6
57	53	214	14.1	197.7	13.6	185	13.1	177	12.8	168.9	12.5	156.3	11.9	
60	56	214	13.3	197.7	12.8	185	12.4	177	12.1	168.9	11.8	156.3	11.3	
50	-14.5	-15	129.7	20.3	129.2	21.3	128.8	22.1	128.5	23.2	128.1	24.3	127.8	24.0
	-12.6	-13	139.8	21.2	139.2	22.2	139	22.9	139	23.4	138.2	23.9	130.2	23.4
	-9	-9.4	157.9	22.8	157.2	23.9	154	24.3	148	23.8	140.7	23.2	130.2	22.3
	-3.64	-4	170.2	23.8	164.8	24.2	154	23.5	148	23	140.7	22.5	130.2	21.6
	-1.84	-2.2	176.5	24.3	164.8	23.8	154	23.1	148	22.6	140.7	22.1	130.2	21.2
	5.5	5	178.4	23	164.8	22.2	154	21.6	148	21.1	140.7	20.6	130.2	19.8
	9.5	8.5	178.4	22.2	164.8	21.5	154	20.8	148	20.4	140.7	19.9	130.2	19.1
	13	12	178.4	21.4	164.8	20.7	154	20.1	148	19.7	140.7	19.2	130.2	18.4
	15	14	178.4	20.9	164.8	20.3	154	19.7	148	19.2	140.7	18.8	130.2	18.1
	17	15.5	178.4	20.6	164.8	19.9	154	19.3	148	18.9	140.7	18.5	130.2	17.8
	19	18	178.4	20	164.8	19.4	154	18.8	148	18.4	140.7	18	130.2	17.3
	22	20	178.4	19.6	164.8	18.9	154	18.4	148	18	140.7	17.6	130.2	16.9
	26	24	178.4	18.6	164.8	18.1	154	17.5	148	17.2	140.7	16.8	130.2	16.1
	30	28	178.4	17.7	164.8	17.2	154	16.7	148	16.3	140.7	15.9	130.2	15.3
	35	32	178.4	16.8	164.8	16.3	154	15.8	148	15.5	140.7	15.1	130.2	14.5
	39	36	178.4	15.9	164.8	15.4	154	15	148	14.6	140.7	14.3	130.2	13.7
	44	40	178.4	15	164.8	14.5	154	14.1	148	13.8	140.7	13.5	130.2	12.9
	47	43	178.4	14.3	164.8	13.9	154	13.5	148	13.2	140.7	12.9	130.2	12.4
	51	47	178.4	13.4	164.8	13	154	12.6	148	12.3	140.7	12	130.2	11.6
	54	50	178.4	12.7	164.8	12.3	154	12	148	11.7	140.7	11.4	130.2	11
57	53	178.4	12	164.8	11.7	154	11.3	148	11.1	140.7	10.8	130.2	10.4	
60	56	178.4	11.4	164.8	11	154	10.7	148	10.4	140.7	10.2	130.2	9.8	

Tc: Total Capacity PI: Power Input

Table 137 —38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	135.8	13.3	135.3	13.9	134.8	14.4	134.5	14.6	134.3	14.9	133.8	15.4
	-12.6	-13	146.3	13.9	145.7	14.5	145.2	15	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	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	236.7	19.6	236.2	20	235.7	20.4	234.9	21.1
	15	14	246.4	18.4	245.3	19.2	244.5	19.9	244	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	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	282.7	22.6
	30	28	303.9	19.8	302.6	20.7	301.6	21.4	301	21.9	300.3	22.3	291.3	22.3
	35	32	321	20.1	319.7	21	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	21.9	314.8	21.2	291.3	20
	44	40	356.3	20.3	354.7	21.3	345.2	21.3	330	20.7	314.8	20	291.3	18.9
	47	43	369.8	20.3	368.2	21.2	345.2	20.4	330	19.7	314.8	19.1	291.3	18
	51	47	388.1	20.2	368.7	19.9	345.2	19.1	330	18.5	314.8	17.9	291.3	16.9
	54	50	399	19.9	368.7	18.9	345.2	18.1	330	17.5	314.8	16.9	291.3	16
57	53	399	18.8	368.7	17.9	345.2	17.1	330	16.6	314.8	16	291.3	15.1	
60	56	399	17.7	368.7	16.9	345.2	16.1	330	15.6	314.8	15.1	291.3	14.3	
140	-14.5	-15	135.3	14.1	134.7	14.8	134.3	15.2	134.0	15.5	133.7	15.9	133.2	16.4
	-12.6	-13	145.7	14.7	145.1	15.4	144.6	15.9	144.3	16.2	144	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	18.4
	-3.64	-4	177.3	16.5	176.6	17.2	176	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	181.1	19.6
	5.5	5	210.6	18.1	209.7	18.9	209	19.6	208.5	20	208.1	20.4	207.4	21
	9.5	8.5	223.9	18.7	223	19.5	222.2	20.2	221.7	20.6	221.3	21	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	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	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
	30	28	302.6	21	301.4	22	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	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
	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
	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	367.1	20	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	290.1	16	
60	56	397.4	18.7	367.1	17.8	343.8	17.1	328.6	16.5	313.5	16	290.1	15.1	
130	-14.5	-15	134.7	14.9	134.2	15.5	133.7	16.1	133.4	16.4	133.1	16.8	132.7	17.2
	-12.6	-13	145.1	15.5	144.5	16.2	144	16.8	143.7	17.1	143.4	17.5	142.9	18
	-9	-9.4	163.8	16.6	163.1	17.4	162.6	18	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	180.3	20.6
	5.5	5	209.7	19.1	208.8	20	208.1	20.6	207.7	21.1	207.2	21.5	206.5	22.2
	9.5	8.5	223	19.7	222	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	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	264.3	24.8
	26	24	284.7	21.8	283.5	22.8	282.6	23.5	282	24	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	23.4	316	24.2	315.3	24.7	312.2	25	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
	47	43	366.7	22.7	365.2	23.7	342.3	22.7	327.3	22	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	327.3	17.4	312.2	16.9	288.9	15.9	

Table 137 —38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor		Indoor air temp. °FDB											
			61		65		68		70		72		75	
	%	°FDB	°FWB	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH	PI kW	Tc MBH
120	-14.5	-15	134.2	15.6	133.6	16.4	133.1	17.0	132.9	17.2	132.6	17.6	132.1	18.2
	-12.6	-13	144.5	16.3	143.9	17.1	143.4	17.7	143.1	18	142.8	18.4	142.3	19
	-9	-9.4	163.1	17.5	162.4	18.3	161.9	19	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	20.2	180.6	20.6	180.2	21	179.6	21.7
	5.5	5	208.8	20.1	207.9	21	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
	13	12	235.5	21.3	234.5	22.3	233.7	23	233.2	23.5	232.7	24	232	24.7
	15	14	243.3	21.6	242.3	22.6	241.5	23.4	241	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	256.7	24.5	256.1	25	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
	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	26	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	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	364.1	21	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	-14.5	-15	133.6	16.4	133.1	17.2	132.6	17.7	132.3	18.1	132.0	18.5	131.5	19.1
	-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	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	207.1	22	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	24	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	25.9
	15	14	242.3	22.6	241.3	23.7	240.5	24.5	240	25	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	24.3	256.1	25.1	255.6	25.7	255	26.2	254.2	27
	22	20	266.1	23.5	265	24.6	264.1	25.4	263.5	25.9	263	26.5	262.1	27.3
	26	24	282.3	24	281.1	25.1	280.2	25.9	279.6	26.5	279	27	278.1	27.8
	30	28	298.9	24.4	297.6	25.5	296.6	26.4	296	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
	39	36	332.9	24.9	331.5	26	330.4	26.9	324.5	26.9	309.6	26	286.5	24.6
	44	40	350.4	25	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	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	339.5	21	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	-14.5	-15	133.0	17.2	132.5	17.9	132.0	18.6	131.7	19.0	131.5	19.4	131.0	19.9
	-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	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	21.4	179.4	22.2	179.1	22.6	178.7	23.1	178.1	23.8
	5.5	5	207.1	22	206.2	23	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	27.1
	15	14	241.3	23.7	240.3	24.8	239.5	25.6	239	26.1	238.4	26.7	237.7	27.5
	17	15.5	247.2	23.9	246.1	25	245.3	25.9	244.8	26.4	244.2	26.9	243.4	27.8
	19	18	257	24.3	255.9	25.4	255.1	26.3	254.5	26.8	254	27.4	253.1	28.2
	22	20	265	24.6	263.8	25.7	263	26.6	262.4	27.1	261.9	27.7	261	28.5
	26	24	281.1	25.1	280	26.2	279	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	312	27.9	311.4	28.5	308.1	28.8	285.2	27.2
	39	36	331.5	26	330.1	27.2	329	28.1	323	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	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	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	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	22.5	308.1	21.7	285.2	20.5
57	53	390.6	24.1	360.8	22.9	337.9	22	323	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	20.1	308.1	19.4	285.2	18.3	

Table 137 —38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	132.5	17.9	131.9	18.8	131.4	19.4	131.2	19.9	130.9	20.3	130.4	20.8
	-12.6	-13	142.7	18.7	142.1	19.6	141.6	20.2	141.3	20.7	141	21.1	140.5	21.7
	-9	-9.4	161.1	20.1	160.4	21	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	23.1	171.6	23.6	171	24.4
	-1.84	-2.2	180	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	205.3	24	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	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	27.3	237.4	27.8	236.7	28.7
	17	15.5	246.1	24.9	245.1	26.1	244.3	27	243.7	27.5	243.2	28.1	242.4	29
	19	18	255.9	25.3	254.8	26.5	254	27.4	253.4	28	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	259.9	29.3
	26	24	280	26.2	278.8	27.4	277.9	28.3	277.3	28.9	276.7	29.5	275.6	28
	30	28	296.4	26.6	295.1	27.8	294.1	28.7	290.7	29	277.3	28.1	256.6	26.6
	35	32	313.1	26.9	311.8	28.1	304.1	28.3	290.7	27.5	277.3	26.7	256.6	25.2
	39	36	330.1	27.1	324.8	27.9	304.1	26.8	290.7	26	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	256.6	17	
80	-14.5	-15	131.9	18.7	131.4	19.6	130.9	20.3	130.6	20.6	130.3	21.1	129.8	21.8
	-12.6	-13	142.1	19.5	141.5	20.4	141	21.1	140.7	21.5	140.4	22	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	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	203.8	25.9	203.3	26.4	202.9	27	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	28.6
	13	12	231.6	25.3	230.6	26.5	229.8	27.4	229.3	28	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	228.1	28.8
	17	15.5	245.1	26	244	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	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	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	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	288.7	24	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	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	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	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	246.5	17.5	228.1	16.6	
60	56	312.5	19	288.7	18.1	270.3	17.5	258.4	17	246.5	16.5	228.1	15.6	
70	-14.5	-15	131.4	19.4	130.8	20.4	130.3	21.0	130.0	21.5	129.8	21.9	129.3	22.7
	-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	22.7	158.5	23.5	158.2	24	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	170.2	25.6	169.6	26.4
	-1.84	-2.2	178.5	23.1	177.8	24.2	177.2	25	176.8	25.6	176.4	26.1	175.8	26.9
	5.5	5	204.4	24.8	203.6	26	202.9	26.9	202.5	27.4	202	28	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	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	27	243	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	236.5	27	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	199.6	21
	39	36	273.4	23.7	252.6	22.8	236.5	22	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	252.6	19.2	236.5	18.5	226.1	18	215.7	17.5	199.6	16.7	
54	50	273.4	19	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	
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	

Table 137 —38VMA288RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	130.8	20.2	130.2	21.1	129.8	21.8	129.5	22.3	129.2	22.8	128.8	23.4
	-12.6	-13	140.9	21	140.3	22	139.8	22.7	139.5	23.2	139.2	23.7	138.7	24.4
	-9	-9.4	159	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	169.4	26.5	168.9	27.4
	-1.84	-2.2	177.8	24	177	25.1	176.4	26	176	26.5	175.7	27.1	171.1	27.3
	5.5	5	203.6	25.8	202.7	27	202	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	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	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	216.5	21.2	202.7	20.5	193.8	20	184.9	19.5	171.1	18.6
	39	36	234.3	20.8	216.5	20	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	202.7	17.4	193.8	17	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	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	-14.5	-15	130.1	21.0	129.7	21.9	129.2	22.7	129.0	23.2	128.7	23.9	128.5	25.5
	-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	25.5	168.9	26.3	161.5	25.7	154.1	25.1	142.6	24.1
	-1.84	-2.2	177	24.9	176.2	26	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	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	154.1	21.5	142.6	20.6
	15	14	195.3	23.4	180.4	22.6	168.9	22	161.5	21.5	154.1	21	142.6	20.2
	17	15.5	195.3	23	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	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
	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	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	180.4	15.5	168.9	15	161.5	14.7	154.1	14.4	142.6	13.8
51	47	195.3	15	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	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 138 —38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	136.1	13.6	135.6	14.3	135.2	14.8	134.9	15.1	134.6	15.3	134.1	15.8
	-12.6	-13	146.7	14.2	146.1	14.9	145.6	15.4	145.3	15.7	145	16	144.5	16.5
	-9	-9.4	165.7	15.2	165	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	18.3	182.4	18.8
	5.5	5	212.1	17.4	211.2	18.2	210.5	18.8	210	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	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	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	302.5	21.7	301.9	22.1	301.2	22.6	300.2	23.3
	35	32	322	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	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	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	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	-14.5	-15	135.6	14.4	135.1	15.0	134.6	15.7	134.3	15.9	134.1	16.3	133.6	16.8
	-12.6	-13	146.1	15	145.5	15.7	145	16.3	144.7	16.6	144.4	17	143.9	17.5
	-9	-9.4	165	16.1	164.3	16.9	163.7	17.4	163.4	17.8	163	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	175.2	19.6
	-1.84	-2.2	184.4	17.1	183.6	17.9	183	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	21.4
	9.5	8.5	224.6	19	223.6	19.8	222.9	20.5	222.4	20.9	221.9	21.4	221.2	22
	13	12	238.2	19.5	237.2	20.4	236.4	21.1	235.9	21.5	235.4	22	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	251	20.9	250.2	21.6	249.6	22	249.1	22.5	248.3	23.2
	19	18	262.1	20.3	261	21.2	260.2	21.9	259.6	22.4	259	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	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	23.9	299	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	23.6	332.9	22.8	308.1	21.6
	47	43	369.4	21.6	367.8	22.6	365	23.3	349	22.6	332.9	21.8	308.1	20.6
	51	47	387.7	21.5	386	22.5	365	21.8	349	21.1	332.9	20.4	308.1	19.3
	54	50	401.6	21.3	389.9	21.6	365	20.7	349	20	332.9	19.4	308.1	18.3
57	53	415.7	21.1	389.9	20.4	365	19.6	349	19	332.9	18.3	308.1	17.3	
60	56	422	20.3	389.9	19.3	365	18.5	349	17.9	332.9	17.3	308.1	16.3	
130	-14.5	-15	135.1	15.3	134.5	15.9	134.0	16.5	133.8	16.8	133.5	17.2	133.0	17.8
	-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	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	20	174.5	20.6
	-1.84	-2.2	183.6	18.1	182.9	18.9	182.3	19.6	181.9	20	181.5	20.4	180.9	21
	5.5	5	210.3	19.4	209.4	20.3	208.7	21	208.3	21.5	207.8	21.9	207.2	22.6
	9.5	8.5	223.7	20	222.7	20.9	222	21.6	221.5	22.1	221	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	21.8	243.2	22.5	242.7	23	242.2	23.5	241.4	24.2
	17	15.5	251	21	250	22	249.1	22.8	248.6	23.2	248.1	23.7	247.3	24.4
	19	18	261	21.4	259.9	22.4	259.1	23.1	258.5	23.6	258	24.1	257.1	24.8
	22	20	269.1	21.6	268	22.6	267.1	23.4	266.5	23.9	266	24.3	265.1	25.1
	26	24	285.6	22	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	23.4	300	24.2	299.4	24.7	298.7	25.2	297.7	26
	35	32	319.4	22.6	318	23.7	316.9	24.5	316.3	25	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	306.8	21.7
	51	47	386.1	22.7	384.4	23.7	363.5	23	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	22.2	388.2	21.6	363.5	20.6	347.5	20	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	

Table 138 —38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	134.5	16.0	134.0	16.8	133.5	17.4	133.2	17.8	132.9	18.0	132.5	18.6
	-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	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	182.1	19.9	181.5	20.6	181.1	21	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	23	206.3	23.7
	9.5	8.5	222.7	21	221.8	22	221	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	23.9	233.5	24.4	232.7	25.1
	15	14	244.1	21.9	243	22.9	242.2	23.7	241.7	24.2	241.2	24.7	240.4	25.5
	17	15.5	250	22.1	248.9	23.2	248.1	23.9	247.6	24.4	247	24.9	246.2	25.7
	19	18	260	22.5	258.9	23.5	258	24.3	257.4	24.8	256.9	25.3	256	26.1
	22	20	268	22.7	266.9	23.8	266	24.6	265.4	25.1	264.9	25.6	264	26.4
	26	24	284.4	23.2	283.2	24.2	282.2	25	281.6	25.6	281	26.1	280.1	26.9
	30	28	301	23.5	299.8	24.6	298.8	25.4	298.1	26	297.5	26.5	296.5	27.3
	35	32	318	23.8	316.7	24.9	315.6	25.7	315	26.3	314.3	26.8	305.5	26.8
	39	36	335.3	24	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	351.4	25.1	350.3	26	346.1	26.2	330.2	25.3	305.5	23.9
	47	43	366.3	24	364.8	25.1	362	25.8	346.1	25	330.2	24.2	305.5	22.8
	51	47	384.5	23.8	382.8	24.9	362	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	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	21.7	346.1	21	330.2	20.3	305.5	19.2	
60	56	418.5	22.4	386.6	21.4	362	20.4	346.1	19.8	330.2	19.2	305.5	18.1	
110	-14.5	-15	134.0	16.8	133.4	17.6	132.9	18.3	132.6	18.6	132.4	19.0	131.9	19.6
	-12.6	-13	144.3	17.5	143.7	18.3	143.2	19	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	21.2	160.5	21.8
	-3.64	-4	175.7	19.6	174.9	20.5	174.3	21.2	174	21.6	173.6	22.1	173	22.8
	-1.84	-2.2	182.1	20	181.3	20.9	180.7	21.6	180.4	22.1	180	22.5	179.4	23.2
	5.5	5	208.6	21.4	207.7	22.4	207	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	25	232.5	25.5	231.7	26.3
	15	14	243	23	242	24	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	26.1	245.2	26.9
	19	18	258.9	23.6	257.8	24.6	256.9	25.5	256.4	26	255.8	26.5	255	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	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	313.6	27.5	313	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	344.6	26.2	328.8	25.3	304.3	23.9
	51	47	382.8	25	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	25.1	360.5	24	344.6	23.3	328.8	22.5	304.3	21.3
57	53	410.5	24.5	385	23.7	360.5	22.7	344.6	22	328.8	21.3	304.3	20.1	
60	56	416.7	23.5	385	22.4	360.5	21.4	344.6	20.8	328.8	20.1	304.3	19	
100	-14.5	-15	133.4	17.6	132.8	18.4	132.4	19.0	132.1	19.5	131.8	19.9	131.3	20.4
	-12.6	-13	143.7	18.3	143.1	19.2	142.6	19.8	142.3	20.3	142	20.7	141.5	21.3
	-9	-9.4	162.2	19.6	161.6	20.6	161	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	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
	9.5	8.5	220.9	23.1	219.9	24.1	219.2	25	218.7	25.5	218.3	26	217.5	26.8
	13	12	234.3	23.7	233.3	24.8	232.5	25.6	232	26.2	231.5	26.7	230.7	27.5
	15	14	242	24	241	25.1	240.2	26	239.7	26.5	239.2	27.1	238.4	27.9
	17	15.5	247.9	24.3	246.8	25.4	246	26.2	245.5	26.8	245	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	25.4	280.8	26.6	279.9	27.4	279.3	28	278.7	28.6	277.7	29.5
	30	28	298.5	25.8	297.3	27	296.3	27.9	295.6	28.4	295	29	294	29.9
	35	32	315.4	26.1	314	27.3	313	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	28.4	329.3	29	327.2	29.4	302.8	27.8
	44	40	350	26.3	348.5	27.5	347.3	28.4	343	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	27.4	327.2	26.5	302.8	25
	51	47	381.2	26.1	379.6	27.3	358.8	26.4	343	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	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	23	327.2	22.2	302.8	21	
60	56	414.8	24.5	383.2	23.4	358.8	22.4	343	21.7	327.2	21	302.8	19.8	

Table 138 —38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	132.8	18.3	132.3	19.2	131.8	19.9	131.5	20.4	131.2	20.8	130.8	21.4
	-12.6	-13	143.1	19.1	142.5	20	142	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	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	25.2	218.3	26	217.8	26.6	217.3	27.1	216.6	28
	13	12	233.3	24.7	232.3	25.9	231.5	26.7	231	27.3	230.5	27.9	229.8	28.7
	15	14	241	25.1	240	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	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	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	276.8	30.2
	30	28	297.3	26.9	296	28.1	295	29.1	294.4	29.7	293.8	30.3	293.1	28.8
	35	32	314	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	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	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	-14.5	-15	132.3	19.1	131.7	20.1	131.2	20.8	131.0	21.1	130.7	21.6	130.2	22.3
	-12.6	-13	142.5	19.9	141.9	20.9	141.4	21.6	141.1	22	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	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	26.9	203.5	27.4	202.8	28.3
	9.5	8.5	219	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	28.4	229.5	29	228.8	29.9
	15	14	240	26.1	239	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	28.5	243.4	29.1	242.9	29.7	242.1	30.6
	19	18	255.6	26.8	254.5	28	253.7	28.9	253.1	29.5	252.6	30.1	242.3	29.8
	22	20	263.5	27	262.4	28.3	261.6	29.2	261	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	28	294.8	29.3	287	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	27.9	274.4	27.2	261.8	26.4	242.3	25
	39	36	329.7	28.5	306.5	27.5	287	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	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	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	22.3	274.4	21.7	261.8	21	242.3	19.9
	54	50	331.8	22.9	306.5	22	287	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	20	274.4	19.4	261.8	18.9	242.3	17.9	
60	56	331.8	20.5	306.5	19.6	287	18.9	274.4	18.3	261.8	17.8	242.3	16.9	
70	-14.5	-15	131.7	19.9	131.2	20.9	130.7	21.5	130.4	22.0	130.1	22.5	129.6	23.2
	-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	24	158.6	24.5	158.3	25.1	157.8	25.8
	-3.64	-4	172.7	23.1	172	24.2	171.4	25	171	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	29.4
	9.5	8.5	218.1	26	217.1	27.3	216.4	28.2	216	28.8	215.5	29.4	212	29.8
	13	12	231.3	26.7	230.3	28	229.6	28.9	229.1	29.5	228.6	30.1	212	28.8
	15	14	239	27.1	237.9	28.4	237.2	29.3	236.7	29.9	229	29.6	212	28.2
	17	15.5	244.8	27.4	243.7	28.6	242.9	29.6	240.1	29.9	229	29.1	212	27.7
	19	18	254.5	27.8	253.4	29.1	251.2	29.9	240.1	29.1	229	28.3	212	26.9
	22	20	262.4	28.1	261.3	29.4	251.2	29.2	240.1	28.4	229	27.6	212	26.3
	26	24	278.4	28.6	268.2	28.9	251.2	27.8	240.1	27.1	229	26.3	212	25.1
	30	28	290.3	28.6	268.2	27.4	251.2	26.5	240.1	25.8	229	25.1	212	23.9
	35	32	290.3	27.1	268.2	26	251.2	25.1	240.1	24.5	229	23.8	212	22.6
	39	36	290.3	25.6	268.2	24.6	251.2	23.7	240.1	23.1	229	22.5	212	21.4
	44	40	290.3	24.2	268.2	23.2	251.2	22.4	240.1	21.8	229	21.2	212	20.2
	47	43	290.3	23.1	268.2	22.2	251.2	21.4	240.1	20.8	229	20.2	212	19.3
	51	47	290.3	21.6	268.2	20.7	251.2	20	240.1	19.5	229	18.9	212	18
	54	50	290.3	20.5	268.2	19.7	251.2	19	240.1	18.5	229	18	212	17.1
57	53	290.3	19.4	268.2	18.6	251.2	18	240.1	17.5	229	17	212	16.2	
60	56	290.3	18.3	268.2	17.6	251.2	16.9	240.1	16.5	229	16	212	15.3	

Table 138 —38VMA312RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	131.2	20.7	130.6	21.6	130.1	22.4	129.8	22.9	129.6	23.4	129.1	24.0
	-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
	-9	-9.4	159.5	23	158.8	24.1	158.3	24.9	158	25.5	157.6	26	157.1	26.8
	-3.64	-4	172	24	171.2	25.1	170.7	26	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	196.3	28.8	181.7	27.5
	9.5	8.5	217.1	27	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	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
	17	15.5	243.7	28.4	229.9	28	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
	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	196.3	23.3	181.7	22.3
	30	28	248.9	25	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
	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
	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
	54	50	248.9	18	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	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	229.9	15.5	215.3	14.9	205.8	14.6	196.3	14.2	181.7	13.6	
50	-14.5	-15	130.6	21.4	130.1	22.4	129.6	23.2	129.3	23.8	129.0	24.3	128.7	25.5
	-12.6	-13	140.7	22.3	140.1	23.3	139.6	24.1	139.3	24.7	139	25.2	138.6	26
	-9	-9.4	158.8	23.9	158.1	25	157.6	25.8	157.3	26.4	157	26.9	151.4	26.9
	-3.64	-4	171.2	24.9	170.5	26	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	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	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
	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 139 —38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	136.6	14.2	136.1	14.9	135.7	15.5	135.4	15.7	135.0	16.0	134.6	16.6
	-12.6	-13	147.2	14.8	146.6	15.5	146.1	16.1	145.8	16.4	145.4	16.7	145	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	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	211.1	19.6	210.7	20	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	20.6	223.5	21	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	21	245.5	21.5	245	21.9	244.1	22.6
	17	15.5	253.9	19.6	252.8	20.5	252	21.2	251.4	21.7	250.9	22.1	250.1	22.8
	19	18	264	19.9	262.9	20.8	262	21.5	261.5	22	260.9	22.4	260	23.1
	22	20	272.2	20.1	271	21.1	270.2	21.8	269.6	22.2	269	22.7	268.1	23.4
	26	24	288.8	20.5	287.6	21.5	286.6	22.2	286	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	302.1	23.5	301.1	24.2
	35	32	323	21.1	321.6	22	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	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	355	23.5	344	23.1	318.4	21.8
	47	43	372	21.2	370.5	22.2	369.2	22.9	360.6	22.8	344	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	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	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	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	17.5	318.4	16.5	
140	-14.5	-15	136.1	15.1	135.4	15.9	135.1	16.3	134.8	16.7	134.4	17.0	134.1	17.6
	-12.6	-13	146.6	15.7	145.9	16.5	145.5	17	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	163	19.6
	-3.64	-4	178.4	17.5	177.6	18.4	177.1	19	176.7	19.4	176.3	19.8	175.7	20.4
	-1.84	-2.2	185	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
	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	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	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	24.5
	22	20	271.1	21.3	269.9	22.3	269	23.1	268.5	23.5	267.9	24	267	24.8
	26	24	287.6	21.7	286.4	22.7	285.5	23.5	284.8	24	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
	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	21.9	401.2	21.9	375.7	21	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	-14.5	-15	135.6	15.9	134.9	16.7	134.5	17.3	134.3	17.6	133.8	17.9	133.5	18.5
	-12.6	-13	146	16.6	145.3	17.4	144.9	18	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	176	20.5	175.6	20.9	175	21.5
	-1.84	-2.2	184.2	18.9	183.4	19.8	182.8	20.4	182.4	20.9	182	21.3	181.4	22
	5.5	5	211	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	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	23.5	243.5	24	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	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	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	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
	35	32	320.3	23.5	319	24.6	317.9	25.4	317.2	26	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	26.2	341.2	25.8	315.8	24.4
	47	43	369	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	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	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	

Table 139 —38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	135.0	16.8	134.3	17.6	134.0	18.2	133.6	18.5	133.3	18.9	133.0	19.5
	-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	174.3	22.7
	-1.84	-2.2	183.4	19.9	182.7	20.8	182	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	208	23.5	207.6	24	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	25.5
	13	12	237	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	24.7	242.4	25.2	241.9	25.7	241.1	26.5
	17	15.5	250.7	23	249.7	24.1	248.9	24.9	248.3	25.4	247.8	26	247	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	25.2	283.1	26	282.5	26.6	281.9	27.1	280.9	28
	30	28	302	24.5	300.7	25.6	299.7	26.4	299	27	298.4	27.5	297.4	28.4
	35	32	319	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	333.8	26.9	333.1	27.5	332.4	28	314.4	27.2
	44	40	354	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	364.7	26.9	356.2	26.8	339.8	25.9	314.4	24.4
	51	47	385.6	24.7	384	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	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	-14.5	-15	134.3	17.6	133.8	18.5	133.4	19.0	133.0	19.5	132.7	19.9	132.4	20.5
	-12.6	-13	144.7	18.3	144.1	19.2	143.7	19.8	143.3	20.3	143	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	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	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	26
	9.5	8.5	222.5	23	221.5	24	220.8	24.9	220.3	25.4	219.8	25.9	219.1	26.7
	13	12	236	23.6	235	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	241.9	25.9	241.4	26.4	240.9	27	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	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	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	29.4	313.1	28.5
	44	40	352.5	26.1	351	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	338.4	27.1	313.1	25.6
	51	47	384	25.9	382.4	27.1	371	27.1	354.7	26.3	338.4	25.4	313.1	24
	54	50	397.8	25.7	396.1	26.8	371	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	24.3	354.7	23.6	338.4	22.8	313.1	21.5	
60	56	425.9	25	396.2	24	371	22.9	354.7	22.2	338.4	21.5	313.1	20.3	
100	-14.5	-15	133.8	18.5	133.2	19.3	132.9	19.9	132.4	20.4	132.2	20.7	131.8	21.4
	-12.6	-13	144.1	19.2	143.5	20.1	143.1	20.7	142.7	21.2	142.4	21.6	142	22.3
	-9	-9.4	162.7	20.5	162	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	220.6	25.2	219.9	26	219.4	26.6	218.9	27.1	218.2	27.9
	13	12	235	24.7	234	25.8	233.2	26.7	232.7	27.3	232.2	27.8	231.4	28.7
	15	14	242.8	25	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	264	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	297.2	29	296.5	29.6	295.9	30.2	294.9	31.1
	35	32	316.3	27.1	315	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	29.5	330.3	30.1	329.6	30.7	311.6	29.7
	44	40	351	27.3	349.5	28.6	348.4	29.5	347.6	30.1	336.8	29.7	311.6	28
	47	43	364.3	27.3	362.8	28.5	361.6	29.5	353	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	27.4	336.8	26.5	311.6	25.1
	54	50	396.1	26.8	394.4	28	369.2	26.9	353	26	336.8	25.2	311.6	23.8
57	53	410	26.5	394.4	26.5	369.2	25.4	353	24.6	336.8	23.8	311.6	22.5	
60	56	424.1	26.1	394.4	25	369.2	24	353	23.2	336.8	22.5	311.6	21.2	

Table 139 —38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	133.2	19.2	132.6	20.1	132.2	20.9	131.9	21.2	131.6	21.7	131.3	22.4
	-12.6	-13	143.5	20	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	23.4	173.4	24.1	173	24.7	172.6	25.2	172.1	26
	-1.84	-2.2	181.1	22.7	180.4	23.8	179.8	24.6	179.4	25.1	179	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	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	28.3	217.3	29.2
	13	12	234	25.7	233	26.9	232.2	27.9	231.7	28.4	231.2	29	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	255.5	28.9	255	29.5	254.4	30.1	253.6	31.1
	22	20	265.5	27	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	277.4	32
	30	28	298.2	28	296.9	29.2	295.9	30.2	295.3	30.9	294.7	31.5	280.5	30.8
	35	32	315	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
	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	-14.5	-15	132.6	20.0	132.1	21.0	131.6	21.8	131.3	22.2	131.0	22.6	130.7	23.4
	-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
	-3.64	-4	174	23.2	173.2	24.3	172.7	25.2	172.3	25.7	171.9	26.2	171.3	27
	-1.84	-2.2	180.4	23.7	179.6	24.8	179	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	27.5	204.6	28	204.1	28.6	203.4	29.5
	9.5	8.5	219.7	26.1	218.7	27.3	218	28.3	217.5	28.9	217.1	29.4	216.3	30.4
	13	12	233	26.8	232	28	231.2	29	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	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	278.4	31	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	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	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	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	295.4	20.2	282.4	19.6	269.4	19.1	249.3	18.1	
70	-14.5	-15	132.1	20.9	131.5	21.8	131.0	22.6	130.8	23.1	130.5	23.6	130.1	24.2
	-12.6	-13	142.3	21.7	141.7	22.7	141.2	23.5	140.9	24	140.6	24.5	140.2	25.2
	-9	-9.4	160.7	23.2	160	24.3	159.5	25.1	159.1	25.6	158.8	26.2	158.3	27
	-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	216.1	30.6	215.4	31.5
	13	12	232	27.9	231	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	30.9	258.5	29.8	247.1	29	235.7	28.2	218.2	26.9
	30	28	295.6	30.2	276	29.4	258.5	28.3	247.1	27.6	235.7	26.8	218.2	25.6
	35	32	298.8	29	276	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	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	24.9	258.5	24	247.1	23.3	235.7	22.7	218.2	21.6
	47	43	298.8	24.7	276	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	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	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	20	258.5	19.2	247.1	18.7	235.7	18.2	218.2	17.4	
60	56	298.8	19.6	276	18.8	258.5	18.1	247.1	17.7	235.7	17.2	218.2	16.4	

Table 139 —38VMA336RDS5-1 (RDS6-1)

Combination	Outdoor		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	-14.5	-15	131.5	21.6	131.0	22.6	130.5	23.5	130.2	24.0	129.9	24.4	129.6	25.2
	-12.6	-13	141.7	22.5	141.1	23.5	140.6	24.4	140.3	24.9	140	25.4	139.6	26.2
	-9	-9.4	160	24.1	159.3	25.2	158.8	26.1	158.4	26.6	158.1	27.2	157.6	28
	-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	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	28.4
	13	12	231	28.9	230	30.2	221.5	30.1	211.8	29.4	202.1	28.7	187	27.4
	15	14	238.7	29.3	236.6	30.5	221.5	29.5	211.8	28.8	202.1	28	187	26.8
	17	15.5	244.5	29.6	236.6	30	221.5	29	211.8	28.3	202.1	27.6	187	26.4
	19	18	254.2	30	236.6	29.2	221.5	28.2	211.8	27.5	202.1	26.8	187	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	25.1
	26	24	256.1	28.2	236.6	27.2	221.5	26.3	211.8	25.7	202.1	25	187	23.9
	30	28	256.1	26.8	236.6	25.8	221.5	25	211.8	24.4	202.1	23.8	187	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	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	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	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	18.3
	51	47	256.1	20.3	236.6	19.5	221.5	18.9	211.8	18.4	202.1	18	187	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	16.3
57	53	256.1	18.2	236.6	17.5	221.5	17	211.8	16.6	202.1	16.1	187	15.4	
60	56	256.1	17.2	236.6	16.6	221.5	16	211.8	15.6	202.1	15.2	187	14.6	
50	-14.5	-15	131.0	22.4	130.4	23.5	129.9	24.2	129.6	24.8	129.4	25.3	129.3	26.2
	-12.6	-13	141.1	23.3	140.5	24.4	140	25.2	139.7	25.8	139.4	26.3	139	27.1
	-9	-9.4	159.3	24.9	158.6	26.1	158.1	27	157.8	27.6	157.4	28.1	155.8	28.8
	-3.64	-4	171.7	26	171	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	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	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	176.5	24.5	168.4	23.9	155.8	23
	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	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	168.4	16.6	155.8	16
	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
	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	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		
<i>Carrier Corporation</i>			

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		
<i>Carrier Corporation</i>			

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		
<i>Carrier Corporation</i>			

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 RECOVERY OUTDOOR UNIT			
MODEL	38VMA072RDS6-1		
POWER SUPPLY	460V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	20.0 A		
MAX FUSE OR HACR BREAKER	25.0 A		
FAN MOTOR	FLA	1.0+1.0 A	
	OUTPUT	180+180 W	
COMP. MOTOR	RLA	14.0 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,460V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
<i>Carrier Corporation</i>			

Fig. 58 —38VMA072RDS6-1


CONFORMS TO UL STD 1985 CERTIFIED TO CSA STD C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.		 Intertek 3124627	 <small>www.ahri.com/hvac/ahricertified</small> AHRI Standard 358
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA096RDS6-1		
POWER SUPPLY	480V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	22.0 A		
MAX FUSE OR HACR BREAKER	25.0 A		
FAN MOTOR	FLA	1.1+1.1 A	
	OUTPUT	210+210 W	
COMP. MOTOR	RLA	16.0 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,480V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
<i>Carrier Corporation</i>			

Fig. 59 —38VMA096RDS6-1




CONFORMS TO UL STD 1985 CERTIFIED TO CSA STD C22.2 No. 236 ELECTRIC CHARACTERISTICS ARE ONLY FOR OUTDOOR UNIT.		 Intertek 3124627	 <small>www.ahri.com/hvac/ahricertified</small> AHRI Standard 358
VRF HEAT RECOVERY OUTDOOR UNIT			
MODEL	38VMA120RDS6-1		
POWER SUPPLY	480V-3Ph-60Hz		
MINIMUM CIRCUIT AMPACITY	22.0 A		
MAX FUSE OR HACR BREAKER	25.0 A		
FAN MOTOR	FLA	1.2+1.2 A	
	OUTPUT	250+250 W	
COMP. MOTOR	RLA	16.0 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,480V maximum			
OUTDOOR USE UTILISATION À L'EXTÉRIEUR			
SERIAL NO.	 1016V10001		
<i>Carrier Corporation</i>			

Fig. 60 —38VMA120RDS6-1

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.		 Intertek 3124627	 AHRI CERTIFIED <small>www.ahridirectory.org</small> Variable Refrigerant Flow (VRF) Multi-Split AC and HP AHRI Standard 1220
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.		 Intertek 3124627	 AHRI CERTIFIED <small>www.ahridirectory.org</small> Variable Refrigerant Flow (VRF) Multi-Split AC and HP AHRI Standard 1220
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 —38VMA240RDL6-1



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 —38VMA264RDS6-1



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