Air Conditioning Technical Data

RXM-A9

EEDEN25

TABLE OF CONTENTS

RXM-A9

1 Features

1 - 1 RXM-A9

› Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
› Anti-corrosion treated outdoor heat exchanger fin
› Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
› Outdoor units for pair application
› Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall

Outdoor unit silent operation (3 steps + auto)

2 Specifications

2 - 1 Specifications

Technical specifications					RXM25A9	RXM35A9	RXM50A9
Refrigerant	Charge			tCO2Eq	0.65		0.75
Casing	Colour				Ivory white		
Dimensions	Unit	Height		mm	610		734
		Width		mm	923		954
		Depth		mm	367		401
	Packed unit	Height		mm	675		820
		Width		mm	1,007		1,050
		Depth		mm	450		480
Weight	Unit			kg	36		49
	Packed unit			kg	40		53
Packing	Weight			kg	4		
Heat exchanger	Length			mm	869		920
	Rows	Quantity			2		
	Fin pitch			mm	1.4		
	Stages	Quantity			26		32
	Passes	Quantity			4.3		2.2
	Tube type				ø7 Hi-XD		
	Tube material				Copper		
	Tube diameter			mm	7		
	Fin	Type			Waffle fin (PE)		
Fan	Type				Propeller fan		
	Air flow rate	Cooling	High	m^3/min	39.1		58
				cfm	1,381		2,048
			Nom.	m^3/min	38.5	39.1	58
				cfm	1,360	1,381	2,048
			Medium	m^3/min	36.5		56.3
				cfm	1,289		1,988
			Low	m^3/min	26.4		56.3
				cfm	932		1,988
			Silent operation	m^3/min	26.4		36.6
				cfm	932		1,293
		Heating	High	m^3/min	39.1		54.7
				cfm	1,381		1,932
			Nom.	m^3/min	35	38	54.7
				cfm	1,236	1,342	1,932
			Medium	m^3/min	21.3		36.6
Fan	Air flow rate	Heating	Medium	cfm	752		1,293
			Low	m^3/min	16.3		36.6
				cfm	576		1,293
Fan motor	Model				DFC05A3VA		DFC07C1VA
	Output			W	50		70
	Speed	Cooling	High	rpm	850		760
			Nom.	rpm	840	850	760
			Medium	rpm	800		740
			Low	rpm	600		740
			Super low	rpm	600		500
		Heating	High	rpm	850		720
			Nom.	rpm	770	830	720
			Low	rpm	400		500
			Medium	rpm	500		
Compressor	Model				1Y091BKBX1P#D		2Y147BKBX1P#D
	Oil Amount			cm^3	375		650
	Type				Hermetically sealed swing compressor		
	Output			W	800		1,300
	Oil Type				FW68DA		
Operation range	Cooling	Ambient	Min.	°CDB	-10		
			Max.	°CDB	50		50 (1) / 46 (1)
	Heating	Ambient	Min.	°CWB	-21		-21 (1) / -15 (1)
				°CDB	-20		-20 (1) / -15 (1)
			Max.	°CWB	18		
				°CDB	24		
Sound power level	Cooling	Max		dBA	61	62	63
		Nom.		dBA	58		62
		Night quiet mode		dBA	56		58
		Tonal adjustment		dBA	0		
	Heating	Max		dBA	61	62	63
		Nom.		dBA	58	60	62
		Night quiet mode		dBA	56		58
		Tonal adjustment		dBA	0		

2 Specifications

2 - 1 Specifications

Technical specifications					RXM25A9	RXM35A9	RXM50A9
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Max.		dBA	59	60	
		Night quiet mode		dBA	55		
		Tonal adjustment		dBA	0		
	Heating	Max.		dBA	59	60	
Sound power level - Low sound mode (Stb. 2020, 189)	Heating	Night quiet mode		dBA	55		
		Tonal adjustment		dBA	0		
Sound pressure level	Cooling	Nom.		dBA	46	47	48
	Heating	Nom.		dBA	47	49	
Refrigerant	Type				R-32		
	Charge			kg	0.95		1.1
	Charge			tCO2Eq	0.65		0.75
	Control				Expansion valve		
	GWP				675		
Piping connections	Liquid	OD		mm	6.4		
	Gas	OD		mm	9.5		12.7
	Drain	OD		mm	16 (inner diameter of connecting hose)		
	Piping length	OU - IU	Min.	m	1.5		3
			Max.	m	20		30
		System	Chargeless	m	10		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	15		20
	Heat insulation				Both liquid and gas pipes		
Capacity control	Method				Inverter controlled		

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Drain joint;Quantity: 1;

Standard accessories: Refrigerant charge label;Quantity: 1;

Standard accessories: Multilingual fluorinated greenhouse gases labels;Quantity: 1;

Standard accessories: General safety precautions;Quantity: 1;

Standard accessories: LOT10 Energy Label;Quantity: 1;

Standard accessories: Drain cap;Quantity: 1;

Electrical specifications				RXM25A9	RXM35A9	RXM50A9
Power supply	Name			V1		
	Phase			1~		
	Frequency		Hz	50		
	Voltage		V	220-240		
Wiring connections	For power supply	Quantity		3		
		Remark		Earth wire included		
	For connection with indoor	Quantity		4		
		Remark		Earth wire included		
Current - 50Hz	Maximum fuse amps (MFA)	Maximum fuse amps (MFA)	A	13		16

(1)See separate drawing for operation range |
See separate drawing for electrical data |
Contains fluorinated greenhouse gases

Technical specifications				FBA35A9 + RXM35A9	FBA50A9 + RXM50A9
Cooling capacity	Nom.		kW	3.4	5
	Nom.		Btu/h	11,600	17,100
	Nom.		kcal/h	2,923	4,299
Heating capacity	Nom.		kW	4	5.5
	Nom.		Btu/h	13,600	18,800
	Nom.		kcal/h	3,439	4,729
Power input	Cooling	Nom.	kW	0.85	1.41
	Heating	Nom.	kW	1	1.44
Nominal efficiency	EER			4.02	3.55
	COP			4.02	3.83
	Annual energy consumption		kWh	423	704
	Energy labeling Directive	Cooling		A	
		Heating		A	
Space cooling	Energy efficiency class			A++	
	Capacity	Pdesign	kW	3.4	5
	SEER			6.3	6.27
	Annual energy consumption		kWh/a	189	279

2 Specifications

2 - 1 Specifications

Technical specifications					FBA35A9 + RXM35A9	FBA50A9 + RXM50A9
Space heating (Average climate)	Energy efficiency class				A+	
	Capacity	Pdesign		kW	2.9	4.4
	SCOP/A				4.17	4.06
	SCOPnet/A				4.23	4.08
	Pdh Heating capacity at -10°			kW	2.32	3.73
	Annual energy consumption			kWh/a	973	1,517
	Required back up heating cap at design conditions			kW	0.58	0.67
Space heating (Warm climate)	Energy efficiency class				A+	
	Capacity	Pdesignh		kW	1.57	2.37
	SCOP				4.59	4.48
	SCOPnet				4.81	4.49
	Annual energy consumption			kWh/a	479	741
	Required back up heating cap at design conditions			kW	0	
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	3.4	5
		EERd			4.02	3.55
		Power input		kW	0.85	1.41
	B Condition (30°C - 27/19)	Pdc		kW	2.51	3.69
		EERd			6.1	5.26
		Power input		kW	0.41	0.7
Space cooling	C Condition (25°C - 27/19)	Pdc		kW	1.62	2.37
		EERd			9.16	8.41
		Power input		kW	0.18	0.28
	D Condition (20°C - 27/19)	Pdc		kW	1.75	1.98
		EERd			10.3	10.52
		Power input		kW	0.17	0.19
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.32	3.74
		COPd (declared COP)			2.9	2.62
		Power input		kW	0.8	1.78
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	2.57	3.9
		COPd (declared COP)			3.17	3.09
		Power input		kW	0.81	1.26
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.57	3.9
		COPd (declared COP)			3.17	3.09
		Power input		kW	0.81	1.26
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.57	2.37
		COPd (declared COP)			4.31	4.2
		Power input		kW	0.36	0.56
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.05	1.61
		COPd (declared COP)			4.69	4.55
		Power input		kW	0.22	0.35
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.5	1.58
		COPd (declared COP)			6.04	5.23
		Power input		kW	0.25	0.3
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	1.57	3.47
		COPd (declared COP)			4.31	1.95
		Power input		kW	0.36	1.78
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	1.57	2.37
		COPd (declared COP)			4.31	4.2
		Power input		kW	0.36	0.56
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.57	2.37
		COPd (declared COP)			4.31	4.2
		Power input		kW	0.36	0.56
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.05	1.61
		COPd (declared COP)			4.69	4.55
		Power input		kW	0.22	0.35
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.5	1.58
		COPd (declared COP)			6.04	5.23
		Power input		kW	0.25	0.3
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	29	2
			Cooling	W	33	2
	Standby mode	Cooling	PSB	W	11	13
		Heating	PSB	W	11	13
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	11	13
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	

2 Specifications

2 - 1 Specifications

Technical specifications					FBA35A9 + RXM35A9	FBA50A9 + RXM50A9
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	-	62
	Sound power level indoor	Cooling	Nom.	dBA	-	60
	Piping length	Cooling	Measuring condition	m	5	
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	B Condition (2°C) - SCOPnet/A	COPd (declared COP)			---	
	SCOPnet/A				-	
	C Condition (7°C) - SCOPnet/A	Pdh (declared heating cap)		kW	---	

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FCAG35B + RXM35A9	FCAG50B + RXM50A9
Cooling capacity	Nom.		kW	3.5	5
	Nom.		Btu/h	11,900	17,100
	Nom.		kcal/h	3,009	4,299
Heating capacity	Nom.		kW	4.2	6
	Nom.		Btu/h	14,300	20,500
	Nom.		kcal/h	3,611	5,159
Power input	Cooling	Nom.	kW	0.94	1.4
	Heating	Nom.	kW	1.11	1.62
Nominal efficiency	EER			3.72	3.58
	COP			3.77	3.7
	Annual energy consumption		kWh	470	698
	Energy labeling Directive	Cooling		A	
		Heating		A	
Space cooling	Energy efficiency class			A++	
	Capacity	Pdesign	kW	3.5	5
	SEER			6.51	6.54
	Annual energy consumption		kWh/a	188	268
Space heating (Average climate)	Energy efficiency class			A++	A+
	Capacity	Pdesign	kW	3.32	4.36
	SCOP/A			4.98	4.3
	SCOPnet/A			5.05	4.33
	Pdh Heating capacity at -10°		kW	2.67	3.86
	Annual energy consumption		kWh/a	933	1,418
	Required back up heating cap at design conditions		kW	0.65	0.5
Space heating (Warm climate)	Energy efficiency class			A+++	
	Capacity	Pdesignh	kW	1.79	2.35
	SCOP			6.22	5.22
	SCOPnet			6.45	5.31
	Annual energy consumption		kWh/a	403	630
	Required back up heating cap at design conditions		kW	0	
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	3.5	5
		EERd		3.72	3.58
		Power input	kW	0.94	1.4
	B Condition (30°C - 27/19)	Pdc	kW	2.58	3.69
		EERd		5.28	5.17
		Power input	kW	0.49	0.71
Space cooling	C Condition (25°C - 27/19)	Pdc	kW	1.66	2.37
		EERd		9.12	8.52
		Power input	kW	0.18	0.28
	D Condition (20°C - 27/19)	Pdc	kW	1.27	1.87
		EERd		12.3	10.69
		Power input	kW	0.1	0.17

2 Specifications

2 - 1 Specifications

Technical specifications					FCAG35B + RXM35A9	FCAG50B + RXM50A9
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.67	3.62
		COPd (declared COP)			3.08	2.86
		Power input		kW	0.87	1.89
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	2.94	3.86
		COPd (declared COP)			3.25	2.81
		Power input		kW	0.9	1.37
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.94	3.86
		COPd (declared COP)			3.25	2.81
		Power input		kW	0.9	1.37
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.79	2.35
		COPd (declared COP)			5.02	4.39
		Power input		kW	0.36	0.54
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.15	1.54
		COPd (declared COP)			6.29	5.31
		Power input		kW	0.18	0.29
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.31	1.79
		COPd (declared COP)			8.04	6.47
		Power input		kW	0.16	0.28
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	1.79	3.86
		COPd (declared COP)			5.02	2.04
		Power input		kW	0.36	1.89
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	1.79	2.35
		COPd (declared COP)			5.02	4.39
		Power input		kW	0.36	0.54
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.79	2.35
		COPd (declared COP)			5.02	4.39
		Power input		kW	0.36	0.54
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.15	1.54
		COPd (declared COP)			6.29	5.31
		Power input		kW	0.18	0.29
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.31	1.79
		COPd (declared COP)			8.04	6.47
		Power input		kW	0.16	0.28
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	19	15
			Cooling	W	15	5
	Standby mode	Cooling	PSB	W	10	8
		Heating	PSB	W	10	8
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	10	8
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	-	62
	Sound power level indoor	Cooling	Nom.	dBA	-	49
	Piping length	Cooling	Measuring condition	m	5	

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FDXM25F9 + RXM25A9	FDXM35F9 + RXM35A9	FDXM50F9 + RXM50A9
Cooling capacity	Min.		kW	1.3	1.4	1.7
	Min.		Btu/h	4,400	4,800	5,800
	Min.		kcal/h	1,118	1,204	1,462
	Nom.		kW	2.4	3.4	5
	Nom.		Btu/h	8,200	11,600	17,100
	Nom.		kcal/h	2,064	2,923	4,299
	Max.		kW	3	3.8	5.3
	Max.		Btu/h	10,200	13,000	18,100
	Max.		kcal/h	2,580	3,267	4,557
Heating capacity	Min.		kW	1.3	1.4	1.7
	Min.		Btu/h	4,400	4,800	5,800
	Min.		kcal/h	1,118	1,204	1,500
	Nom.		kW	3.2	4	5.8
	Nom.		Btu/h	10,900	13,600	19,800
	Nom.		kcal/h	2,752	3,439	4,987
	Max.		kW	4.5	5	6
	Max.		Btu/h	15,400	17,100	20,500
	Max.		kcal/h	3,869	4,299	5,159
Power input	Cooling	Nom.	kW	0.64	1.14	1.63
	Heating	Nom.	kW	0.8	1.15	1.87
Nominal efficiency	EER			3.77	2.98	3.06
	COP			4	3.48	3.1
	Annual energy consumption		kWh	318	570	817
	Energy labeling Directive	Cooling		A	C	B
		Heating		A	B	D
Space cooling	Energy efficiency class			A+	A	A+
	Capacity	Pdesign	kW	2.4	3.4	5
	SEER			5.79	5.35	5.77
	Annual energy consumption		kWh/a	145	222	303
Space heating (Average climate)	Energy efficiency class			A+	A	
	Capacity	Pdesign	kW	2.6	2.9	4
	SCOP/A			4.29	3.95	3.93
	SCOPnet/A			4.37	4.02	3.95
	Pdh Heating capacity at -10°		kW	2.15	2.32	3.54
	Annual energy consumption		kWh/a	848	1,028	1,424
	Required back up heating cap at design conditions		kW	0.45	0.58	0.46
Space heating (Warm climate)	Energy efficiency class			A++	A+	
	Capacity	Pdesignh	kW	1.4	1.57	2.16
	SCOP			4.71	4.43	4.41
	SCOPnet			5.18	4.8	4.46
	Annual energy consumption		kWh/a	416	496	685
	Required back up heating cap at design conditions		kW		0	
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	2.4	3.4	5
		EERd		3.77	2.98	3.06
		Power input	kW	0.64	1.14	1.63
	B Condition (30°C - 27/19)	Pdc	kW	1.77	2.51	3.69
		EERd		5.45	4.68	4.96
		Power input	kW	0.32	0.54	0.74
	C Condition (25°C - 27/19)	Pdc	kW	1.18	1.62	2.37
		EERd		8.72	7.26	8.21
		Power input	kW	0.14	0.22	0.29
	D Condition (20°C - 27/19)	Pdc	kW		1.38	2.26
		EERd		10.51	9.46	9.47
		Power input	kW	0.13	0.15	0.24

2 Specifications

2 - 1 Specifications

Technical specifications					FDXM25F9 + RXM25A9	FDXM35F9 + RXM35A9	FDXM50F9 + RXM50A9
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15		-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.15	2.32	3.3
		COPd (declared COP)			2.92	2.64	2.93
		Power input		kW	0.74	0.88	1.87
	TBivalent	Tbiv (bivalent temperature)		°C	-7		
		Pdh (declared heating cap)		kW	2.31	2.57	3.54
		COPd (declared COP)			3.1	2.81	2.87
		Power input		kW	0.75	0.91	1.23
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.31	2.57	3.54
		COPd (declared COP)			3.1	2.81	2.87
		Power input		kW	0.75	0.91	1.23
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.4	1.57	2.16
		COPd (declared COP)			4.36	4.04	4.1
		Power input		kW	0.32	0.39	0.53
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.9	1.13	1.62
		COPd (declared COP)			5.2	4.85	4.56
		Power input		kW	0.17	0.23	0.36
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.9	1.3	1.92
		COPd (declared COP)			6.15	5.95	5.49
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.15	0.22	0.35
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15		
	E condition (2°C)	Pdh (declared heating cap)		kW	1.4	1.57	3.54
		COPd (declared COP)			4.36	4.04	1.89
		Power input		kW	0.32	0.39	1.87
	TBivalent	Tbiv (bivalent temperature)		°C	2		
		Pdh (declared heating cap)		kW	1.4	1.57	2.16
		COPd (declared COP)			4.36	4.04	4.1
		Power input		kW	0.32	0.39	0.53
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.4	1.57	2.16
		COPd (declared COP)			4.36	4.04	4.1
		Power input		kW	0.32	0.39	0.53
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.9	1.13	1.62
		COPd (declared COP)			5.2	4.85	4.56
		Power input		kW	0.17	0.23	0.36
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.9	1.3	1.92
		COPd (declared COP)			6.15	5.95	5.49
		Power input		kW	0.15	0.22	0.35
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	50		9
			Cooling	W	45		9
	Standby mode	Cooling	PSB	W	8		15
		Heating	PSB	W	8		15
	Crankcase heater mode	PCK		W	0		
	Off mode	POFF		W	8		15
Cooling	Cdc (Degradation cooling)				0.25		
Heating	Cdh (Degradation heating)				0.25		
Cooling function included					Yes		
Heating function included					Yes		
Average climate included					Yes		
Cold season included					No		
Warm season included					Yes		
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	-		62
	Sound power level indoor	Cooling	Nom.	dBA	-		55
	Piping length	Cooling	Measuring condition	m	5		

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FFA25A9 + RXM25A9	FFA35A9 + RXM35A9	FFA50A9 + RXM50A9
Cooling capacity	Nom.		kW	2.5	3.4	5
	Nom.		Btu/h	8,500	11,600	17,100
	Nom.		kcal/h	2,150	2,923	4,299
Heating capacity	Nom.		kW	3.2	4.2	5.8
	Nom.		Btu/h	10,900	14,300	19,800
	Nom.		kcal/h	2,752	3,611	4,987
Power input	Cooling	Nom.	kW	0.55	0.89	1.54
	Heating	Nom.	kW	0.82	1.2	1.66
Nominal efficiency	EER			4.57	3.81	3.24
	COP			3.9	3.5	3.49
	Annual energy consumption		kWh	274	446	772
	Energy labeling Directive	Cooling		A		
		Heating		A	B	
Space cooling	Energy efficiency class			A++		A+
	Capacity	Pdesign	kW	2.5	3.4	5
	SEER			6.32	6.47	5.98
	Annual energy consumption		kWh/a	138	184	293
Space heating (Average climate)	Energy efficiency class			A+		A
	Capacity	Pdesign	kW	2.31	3.1	3.84
	SCOP/A			4.29	4.19	3.9
	SCOPnet/A			4.34	4.24	3.92
	Pdh Heating capacity at -10°		kW	1.84	2.5	3.4
	Annual energy consumption		kWh/a	754	1,035	1,378
	Required back up heating cap at design conditions		kW	0.47	0.6	0.44
Space heating (Warm climate)	Energy efficiency class			A++		
	Capacity	Pdesignh	kW	1.25	1.67	2.09
	SCOP			5	5.08	4.79
	SCOPnet			5.18	5.22	4.83
	Annual energy consumption		kWh/a	350	460	611
	Required back up heating cap at design conditions		kW	0		
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	2.5	3.4	5
		EERd		4.57	3.81	3.24
		Power input	kW	0.55	0.89	1.54
	B Condition (30°C - 27/19)	Pdc	kW	1.85	2.51	3.69
		EERd		5.06	4.97	5.38
		Power input	kW	0.37	0.51	0.69
Space cooling	C Condition (25°C - 27/19)	Pdc	kW	1.19	1.62	2.37
		EERd		9.26	8.76	7.85
		Power input	kW	0.13	0.18	0.3
	D Condition (20°C - 27/19)	Pdc	kW	1.22	1.24	2.15
		EERd		10.87	12.2	10.67
		Power input	kW	0.11	0.1	0.2
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15		-10
	E condition (-10°C)	Pdh (declared heating cap)	kW	1.84	2.5	3.16
		COPd (declared COP)		2.89	2.68	1.99
		Power input	kW	0.64	0.93	1.71
	TBivalent	Tbiv (bivalent temperature)	°C	-7		
		Pdh (declared heating cap)	kW	2.05	2.75	3.4
		COPd (declared COP)		3.1	2.83	2.62
		Power input	kW	0.66	0.97	1.3
	A Condition (-7°C)	Pdh (declared heating cap)	kW	2.05	2.75	3.4
		COPd (declared COP)		3.1	2.83	2.62
		Power input	kW	0.66	0.97	1.3
	B Condition (2°C)	Pdh (declared heating cap)	kW	1.25	1.67	2.09
		COPd (declared COP)		4.39	4.23	3.97
		Power input	kW	0.28	0.39	0.53
	C Condition (7°C)	Pdh (declared heating cap)	kW	1.06	1.08	1.47
		COPd (declared COP)		5.28	5.18	4.81
		Power input	kW	0.2	0.21	0.31
	D Condition (12°C)	Pdh (declared heating cap)	kW	0.83		1.71
		COPd (declared COP)		6.39	6.05	5.94
		Power input	kW	0.13	0.14	0.29

2 Specifications

2 - 1 Specifications

Technical specifications					FFA25A9 + RXM25A9	FFA35A9 + RXM35A9	FFA50A9 + RXM50A9
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15		
	E condition (2°C)	Pdh (declared heating cap)		kW	1.25	1.67	3.4
		COPd (declared COP)			4.39	4.23	1.99
		Power input		kW	0.28	0.39	1.71
	TBivalent	Tbiv (bivalent temperature)		°C	2		
		Pdh (declared heating cap)		kW	1.25	1.67	2.09
		COPd (declared COP)			4.39	4.23	3.97
		Power input		kW	0.28	0.39	0.53
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.25	1.67	2.09
		COPd (declared COP)			4.39	4.23	3.97
		Power input		kW	0.28	0.39	0.53
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.06	1.08	1.47
		COPd (declared COP)			5.28	5.18	4.81
		Power input		kW	0.2	0.21	0.31
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.83		1.71
		COPd (declared COP)			6.39	6.05	5.94
		Power input		kW	0.13	0.14	0.29
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	16		7
			Cooling	W	13		7
	Standby mode	Cooling	PSB	W	8		15
		Heating	PSB	W	8		15
	Crankcase heater mode	PCK		W	0		
	Off mode	POFF		W	8		15
Cooling	Cdc (Degradation cooling)				0.25		
Heating	Cdh (Degradation heating)				0.25		
Cooling function included					Yes		
Heating function included					Yes		
Average climate included					Yes		
Cold season included					No		
Warm season included					Yes		
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	-		62
	Sound power level indoor	Cooling	Nom.	dBA	-		56
	Piping length	Cooling	Measuring condition	m	5		

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FHA35A9 + RXM35A9	FHA50A9 + RXM50A9
Cooling capacity	Nom.		kW	3.4	5
	Nom.		Btu/h	11,600	17,100
	Nom.		kcal/h	2,923	4,299
Heating capacity	Nom.		kW	4	6
	Nom.		Btu/h	13,600	20,500
	Nom.		kcal/h	3,439	5,159
Power input	Cooling	Nom.	kW	0.91	1.56
	Heating	Nom.	kW	0.98	1.79
Nominal efficiency	EER			3.73	3.21
	COP			4.08	3.35
	Annual energy consumption		kWh	456	779
	Energy labeling Directive	Cooling		A	
		Heating		A	C
Space cooling	Energy efficiency class			A++	A+
	Capacity	Pdesign	kW	3.4	5
	SEER			6.31	5.92
	Annual energy consumption		kWh/a	189	295

2 Specifications

2 - 1 Specifications

Technical specifications					FHA35A9 + RXM35A9	FHA50A9 + RXM50A9
Space heating (Average climate)	Energy efficiency class				A+	A
	Capacity	Pdesign		kW	3.1	4.35
	SCOP/A				4.48	3.86
	SCOPnet/A				4.54	3.88
	Pdh Heating capacity at -10°			kW	2.47	3.85
	Annual energy consumption			kWh/a	968	1,577
	Required back up heating cap at design conditions			kW	0.63	0.5
Space heating (Warm climate)	Energy efficiency class				A+++	A+
	Capacity	Pdesignh		kW	1.67	2.35
	SCOP				5.42	4.59
	SCOPnet				5.65	4.64
	Annual energy consumption			kWh/a	431	716
	Required back up heating cap at design conditions			kW	0	
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	3.4	5
		EERd			3.73	3.21
		Power input		kW	0.91	1.56
	B Condition (30°C - 27/19)	Pdc		kW	2.51	3.69
		EERd			5.43	5.04
		Power input		kW	0.46	0.73
Space cooling	C Condition (25°C - 27/19)	Pdc		kW	1.62	2.37
		EERd			8.57	8.25
		Power input		kW	0.19	0.29
	D Condition (20°C - 27/19)	Pdc		kW	1.62	2.31
		EERd			10.96	10.39
		Power input		kW	0.15	0.22
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15	-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.47	3.61
		COPd (declared COP)			2.75	1.97
		Power input		kW	0.9	1.95
	TBivalent	Tbiv (bivalent temperature)		°C	-7	
		Pdh (declared heating cap)		kW	2.75	3.85
		COPd (declared COP)			2.92	2.61
		Power input		kW	0.94	1.48
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.75	3.85
		COPd (declared COP)			2.92	2.61
		Power input		kW	0.94	1.48
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.67	2.35
		COPd (declared COP)			4.6	3.95
		Power input		kW	0.36	0.59
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.13	1.54
		COPd (declared COP)			5.51	4.62
		Power input		kW	0.21	0.33
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.34	1.8
		COPd (declared COP)			7.07	5.65
		Power input		kW	0.19	0.32
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	1.67	3.85
		COPd (declared COP)			4.6	1.97
		Power input		kW	0.36	1.95
	TBivalent	Tbiv (bivalent temperature)		°C	2	
		Pdh (declared heating cap)		kW	1.67	2.35
		COPd (declared COP)			4.6	3.95
		Power input		kW	0.36	0.59
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.67	2.35
		COPd (declared COP)			4.6	3.95
		Power input		kW	0.36	0.59
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	1.13	1.54
		COPd (declared COP)			5.51	4.62
		Power input		kW	0.21	0.33
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.34	1.8
		COPd (declared COP)			7.07	5.65
		Power input		kW	0.19	0.32
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	23	10
			Cooling	W	23	10
	Standby mode	Cooling	PSB	W	8	15
		Heating	PSB	W	8	15
	Crankcase heater mode	PCK		W	0	
	Off mode	POFF		W	8	15
Cooling	Cdc (Degradation cooling)				0.25	
Heating	Cdh (Degradation heating)				0.25	

2 Specifications

2 - 1 Specifications

Technical specifications					FHA35A9 + RXM35A9	FHA50A9 + RXM50A9
Cooling function included					Yes	
Heating function included					Yes	
Average climate included					Yes	
Cold season included					No	
Warm season included					Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	-	62
	Sound power level indoor	Cooling	Nom.	dBA	-	54
	Piping length	Cooling	Measuring condition	m	5	

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FNA25A9 + RXM25A9	FNA35A9 + RXM35A9	FNA50A9 + RXM50A9
Cooling capacity	Nom.		kW	2.6	3.4	5
	Nom.		Btu/h	8,900	11,600	17,100
	Nom.		kcal/h	2,236	2,923	4,299
Heating capacity	Nom.		kW	3.2	4	5.8
	Nom.		Btu/h	10,900	13,600	19,800
	Nom.		kcal/h	2,752	3,439	4,987
Power input	Cooling	Nom.	kW	0.68	1.1	1.48
	Heating	Nom.	kW	0.8	1.15	1.74
Nominal efficiency	EER			3.8	3.09	3.38
	COP			4	3.48	3.34
	Annual energy consumption		kWh	342	550	740
	Energy labeling Directive	Cooling		A	B	A
		Heating		A	B	C
Space cooling	Energy efficiency class			A+		
	Capacity	Pdesign	kW	2.6	3.4	5
	SEER			5.76		5.77
	Annual energy consumption		kWh/a	158	207	303
Space heating (Average climate)	Energy efficiency class			A+		
	Capacity	Pdesign	kW	2.8	2.9	4
	SCOP/A			4.29	4.15	4.09
	SCOPnet/A			4.37	4.22	4.12
	Pdh Heating capacity at -10°		kW	2.28	2.32	3.54
	Annual energy consumption		kWh/a	913	978	1,368
	Required back up heating cap at design conditions		kW	0.52	0.58	0.46
Space heating (Warm climate)	Energy efficiency class			A++		
	Capacity	Pdesignh	kW	1.51	1.57	2.16
	SCOP			4.77	4.63	4.88
	SCOPnet			5.24	5.06	4.93
	Annual energy consumption		kWh/a	443	475	620
	Required back up heating cap at design conditions		kW	0		
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	2.6	3.4	5
		EERd		3.8	3.09	3.38
		Power input	kW	0.68	1.1	1.48
	B Condition (30°C - 27/19)	Pdc	kW	1.92	2.51	3.69
		EERd		5.4	5.22	5.02
		Power input	kW	0.36	0.48	0.74
Space cooling	C Condition (25°C - 27/19)	Pdc	kW	1.24	1.62	2.37
		EERd		8.59	8.09	7.23
		Power input	kW	0.14	0.2	0.33
	D Condition (20°C - 27/19)	Pdc	kW	1.38		1.74
		EERd		10.6	10.5	10.72
		Power input	kW	0.13		0.16

2 Specifications

2 - 1 Specifications

Technical specifications					FNA25A9 + RXM25A9	FNA35A9 + RXM35A9	FNA50A9 + RXM50A9
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15		-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.28	2.32	3.3
		COPd (declared COP)			2.9	2.76	2.91
		Power input		kW	0.79	0.84	1.88
	TBivalent	Tbiv (bivalent temperature)		°C		-7	
		Pdh (declared heating cap)		kW	2.48	2.57	3.54
		COPd (declared COP)			3.06	2.92	2.9
		Power input		kW	0.81	0.88	1.22
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.48	2.57	3.54
		COPd (declared COP)			3.06	2.92	2.9
		Power input		kW	0.81	0.88	1.22
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.51	1.57	2.16
		COPd (declared COP)			4.36	4.26	4.13
		Power input		kW	0.35	0.37	0.52
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.97	1.13	1.66
		COPd (declared COP)			5.24	5.12	5.08
		Power input		kW	0.19	0.22	0.33
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.9	1.3	1.96
		COPd (declared COP)			6.18	6.27	6.16
		Power input		kW	0.15	0.21	0.32
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C		-15	
	E condition (2°C)	Pdh (declared heating cap)		kW	1.51	1.57	3.54
		COPd (declared COP)			4.36	4.26	1.88
		Power input		kW	0.35	0.37	1.88
	TBivalent	Tbiv (bivalent temperature)		°C		2	
		Pdh (declared heating cap)		kW	1.51	1.57	2.16
		COPd (declared COP)			4.36	4.26	4.13
		Power input		kW	0.35	0.37	0.52
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.51	1.57	2.16
		COPd (declared COP)			4.36	4.26	4.13
		Power input		kW	0.35	0.37	0.52
Space heating (Warm climate)	C Condition (7°C)	Pdh (declared heating cap)		kW	0.97	1.13	1.66
		COPd (declared COP)			5.24	5.12	5.08
		Power input		kW	0.19	0.22	0.33
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.9	1.3	1.96
		COPd (declared COP)			6.18	6.27	6.16
		Power input		kW	0.15	0.21	0.32
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	53		9
			Cooling	W	47		9
	Standby mode	Cooling	PSB	W	9		15
		Heating	PSB	W	9		15
	Crankcase heater mode	PCK		W		0	
	Off mode	POFF		W	9		15
Cooling	Cdc (Degradation cooling)					0.25	
Heating	Cdh (Degradation heating)					0.25	
Cooling function included						Yes	
Heating function included						Yes	
Average climate included						Yes	
Cold season included						No	
Warm season included						Yes	
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	-		62
	Sound power level indoor	Cooling	Nom.	dBA	-		56
	Piping length	Cooling	Measuring condition	m		5	

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FTXM25A + RXM25A9	FTXM35A + RXM35A9	FTXM50A + RXM50A9
Cooling capacity	Min.		kW	0.9		1.7
	Min.		Btu/h	3,100		5,800
	Min.		kcal/h	774		1,462
	Nom.		kW	2.5	3.5	5
	Nom.		Btu/h	8,500	11,900	17,100
	Nom.		kcal/h	2,150	3,009	4,299
	Max.		kW	3.8	4.4	5.3
	Max.		Btu/h	13,000	15,000	18,100
	Max.		kcal/h	3,267	3,783	4,557
Heating capacity	Min.		kW	0.8		1.7
	Min.		Btu/h	2,700		5,800
	Min.		kcal/h	688		1,462
	Nom.		kW	2.8	4	5.8
	Nom.		Btu/h	9,600	13,600	19,800
	Nom.		kcal/h	2,408	3,439	4,987
	Max.		kW	5	5.5	6.5
	Max.		Btu/h	17,100	18,800	22,200
	Max.		kcal/h	4,299	4,729	5,589
Power input	Cooling	Nom.	kW	0.48	0.76	1.36
	Heating	Nom.	kW	0.56	0.88	1.47
Nominal efficiency	EER			5.2	4.63	3.68
	COP			5	4.55	3.95
	Annual energy consumption		kWh	240	378	679
	Energy labeling Directive	Cooling		A		
		Heating		A		
Space cooling	Energy efficiency class			A+++		A++
	Capacity	Pdesign	kW	2.5	3.5	5
	SEER			9.47	9.25	7.8
	Annual energy consumption		kWh/a	92	132	224
Space heating (Average climate)	Energy efficiency class			A+++		A++
	Capacity	Pdesign	kW	2.4	2.5	4.5
	SCOP/A			5.2		4.8
	SCOPnet/A			5.21		4.81
	Pdh Heating capacity at -10°		kW	2.4	2.5	4.5
	Annual energy consumption		kWh/a	647	673	1,312
	Required back up heating cap at design conditions		kW	0		
Space heating (Warm climate)	Energy efficiency class			A+++		
	Capacity	Pdesignh	kW	1.3	1.41	2.43
	SCOP			6.3	6.39	5.96
	SCOPnet			6.43	6.52	6.08
	Annual energy consumption		kWh/a	289	309	571
	Required back up heating cap at design conditions		kW	0		
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	2.5	3.5	5
		EERd		5.2	4.63	3.68
		Power input	kW	0.48	0.76	1.36
	B Condition (30°C - 27/19)	Pdc	kW	1.85	2.58	3.69
		EERd		7.64	7.23	5.9
		Power input	kW	0.24	0.36	0.63
	C Condition (25°C - 27/19)	Pdc	kW	1.22	1.66	2.37
		EERd		11.76	11.51	9.41
		Power input	kW	0.1	0.14	0.25
	D Condition (20°C - 27/19)	Pdc	kW	1.22	1.25	1.8
		EERd		14.79	14.3	13.49
		Power input	kW	0.08	0.09	0.13

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM25A + RXM25A9	FTXM35A + RXM35A9	FTXM50A + RXM50A9
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-20		
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.4	2.5	4.5
		COPd (declared COP)			3.2	3.15	2.78
		Power input		kW	0.75	0.79	1.62
	TBivalent	Tbiv (bivalent temperature)		°C	-10		
		Pdh (declared heating cap)		kW	2.4	2.5	4.5
		COPd (declared COP)			3.2	3.15	2.78
		Power input		kW	0.75	0.79	1.62
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.13	2.22	3.99
		COPd (declared COP)			3.49	3.47	3.07
		Power input		kW	0.61	0.64	1.3
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.3	1.41	2.43
		COPd (declared COP)			5.23	5.18	4.8
		Power input		kW	0.25	0.27	0.51
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.89	0.95	1.56
		COPd (declared COP)			6.31	6.48	6.13
		Power input		kW	0.14	0.15	0.25
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.97	1.05	1.56
		COPd (declared COP)			7.95	8	7.25
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.12	0.13	0.22
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-20		
	E condition (2°C)	Pdh (declared heating cap)		kW	1.3	1.41	2.43
		COPd (declared COP)			5.23	5.18	4.8
		Power input		kW	0.25	0.27	0.51
	TBivalent	Tbiv (bivalent temperature)		°C	2		
		Pdh (declared heating cap)		kW	1.3	1.41	2.43
		COPd (declared COP)			5.23	5.18	4.8
		Power input		kW	0.25	0.27	0.51
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.3	1.41	2.43
		COPd (declared COP)			5.23	5.18	4.8
		Power input		kW	0.25	0.27	0.51
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.89	0.95	1.56
		COPd (declared COP)			6.31	6.48	6.13
		Power input		kW	0.14	0.15	0.25
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.97	1.05	1.56
		COPd (declared COP)			7.95	8	7.25
		Power input		kW	0.12	0.13	0.22
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	8		15
			Cooling	W	7		12
	Standby mode	Cooling	PSB	W	1		
		Heating	PSB	W	1		
	Crankcase heater mode	PCK		W	0		
	Off mode	POFF		W	1		
Cooling	Cdc (Degradation cooling)				0.25		
Heating	Cdh (Degradation heating)				0.25		
Cooling function included					Yes		
Heating function included					Yes		
Average climate included					Yes		
Cold season included					No		
Warm season included					Yes		
Eurovent	Piping length	Cooling	Measuring condition	m	5		
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	B Condition (2°C) - SCOPnet/A	COPd (declared COP)			5.23 - 5.21	5.18 - 5.21	4.8 - 4.81
	SCOPnet/A				5.21		4.81
	C Condition (7°C) - SCOPnet/A	Pdh (declared heating cap)		kW	0.89 - 5.21	0.95 - 5.21	1.56 - 4.81

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FVXM25A + RXM25A9	FVXM35A + RXM35A9	FVXM50A + RXM50A9
Cooling capacity	Min.		kW	1.3	1.4	
	Min.		Btu/h	4,400	4,800	
	Min.		kcal/h	1,118	1,204	
	Nom.		kW	2.4	3.4	5
	Nom.		Btu/h	8,200	11,600	17,100
	Nom.		kcal/h	2,064	2,923	4,299
	Max.		kW	3.5	4	5.8
	Max.		Btu/h	11,900	13,600	19,800
	Max.		kcal/h	3,009	3,439	4,987
Heating capacity	Min.		kW	1.3	1.4	
	Min.		Btu/h	4,400	4,800	
	Min.		kcal/h	1,100	1,200	
	Nom.		kW	3.4	4.5	5.8
	Nom.		Btu/h	11,600	15,400	19,800
	Nom.		kcal/h	2,923	3,869	4,987
	Max.		kW	4.7	5.8	8.1
	Max.		Btu/h	16,000	19,800	27,600
	Max.		kcal/h	4,041	4,987	6,965
Power input	Cooling	Nom.	kW	0.54	0.85	1.31
	Heating	Nom.	kW	0.75	1.15	1.52
Nominal efficiency	EER			4.47	4.01	3.81
	COP			4.55	3.9	3.81
	Annual energy consumption		kWh	268	424	656
	Energy labeling Directive	Cooling		A		
		Heating		A		
Space cooling	Energy efficiency class			A+++	A++	
	Capacity	Pdesign	kW	2.4	3.4	5
	SEER			8.55	8.11	7.3
	Annual energy consumption		kWh/a	98	147	240
Space heating (Average climate)	Energy efficiency class			A++		A+
	Capacity	Pdesign	kW	2.3	2.8	4.1
	SCOP/A			4.65	4.63	4.31
	SCOPnet/A			4.68	4.67	4.35
	Pdh Heating capacity at -10°		kW	2.03	2.34	3.58
	Annual energy consumption		kWh/a	693	847	1,330
	Required back up heating cap at design conditions		kW	0.27	0.46	0.52
Space heating (Warm climate)	Energy efficiency class			A+++		A++
	Capacity	Pdesignh	kW	1.24	1.51	2.21
	SCOP			5.5	5.71	4.85
	SCOPnet			5.61	5.8	4.94
	Annual energy consumption		kWh/a	316	370	638
	Required back up heating cap at design conditions		kW	0		
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	2.4	3.4	5
		EERd		4.47	4.01	3.81
		Power input	kW	0.54	0.85	1.31
	B Condition (30°C - 27/19)	Pdc	kW	1.77	2.51	3.69
		EERd		6.5	5.82	5.49
		Power input	kW	0.27	0.43	0.67
	C Condition (25°C - 27/19)	Pdc	kW	1.23	1.62	2.37
		EERd		10.51	9.63	8.59
		Power input	kW	0.12	0.17	0.28
	D Condition (20°C - 27/19)	Pdc	kW	1.18	1.12	2.2
		EERd		14.9	15.17	12.51
		Power input	kW	0.08	0.07	0.18

2 Specifications

2 - 1 Specifications

Technical specifications					FVXM25A + RXM25A9	FVXM35A + RXM35A9	FVXM50A + RXM50A9
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15		-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.01	2.12	3.56
		COPd (declared COP)			2.24	1.94	2.68
		Power input		kW	0.9	1.09	1.92
	TBivalent	Tbiv (bivalent temperature)		°C	-7		
		Pdh (declared heating cap)		kW	2.04	2.48	3.63
		COPd (declared COP)			3.46	3.24	3.16
		Power input		kW	0.59	0.77	1.15
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.04	2.48	3.63
		COPd (declared COP)			3.46	3.24	3.16
		Power input		kW	0.59	0.77	1.15
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.51	2.21
		COPd (declared COP)			4.67	4.58	4.45
		Power input		kW	0.27	0.33	0.5
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.02	1.03	1.67
		COPd (declared COP)			5.67	5.8	5.15
		Power input		kW	0.18		0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.06	1.18	1.84
		COPd (declared COP)			7.16	7.13	5.98
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.15	0.17	0.31
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15		
	E condition (2°C)	Pdh (declared heating cap)		kW	2.01	2.12	3.49
		COPd (declared COP)			2.24	1.94	1.82
		Power input		kW	0.9	1.09	1.92
	TBivalent	Tbiv (bivalent temperature)		°C	2		
		Pdh (declared heating cap)		kW	1.24	1.51	2.21
		COPd (declared COP)			4.67	4.58	4.45
		Power input		kW	0.27	0.33	0.5
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.51	2.21
		COPd (declared COP)			4.67	4.58	4.45
		Power input		kW	0.27	0.33	0.5
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.02	1.03	1.67
		COPd (declared COP)			5.67	5.8	5.15
		Power input		kW	0.18		0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.06	1.18	1.84
		COPd (declared COP)			7.16	7.13	5.98
		Power input		kW	0.15	0.17	0.31
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	8		15
			Cooling	W	6		7
	Standby mode	Cooling	PSB	W	1		
		Heating	PSB	W	1		
	Crankcase heater mode	PCK		W	0		
	Off mode	POFF		W	1		
Cooling	Cdc (Degradation cooling)				0.25		
Heating	Cdh (Degradation heating)				0.25		
Cooling function included					Yes		
Heating function included					Yes		
Average climate included					Yes		
Cold season included					No		
Warm season included					Yes		
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	59	61	62
	Sound power level indoor	Cooling	Nom.	dBA	52	53	61
	Piping length	Cooling	Measuring condition	m	5		
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	B Condition (2°C) - SCOPnet/A	COPd (declared COP)			4.63 - 4.63	4.54 - 4.64	---
	SCOPnet/A				4.63	4.64	-
	C Condition (7°C) - SCOPnet/A	Pdh (declared heating cap)		kW	1.02 - 4.63	1.03 - 4.64	---

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FVXM25A9 + RXM25A9	FVXM35A9 + RXM35A9	FVXM50A9 + RXM50A9
Cooling capacity	Min.		kW	1.3	1.4	
	Min.		Btu/h	4,400	4,800	
	Min.		kcal/h	1,118	1,204	
	Nom.		kW	2.4	3.4	5
	Nom.		Btu/h	8,200	11,600	17,100
	Nom.		kcal/h	2,064	2,923	4,299
	Max.		kW	3.5	4	5.8
	Max.		Btu/h	11,900	13,600	19,800
	Max.		kcal/h	3,009	3,439	4,987
Heating capacity	Min.		kW	1.3	1.4	
	Min.		Btu/h	4,400	4,800	
	Min.		kcal/h	1,100	1,200	
	Nom.		kW	3.4	4.5	5.8
	Nom.		Btu/h	11,600	15,400	19,800
	Nom.		kcal/h	2,923	3,869	4,987
	Max.		kW	4.7	5.8	8.1
	Max.		Btu/h	16,000	19,800	27,600
	Max.		kcal/h	4,041	4,987	6,965
Power input	Cooling	Nom.	kW	0.54	0.85	1.31
	Heating	Nom.	kW	0.75	1.15	1.52
Nominal efficiency	EER			4.47	4.01	3.81
	COP			4.55	3.9	3.81
	Annual energy consumption		kWh	268	424	656
	Energy labeling Directive	Cooling		A		
		Heating		A		
Space cooling	Energy efficiency class			A+++	A++	
	Capacity	Pdesign	kW	2.4	3.4	5
	SEER			8.55	8.11	7.3
	Annual energy consumption		kWh/a	98	147	240
Space heating (Average climate)	Energy efficiency class			A++		A+
	Capacity	Pdesign	kW	2.3	2.8	4.1
	SCOP/A			4.65	4.63	4.31
	SCOPnet/A			4.68	4.67	4.35
	Pdh Heating capacity at -10°		kW	2.03	2.34	3.58
	Annual energy consumption		kWh/a	693	847	1,330
	Required back up heating cap at design conditions		kW	0.27	0.46	0.52
Space heating (Warm climate)	Energy efficiency class			A+++		A++
	Capacity	Pdesignh	kW	1.24	1.51	2.21
	SCOP			5.5	5.71	4.85
	SCOPnet			5.61	5.8	4.94
	Annual energy consumption		kWh/a	316	370	638
	Required back up heating cap at design conditions		kW	0		
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	2.4	3.4	5
		EERd		4.47	4.01	3.81
		Power input	kW	0.54	0.85	1.31
	B Condition (30°C - 27/19)	Pdc	kW	1.77	2.51	3.69
		EERd		6.5	5.82	5.49
		Power input	kW	0.27	0.43	0.67
	C Condition (25°C - 27/19)	Pdc	kW	1.23	1.62	2.37
		EERd		10.51	9.63	8.59
		Power input	kW	0.12	0.17	0.28
	D Condition (20°C - 27/19)	Pdc	kW	1.18	1.12	2.2
		EERd		14.9	15.17	12.51
		Power input	kW	0.08	0.07	0.18

2 Specifications

2 - 1 Specifications

Technical specifications					FVXM25A9 + RXM25A9	FVXM35A9 + RXM35A9	FVXM50A9 + RXM50A9
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15		-10
	E condition (-10°C)	Pdh (declared heating cap)		kW	2.01	2.12	3.56
		COPd (declared COP)			2.24	1.94	2.68
		Power input		kW	0.9	1.09	1.92
	TBivalent	Tbiv (bivalent temperature)		°C	-7		
		Pdh (declared heating cap)		kW	2.04	2.48	3.63
		COPd (declared COP)			3.46	3.24	3.16
		Power input		kW	0.59	0.77	1.15
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.04	2.48	3.63
		COPd (declared COP)			3.46	3.24	3.16
		Power input		kW	0.59	0.77	1.15
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.51	2.21
		COPd (declared COP)			4.67	4.58	4.45
		Power input		kW	0.27	0.33	0.5
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.02	1.03	1.67
		COPd (declared COP)			5.67	5.8	5.15
		Power input		kW	0.18		0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.06	1.18	1.84
		COPd (declared COP)			7.16	7.13	5.98
Space heating (Average climate)	D Condition (12°C)	Power input		kW	0.15	0.17	0.31
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15		
	E condition (2°C)	Pdh (declared heating cap)		kW	2.01	2.12	3.49
		COPd (declared COP)			2.24	1.94	1.82
		Power input		kW	0.9	1.09	1.92
	TBivalent	Tbiv (bivalent temperature)		°C	2		
		Pdh (declared heating cap)		kW	1.24	1.51	2.21
		COPd (declared COP)			4.67	4.58	4.45
		Power input		kW	0.27	0.33	0.5
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.51	2.21
		COPd (declared COP)			4.67	4.58	4.45
		Power input		kW	0.27	0.33	0.5
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.02	1.03	1.67
		COPd (declared COP)			5.67	5.8	5.15
		Power input		kW	0.18		0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.06	1.18	1.84
		COPd (declared COP)			7.16	7.13	5.98
		Power input		kW	0.15	0.17	0.31
Power consumption in other than active mode	Thermo-stat-off mode	PTO	Heating	W	8		15
			Cooling	W	6		7
	Standby mode	Cooling	PSB	W	1		
		Heating	PSB	W	1		
	Crankcase heater mode	PCK		W	0		
	Off mode	POFF		W	1		
Cooling	Cdc (Degradation cooling)				0.25		
Heating	Cdh (Degradation heating)				0.25		
Cooling function included					Yes		
Heating function included					Yes		
Average climate included					Yes		
Cold season included					No		
Warm season included					Yes		
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	59	61	62
	Sound power level indoor	Cooling	Nom.	dBA	52	53	61
	Piping length	Cooling	Measuring condition	m	5		
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	B Condition (2°C) - SCOPnet/A	COPd (declared COP)			4.63 - 4.63	4.54 - 4.64	---
	SCOPnet/A				4.63	4.64	-
	C Condition (7°C) - SCOPnet/A	Pdh (declared heating cap)		kW	1.02 - 4.63	1.03 - 4.64	---

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

3 Electrical data

3 - 1 Electrical Data

ARXM35A9
ARXM25-35A
RXM25-35A9
RXM20-42A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM20A5V1B	FTXM20A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,19	10	30	2	0,05	0,63	0,02	0,22
		50	230					1,9				
		50	240					1,8				
RXM20A5V1B	FTXM20A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,19	10	30	2	0,05	0,63	0,02	0,22
		50	230					1,9				
		50	240					1,8				
RXM25A5V1B	FTXM25A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM25A5V1B	FTXM25A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM35A5V1B	FTXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM35A5V1B	FTXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM42A5V1B	FTXM42A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	11,5	13	46	4,7	0,05	0,63	0,04	0,36
		50	230					4,5				
		50	240					4,3				
RXM42A5V1B	FTXM42A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	11,5	13	46	4,7	0,05	0,63	0,04	0,36
		50	230					4,5				
		50	240					4,3				
ARXM25A5V1B	ATXM25A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
ARXM25A5V1B	ATXM25A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
ARXM35A5V1B	ATXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				
ARXM35A5V1B	ATXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				

Symbols
- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor
- IFM: Indoor fan motor
- FLA: Full load amps [A]
- kW: Fan motor rated output [kW]
- RHz: Rated operating frequency [Hz]

Notes
1) The RLA is based on the following conditions.
   Outdoor temperature 35°C DB
   Indoor temperature 27°C DB / 19°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is 2%.
4) Use a circuit breaker instead of a fuse.

4D148957A

3 Electrical data

3 - 1 Electrical Data

ARXM35A9
ARXM25-35A
RXM25-35A9
RXM20-42A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM25A5V1B9	FTXM25A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM25A5V1B9	FTXM25A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10	13	38	2,5	0,05	0,63	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM35A5V1B9	FTXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM35A5V1B9	FTXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,6	0,05	0,63	0,03	0,31
		50	230					3,4				
		50	240					3,3				
ARXM35A5V1B9	ATXM35A2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				
ARXM35A5V1B9	ATXM35A5V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,1	13	57	3,7	0,05	0,63	0,03	0,31
		50	230					3,5				
		50	240					3,4				

Symbols
- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor
- IFM: Indoor fan motor
- FLA: Full load amps [A]
- kW: Fan motor rated output [kW]
- RHz: Rated operating frequency [Hz]

Notes
1) The RLA is based on the following conditions.
   Outdoor temperature 35°C DB
   Indoor temperature 27°C DB / 19°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is 2%.
4) Use a circuit breaker instead of a fuse.

4D148957A

3 Electrical data

3 - 1 Electrical Data

ARXM35A9
RXM25-35A9

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM25A5V1B9	FDXM25F3V1B9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,43	13	42	2,8	0,048	0,59	0,089	0,64
		50	230					2,7				
		50	240					2,6				
RXM25A5V1B9	FFA25A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,14	13	40	2,5	0,048	0,59	0,052	0,38
		50	230					2,4				
		50	240					2,3				
RXM25A5V1B9	FNA25A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,49	13	46	3,1	0,050	0,60	0,094	0,68
		50	230					3,0				
		50	240					2,9				
RXM35A5V1B9	FBA35A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	11,73	13	55	3,7	0,050	0,60	0,250	1,81
		50	230					3,5				
		50	240					3,4				
RXM35A5V1B9	FCAG35BVEB	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,23	13	58	3,6	0,050	0,60	0,062	0,45
		50	230					3,4				
		50	240					3,3				
RXM35A5V1B9	FDXM35F3V1B9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,45	13	70	4,5	0,050	0,60	0,089	0,64
		50	230					4,3				
		50	240					4,1				
RXM35A5V1B9	FFA35A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,15	13	58	3,6	0,050	0,60	0,052	0,38
		50	230					3,4				
		50	240					3,3				
RXM35A5V1B9	FHA35AVEB98	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,68	13	58	3,7	0,050	0,60	0,118	0,85
		50	230					3,5				
		50	240					3,4				
RXM35A5V1B9	FNA35A2VEB9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	10,49	13	70	4,5	0,050	0,60	0,094	0,68
		50	230					4,3				
		50	240					4,1				
ARXM35A5V1B9	ADEA35A2VEB	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	11,73	13	55	3,7	0,050	0,60	0,250	1,81
		50	230					3,5				
		50	240					3,4				
RXM25A5V1B9	FVXM25A3V1B FVXM25A3V1B9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,92	13	38	2,6	0,052	0,63	0,037	0,14
		50	230					2,5				
		50	240					2,4				
RXM25A5V1B9	FVXM25B2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,92	13	38	2,7	0,052	0,63	0,037	0,14
		50	230					2,6				
		50	240					2,5				
RXM35A5V1B9	FVXM35A3V1B FVXM35A3V1B9	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,92	13	58	3,9	0,052	0,63	0,037	0,14
		50	230					3,8				
		50	240					3,6				
RXM35A5V1B9	FVXM35B2V1B	50	220	Maximum 50Hz 264V Minimum 50Hz 198V	9,92	13	58	4,1	0,052	0,63	0,037	0,14
		50	230					3,9				
		50	240					3,7				

Symbols
- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor
- IFM: Indoor fan motor
- FLA: Full load amps [A]
- kW: Fan motor rated output [kW]
- RHz: Rated operating frequency [Hz]

Notes
1) The RLA is based on the following conditions.
   Outdoor temperature 35°C DB
   Indoor temperature 27°C DB / 19°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is 2%.
4) Use a circuit breaker instead of a fuse.

4D152147A

3 Electrical data

3 - 1 Electrical Data

ARXM50A9
ARXM60-71A
RXM50A9
RXM60-71A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM50A5V1B9	FTXM50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.5	0.066	0.83	0.040	0.36
		50	230					6.2				
		50	240					5.9				
RXM50A5V1B9	FTXM50A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.5	0.066	0.83	0.040	0.36
		50	230					6.2				
		50	240					5.9				
RXM50A5V1B9	FVXM50A3V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.54	16	58	5.3	0.066	0.83	0.037	0.14
		50	230					5.1				
		50	240					4.9				
RXM50A5V1B9	FVXM50A3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.54	16	58	5.3	0.066	0.83	0.037	0.14
		50	230					5.1				
		50	240					4.9				
RXM50A5V1B9	FCAG50BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.71	16	58	5.2	0.066	0.83	0.048	0.30
		50	230					5.0				
		50	240					4.8				
RXM50A5V1B9	FBA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	55	5.2	0.066	0.83	0.089	1.40
		50	230					5.0				
		50	240					4.8				
RXM50A5V1B9	FHA50AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.04	16	64	5.5	0.066	0.83	0.090	0.60
		50	230					5.3				
		50	240					5.2				
RXM50A5V1B9	FFA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.82	16	62	5.6	0.066	0.83	0.050	0.40
		50	230					5.4				
		50	240					5.3				
RXM50A5V1B9	FDXM50F3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.37	16	55	4.9	0.066	0.83	0.060	0.90
		50	230					4.7				
		50	240					4.5				
RXM50A5V1B9	FNA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.93	16	55	4.9	0.066	0.83	0.060	0.50
		50	230					4.7				
		50	240					4.5				
ARXM50A5V1B9	ATXM50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.7	0.066	0.83	0.040	0.36
		50	230					6.4				
		50	240					6.1				
ARXM50A5V1B9	ATXM50A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.78	16	64	6.7	0.066	0.83	0.040	0.36
		50	230					6.4				
		50	240					6.1				
ARXM50A5V1B9	ADEA50A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	55	5.2	0.066	0.83	0.089	1.40
		50	230					5.0				
		50	240					4.8				
ARXM60A5V1B	ADEA60A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	66	6.2	0.066	0.83	0.070	1.30
		50	230					6.0				
		50	240					5.7				
ARXM71A5V1B	ADEA71A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	81	8.2	0.066	0.83	0.070	1.30
		50	230					7.8				
		50	240					7.5				
ARXM71A5V1B	FCAG71BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.37	16	81	8.1	0.066	0.83	0.054	0.40
		50	230					7.7				
		50	240					7.4				
ARXM71A5V1B	FBA71A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	81	8.2	0.066	0.83	0.070	1.30
		50	230					7.8				
		50	240					7.5				
ARXM71A5V1B	FAA71BUV1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.37	16	83	8.3	0.066	0.83	0.048	0.40
		50	230					7.9				
		50	240					7.6				
RXM60A5V1B	FTXM60R2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	70	6.6	0.066	0.83	0.046	0.60
		50	230					6.3				
		50	240					6.0				
RXM60A5V1B	FTXM60A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	70	6.6	0.066	0.83	0.046	0.60
		50	230					6.3				
		50	240					6.0				
RXM60A5V1B	FCAG60BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.26	16	71	6.5	0.066	0.83	0.048	0.30
		50	230					6.3				
		50	240					6.2				
RXM60A5V1B	FBA60A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	66	6.1	0.066	0.83	0.070	1.30
		50	230					6.0				
		50	240					5.8				
RXM60A5V1B	FHA60AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	62	5.5	0.066	0.83	0.091	0.60
		50	230					5.3				
		50	240					5.1				
RXM60A5V1B	FFA60A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	70	6.5	0.066	0.83	0.050	0.60
		50	230					6.3				
		50	240					6.2				
RXM60A5V1B	FDXM60F3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.92	16	73	6.7	0.066	0.83	0.060	0.90
		50	230					6.5				
		50	240					6.4				
RXM60A5V1B	FNA60A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.59	16	73	6.7	0.066	0.83	0.060	0.60
		50	230					6.5				
		50	240					6.4				
RXM71A5V1B	FTXM71R2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	19.91	20	54	9.4	0.090	1.00	0.052	0.60
		50	230					8.9				
		50	240					8.6				
RXM71A5V1B	FTXM71A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	19.91	20	54	9.4	0.090	1.00	0.052	0.60
		50	230					8.9				
		50	240					8.6				

Symbols

MCA: Minimum Circuit Amperes [A]
MFA: Maximum Fuse Amperes [A]
COMP: Compressor
RHz: Rated operating frequency [H
RLA: Rated Load Amperes [A]
OFM: Outdoor fan motor
IFM: Indoor fan motor
kW: Fan motor rated output [kW]
FLA: Full Load Amperes [A]
MAX.: Maximum
MIN.: Minimum

Notes

1) The ·RLA· is based on the following conditions.
Outdoor temperature ·35·°C DB
Indoor temperature ·27·°C DB / ·19·°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is ·2·%.
4) Use a circuit breaker instead of a fuse.

4D151784B

3 Electrical data

3 - 1 Electrical Data

ARXM50A9
ARXM60-71A
RXM50A9
RXM60-71A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM50A5V1B9	FVXM50B2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14.54	16	58	5.3	0.066	0.83	0.037	0.14
		50	230					5.1				
		50	240					4.9				
ARXM71A5V1B	FHA71AVEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.81	16	83	8.3	0.066	0.83	0.110	0.80
		50	230					7.9				
		50	240					7.6				
ARXM71A5V1B	FHA71AVEB99	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.81	16	83	8.3	0.066	0.83	0.110	0.80
		50	230					7.9				
		50	240					7.6				
ARXM71A5V1B	FHA71AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15.81	16	83	8.3	0.066	0.83	0.110	0.80
		50	230					7.9				
		50	240					7.6				

MCA: Minimum Circuit Amperes [A]
MFA: Maximum Fuse Amperes [A]
COMP: Compressor
RHz: Rated operating frequency [Hz]
RLA: Rated Load Amperes [A]
OFM: Outdoor fan motor
IFM: Indoor fan motor
kW: Fan motor rated output [kW]
FLA: Full Load Amperes [A]
MAX.: Maximum
MIN.: Minimum

1) The ·RLA· is based on the following conditions.
Outdoor temperature ·35·°C DB
Indoor temperature ·27·°C DB / ·19·°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is ·2·%.
4) Use a circuit breaker instead of a fuse.

4D151784B

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FDXM25F9 / RXM25A9

Cooling 50Hz 220 -240V

AFR	8,7
BF	0,35

Indoor air temperature		Outdoor temperature [°C DB]																	
		20,0			25,0			30,0			32,0			**35,0**			40,0		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20,0	2,46	1,78	0,49	2,35	1,72	0,54	2,24	1,67	0,58	2,19	1,65	0,60	2,12	1,61	0,63	2,01	1,56	0,68
16,0	22,0	2,57	1,75	0,49	2,46	1,70	0,54	2,35	1,64	0,59	2,30	1,62	0,60	2,23	1,59	0,63	2,12	1,54	0,68
18,0	25,0	2,68	1,83	0,49	2,57	1,78	0,54	2,46	1,73	0,59	2,41	1,71	0,61	2,34	1,68	0,64	2,23	1,63	0,68
19,0	**27,0**	2,74	1,92	0,50	2,62	1,87	0,54	2,51	1,82	0,59	2,47	1,80	0,61	2,40	1,78	0,64	2,29	1,73	0,68
22,0	30,0	2,90	1,85	0,50	2,79	1,81	0,55	2,68	1,76	0,59	2,63	1,75	0,61	2,57	1,72	0,64	2,45	1,68	0,69
24,0	32,0	3,01	1,80	0,50	2,90	1,76	0,55	2,79	1,72	0,60	2,74	1,71	0,62	2,68	1,68	0,64	2,56	1,64	0,69

Cooling capacity at nominal operating frequency, measured according to EN14511.

Heating 50Hz 220 -240V

AFR	8,7

Indoor air temperature	Outdoor temperature [°C WB]											
	-15,0		-10,0		-5,0		0,0		**6,0**		10,0	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	1,61	0,58	2,02	0,63	2,42	0,68	2,44	0,72	3,31	0,78	3,63	0,82
20,0	1,50	0,60	1,91	0,64	2,31	0,69	2,34	0,74	3,20	0,80	3,52	0,84
22,0	1,46	0,60	1,86	0,65	2,27	0,70	2,30	0,75	3,16	0,81	3,48	0,85
24,0	1,41	0,61	1,82	0,66	2,22	0,71	2,26	0,76	3,11	0,81	3,44	0,85
25,0	1,39	0,61	1,80	0,66	2,20	0,71	2,24	0,76	3,09	0,82	3,41	0,86
27,0	1,35	0,62	1,75	0,67	2,16	0,72	2,21	0,77	3,05	0,83	3,37	0,86

Heating capacity at nominal operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D152285

FFA25A9 / RXM25A9

Cooling 50Hz 220 -240V

AFR	9,0
BF	0,12

Indoor air temperature		Outdoor temperature [°C DB]																	
		20,0			25,0			30,0			32,0			**35,0**			40,0		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20,0	2,56	2,07	0,42	2,44	2,01	0,46	2,33	1,96	0,50	2,28	1,93	0,52	2,21	1,90	0,54	2,10	1,85	0,58
16,0	22,0	2,68	2,03	0,42	2,56	1,98	0,46	2,44	1,93	0,50	2,40	1,91	0,52	2,33	1,88	0,54	2,21	1,83	0,58
18,0	25,0	2,79	2,15	0,42	2,68	2,10	0,46	2,56	2,06	0,51	2,51	2,04	0,52	2,44	2,01	0,55	2,33	1,96	0,59
19,0	**27,0**	2,85	2,29	0,43	2,73	2,24	0,47	2,62	2,20	0,51	2,57	2,18	0,52	2,50	2,15	0,55	2,38	2,11	0,59
22,0	30,0	3,02	2,22	0,43	2,91	2,18	0,47	2,79	2,14	0,51	2,74	2,12	0,53	2,67	2,10	0,55	2,56	2,06	0,59
24,0	32,0	3,14	2,17	0,43	3,02	2,13	0,47	2,90	2,09	0,51	2,86	2,08	0,53	2,79	2,06	0,55	2,67	2,02	0,59

Cooling capacity at nominal operating frequency, measured according to EN14511.

Heating 50Hz 220 -240V

AFR	9,0

Indoor air temperature	Outdoor temperature [°C WB]											
	-15,0		-10,0		-5,0		0,0		**6,0**		10,0	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	1,70	0,62	2,08	0,66	2,27	0,71	2,46	0,75	3,31	0,80	3,62	0,84
20,0	1,59	0,64	1,97	0,68	2,17	0,73	2,36	0,77	3,20	0,82	3,51	0,85
22,0	1,54	0,65	1,93	0,69	2,13	0,73	2,32	0,78	3,16	0,83	3,46	0,86
24,0	1,50	0,65	1,88	0,70	2,09	0,74	2,29	0,78	3,11	0,84	3,42	0,87
25,0	1,48	0,66	1,86	0,70	2,07	0,74	2,27	0,79	3,09	0,84	3,40	0,87
27,0	1,43	0,67	1,82	0,71	2,03	0,75	2,23	0,79	3,05	0,85	3,35	0,88

Heating capacity at nominal operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D152285

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FNA25A9 / RXM25A9

AFR	8,7
BF	0,35

Cooling 50Hz 220 -240V

Indoor air temperature		Outdoor temperature [°C DB]																	
		20,0			25,0			30,0			32,0			**35,0**			40,0		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20,0	2,66	1,89	0,52	2,54	1,83	0,58	2,42	1,76	0,63	2,37	1,74	0,65	2,30	1,70	0,68	2,18	1,64	0,73
16,0	22,0	2,78	1,86	0,53	2,66	1,80	0,58	2,54	1,74	0,63	2,49	1,71	0,65	2,42	1,68	0,68	2,30	1,62	0,73
18,0	25,0	2,90	1,93	0,53	2,78	1,87	0,58	2,66	1,82	0,63	2,61	1,80	0,65	2,54	1,76	0,68	2,42	1,71	0,73
19,0	**27,0**	2,96	2,02	0,53	2,84	1,97	0,58	2,72	1,91	0,63	2,67	1,89	0,65	2,60	1,86	0,68	2,48	1,81	0,73
22,0	30,0	3,14	1,94	0,54	3,02	1,90	0,59	2,90	1,85	0,64	2,85	1,83	0,66	2,78	1,80	0,69	2,66	1,76	0,74
24,0	32,0	3,26	1,89	0,54	3,14	1,84	0,59	3,02	1,80	0,64	2,97	1,78	0,66	2,90	1,76	0,69	2,78	1,72	0,74

Cooling capacity at nominal operating frequency, measured according to EN14511.

AFR	8,7

Heating 50Hz 220 -240V

Indoor air temperature	Outdoor temperature [°C WB]											
	-15,0		-10,0		-5,0		0,0		**6,0**		10,0	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	1,61	0,58	2,02	0,63	2,42	0,68	2,44	0,72	3,31	0,78	3,63	0,82
20,0	1,50	0,60	1,91	0,64	2,31	0,69	2,34	0,74	3,20	0,80	3,52	0,84
22,0	1,46	0,60	1,86	0,65	2,27	0,70	2,30	0,75	3,16	0,81	3,48	0,85
24,0	1,41	0,61	1,82	0,66	2,22	0,71	2,26	0,76	3,11	0,81	3,44	0,85
25,0	1,39	0,61	1,80	0,66	2,20	0,71	2,24	0,76	3,09	0,82	3,41	0,86
27,0	1,35	0,62	1,75	0,67	2,16	0,72	2,21	0,77	3,05	0,83	3,37	0,86

Heating capacity at nominal operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D152285

FTXM25A / RXM25A9

AFR	11,9
BF	0,16

Cooling 50Hz 220 -240V

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2,56	2,29	0,37	2,44	2,23	0,40	2,33	2,18	0,44	2,28	2,16	0,45	2,21	2,13	0,48	2,10	2,08	0,51
16	22	2,68	2,25	0,37	2,56	2,20	0,41	2,44	2,15	0,44	2,40	2,13	0,46	2,33	2,10	0,48	2,21	2,05	0,51
18	25	2,79	2,41	0,37	2,68	2,36	0,41	2,56	2,32	0,44	2,51	2,30	0,46	2,44	2,27	0,48	2,33	2,23	0,52
19	**27**	2,85	2,59	0,37	2,73	2,55	0,41	2,62	2,50	0,45	2,57	2,48	0,46	2,50	2,46	0,48	2,38	2,38	0,52
22	30	3,02	2,52	0,38	2,91	2,48	0,41	2,79	2,44	0,45	2,74	2,42	0,46	2,67	2,40	0,48	2,56	2,36	0,52
24	32	3,14	2,47	0,38	3,02	2,43	0,42	2,90	2,40	0,45	2,86	2,38	0,46	2,79	2,36	0,49	2,67	2,33	0,52

AFR	11,4

Heating 50Hz 220 -240V

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,45	0,44	1,79	0,46	2,14	0,48	2,49	0,50	2,91	0,53	3,18	0,54
20	1,34	0,47	1,69	0,49	2,04	0,51	2,38	0,54	2,80	0,56	3,08	0,58
22	1,30	0,49	1,65	0,51	1,99	0,53	2,34	0,55	2,76	0,57	3,04	0,59
24	1,26	0,50	1,61	0,52	1,95	0,54	2,30	0,56	2,72	0,59	2,99	0,60
25	1,24	0,51	1,58	0,53	1,93	0,55	2,28	0,57	2,69	0,60	2,97	0,61
27	1,20	0,52	1,54	0,54	1,89	0,56	2,24	0,58	2,65	0,61	2,93	0,63

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,06	0,83	2,63	0,93	3,19	1,03	3,38	1,13	3,77	1,23	5,00	1,36	5,45	1,44

Heating capacity at maximum operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D150085A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FVXM25A / RXM25A9
FVXM25A9 / RXM25A9
FVXM25B / RXM25A9

Cooling -220-240V 50Hz-

AFR	8,7
BF	0,09

Indoor air temperature [°C WB]	Indoor air temperature [°C DB]	Outdoor air temperature [°C DB]																	
		20			25			30			32			**35**			40		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2,46	1,87	0,40	2,35	1,84	0,44	2,24	1,81	0,47	2,19	1,80	0,49	2,12	1,79	0,51	2,01	1,78	0,55
16	22	2,57	1,78	0,40	2,46	1,74	0,44	2,35	1,71	0,48	2,30	1,70	0,49	2,23	1,68	0,51	2,12	1,66	0,55
18	25	2,68	1,88	0,40	2,57	1,85	0,44	2,46	1,83	0,48	2,41	1,82	0,49	2,34	1,82	0,52	2,23	1,82	0,56
19	**27**	2,74	2,04	0,40	2,62	2,03	0,44	2,51	2,03	0,48	2,47	2,04	0,50	2,40	2,05	0,52	2,29	2,08	0,56
22	30	2,90	1,84	0,41	2,79	1,82	0,44	2,68	1,81	0,48	2,63	1,80	0,50	2,57	1,80	0,52	2,45	1,81	0,56
24	32	3,01	1,72	0,41	2,90	1,70	0,45	2,79	1,68	0,49	2,74	1,67	0,50	2,68	1,67	0,52	2,56	1,66	0,56

AFR	9,2

Heating -220-240V 50Hz-

Indoor air temperature [°C DB]	Outdoor air temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,61	0,54	1,98	0,57	2,35	0,60	2,26	0,63	2,56	0,66	3,61	0,69	3,83	0,71
20	1,40	0,59	1,77	0,62	2,14	0,65	2,51	0,68	2,39	0,71	3,40	0,75	3,62	0,76
22	1,31	0,61	1,68	0,64	2,05	0,67	2,43	0,70	1,81	0,73	3,32	0,76	3,54	0,78
24	1,23	0,63	1,60	0,66	1,97	0,69	2,34	0,72	1,73	0,75	3,23	0,77	3,45	0,81
25	1,19	0,65	1,56	0,67	1,93	0,70	2,30	0,73	1,70	0,76	3,19	0,77	3,41	0,82
27	1,08	0,66	1,47	0,69	1,84	0,72	2,22	0,75	1,62	0,78	3,11	0,78	3,33	0,84

Heating capacity at nominal operating frequency, measured according to -EN 14511-.

Indoor air temperature [°C DB]	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,32	0,81	2,75	0,88	3,24	0,94	3,42	1,00	4,70	1,20	4,80	1,14

Heating capacity at maximum operating frequency, measured according to EN 14511

Symbols
- AFR: Air flow rate [m^3/min]
- BF: Bypass factor
- °C WB: Wet-bulb temperature [°C WB]
- °C DB: Dry-bulb temperature [°C DB]
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1) The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2) The bold cells indicate the standard conditions.
3) The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4) In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5) The capacities are based on the following conditions:
   Corresponding refrigerant piping length: -5- m
   Level difference: -0-m
6) The air flow rate and bypass factor are mentioned in the table.

4D133699D

FBA35A9 / RXM35A9

Cooling 50Hz 220 -240V

AFR	15,0
BF	0,23

Indoor air temperature		Outdoor temperature [°C DB]																	
		20,0			25,0			30,0			32,0			**35,0**			40,0		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20,0	3,48	2,88	0,65	3,33	2,81	0,71	3,17	2,73	0,77	3,10	2,70	0,80	3,01	2,66	0,84	2,85	2,59	0,90
16,0	22,0	3,64	2,83	0,65	3,48	2,76	0,72	3,32	2,69	0,78	3,26	2,67	0,80	3,17	2,63	0,84	3,01	2,56	0,90
18,0	25,0	3,80	3,01	0,66	3,64	2,95	0,72	3,48	2,88	0,78	3,42	2,86	0,81	3,32	2,82	0,84	3,16	2,76	0,91
19,0	**27,0**	3,87	3,21	0,66	3,72	3,15	0,72	3,56	3,09	0,78	3,49	3,06	0,81	3,40	3,03	0,85	3,24	2,97	0,91
22,0	30,0	4,11	3,11	0,66	3,95	3,06	0,73	3,79	3,00	0,79	3,73	2,98	0,81	3,63	2,95	0,85	3,48	2,90	0,91
24,0	32,0	4,27	3,04	0,67	4,11	3,00	0,73	3,95	2,95	0,79	3,89	2,93	0,82	3,79	2,90	0,86	3,63	2,85	0,92

Cooling capacity at nominal operating frequency, measured according to EN14511.

Heating 50Hz 220 -240V

AFR	15,0

Indoor air temperature	Outdoor temperature [°C WB]											
	-15,0		-10,0		-5,0		0,0		**6,0**		10,0	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,04	0,81	2,54	0,85	2,80	0,89	3,05	0,93	4,14	0,97	4,54	1,00
20,0	1,90	0,83	2,40	0,87	2,67	0,91	2,93	0,95	4,00	1,00	4,40	1,03
22,0	1,84	0,84	2,34	0,88	2,62	0,92	2,88	0,96	3,94	1,00	4,35	1,04
24,0	1,79	0,85	2,29	0,89	2,57	0,93	2,84	0,97	3,89	1,01	4,29	1,04
25,0	1,76	0,85	2,26	0,89	2,55	0,93	2,81	0,97	3,86	1,02	4,26	1,05
27,0	1,70	0,86	2,21	0,90	2,71	0,94	2,76	0,98	3,81	1,03	4,21	1,06

Heating capacity at nominal operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m^3/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D152286

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCAG35B / RXM35A9

Cooling 50Hz 220 -240V

AFR	12,9
BF	0,17

Indoor air temperature		Outdoor temperature [°C DB]																	
		20,0			25,0			30,0			32,0			**35,0**			40,0		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20,0	3,59	2,85	0,72	3,42	2,77	0,79	3,26	2,69	0,86	3,19	2,66	0,89	3,10	2,62	0,93	2,93	2,54	1,00
16,0	22,0	3,75	2,80	0,73	3,58	2,73	0,80	3,42	2,65	0,87	3,36	2,62	0,89	3,26	2,58	0,93	3,10	2,51	1,00
18,0	25,0	3,91	2,96	0,73	3,75	2,89	0,80	3,58	2,82	0,87	3,52	2,80	0,90	3,42	2,76	0,94	3,26	2,69	1,01
19,0	**27,0**	3,99	3,15	0,73	3,83	3,08	0,80	3,66	3,02	0,87	3,60	2,99	0,90	3,50	2,95	0,94	3,34	2,89	1,01
22,0	30,0	4,23	3,04	0,74	4,07	2,99	0,81	3,90	2,93	0,88	3,84	2,91	0,91	3,74	2,87	0,95	3,58	2,82	1,02
24,0	32,0	4,39	2,97	0,74	4,23	2,92	0,81	4,07	2,87	0,88	4,00	2,85	0,91	3,90	2,82	0,95	3,74	2,77	1,02

Cooling capacity at nominal operating frequency, measured according to EN14511.

Heating 50Hz 220 -240V

AFR	14,1

Indoor air temperature	Outdoor temperature [°C WB]											
	-15,0		-10,0		-5,0		0,0		**6,0**		10,0	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,30	0,85	2,79	0,90	3,02	0,96	3,24	1,02	4,34	1,09	4,73	1,13
20,0	2,16	0,87	2,64	0,93	2,89	0,99	3,12	1,05	4,20	1,11	4,59	1,16
22,0	2,10	0,89	2,59	0,94	2,83	1,00	3,07	1,06	4,14	1,12	4,53	1,17
24,0	2,04	0,90	2,53	0,95	2,78	1,01	3,02	1,07	4,08	1,14	4,47	1,18
25,0	2,01	0,90	2,50	0,96	2,75	1,02	2,99	1,07	4,06	1,14	4,44	1,19
27,0	1,96	0,91	2,44	0,97	2,70	1,03	2,94	1,08	4,00	1,15	4,39	1,20

Heating capacity at nominal operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D152286

FDXM35F9 / RXM35A9

Cooling 50Hz 220 -240V

AFR	8,7
BF	0,35

Indoor air temperature		Outdoor temperature [°C DB]																	
		20,0			25,0			30,0			32,0			**35,0**			40,0		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20,0	2,95	2,04	0,50	2,95	2,04	0,61	2,95	2,04	0,77	2,95	2,04	0,86	2,95	2,04	1,02	2,85	1,99	1,05
16,0	22,0	3,57	2,27	0,82	3,48	2,22	0,96	3,32	2,13	1,05	3,26	2,10	1,08	3,17	2,05	1,13	3,01	1,97	1,05
18,0	25,0	3,80	2,37	0,89	3,64	2,29	0,97	3,48	2,21	1,05	3,42	2,18	1,09	3,32	2,13	1,14	3,16	2,05	1,05
19,0	**27,0**	3,87	2,45	0,89	3,72	2,37	0,97	3,56	2,30	1,06	3,49	2,27	1,09	3,40	2,22	1,14	3,24	2,15	1,05
22,0	30,0	4,11	2,35	0,90	3,95	2,28	0,98	3,79	2,21	1,06	3,73	2,19	1,10	3,63	2,14	1,15	3,48	2,08	1,05
24,0	32,0	4,27	2,28	0,90	4,11	2,21	0,98	3,95	2,15	1,07	3,89	2,12	1,10	3,79	2,09	1,15	3,63	2,03	1,05

Cooling capacity at nominal operating frequency, measured according to EN14511.

Heating 50Hz 220 -240V

AFR	8,7

Indoor air temperature	Outdoor temperature [°C WB]											
	-15,0		-10,0		-5,0		0,0		**6,0**		10,0	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,07	0,76	2,56	0,84	3,06	0,93	3,06	1,02	4,14	1,12	4,53	1,19
20,0	1,93	0,78	2,43	0,87	2,92	0,96	2,94	1,04	4,00	1,15	4,39	1,22
22,0	1,88	0,79	2,37	0,88	2,86	0,97	2,89	1,05	3,94	1,16	4,34	1,23
24,0	1,82	0,80	2,32	0,89	2,81	0,98	2,84	1,07	3,89	1,17	4,28	1,24
25,0	1,80	0,81	2,29	0,90	2,78	0,98	2,82	1,07	3,86	1,18	4,21	1,20
27,0	1,74	0,82	2,23	0,91	2,72	0,99	2,77	1,08	3,81	1,19	3,87	0,97

Heating capacity at nominal operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D152286

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FFA35A9 / RXM35A9

Cooling 50Hz 220 -240V

AFR	10,0
BF	0,16

Indoor air temperature		Outdoor temperature [°C DB]																	
		20,0			25,0			30,0			32,0			**35,0**			40,0		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20,0	3,48	2,56	0,68	3,33	2,48	0,75	3,17	2,40	0,82	3,10	2,37	0,84	3,01	2,32	0,88	2,85	2,25	0,95
16,0	22,0	3,64	2,52	0,69	3,48	2,44	0,75	3,32	2,37	0,82	3,26	2,34	0,85	3,17	2,29	0,89	3,01	2,22	0,95
18,0	25,0	3,80	2,63	0,69	3,64	2,56	0,76	3,48	2,49	0,82	3,42	2,47	0,85	3,32	2,43	0,89	3,16	2,36	0,96
19,0	**27,0**	3,87	2,77	0,69	3,72	2,71	0,76	3,56	2,64	0,83	3,49	2,61	0,85	3,40	2,57	0,89	3,24	2,51	0,96
22,0	30,0	4,11	2,67	0,70	3,95	2,61	0,77	3,79	2,55	0,83	3,73	2,53	0,86	3,63	2,50	0,90	3,48	2,44	0,96
24,0	32,0	4,27	2,60	0,70	4,11	2,55	0,77	3,95	2,49	0,84	3,89	2,47	0,86	3,79	2,44	0,90	3,63	2,39	0,97

Cooling capacity at nominal operating frequency, measured according to EN14511.

Heating 50Hz 220 -240V

AFR	10,0

Indoor air temperature	Outdoor temperature [°C WB]											
	-15,0		-10,0		-5,0		0,0		**6,0**		10,0	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,34	0,85	2,81	0,93	3,04	1,01	3,25	1,08	4,34	1,17	4,73	1,23
20,0	2,19	0,88	2,67	0,96	2,90	1,03	3,13	1,11	4,20	1,20	4,58	1,26
22,0	2,13	0,89	2,61	0,97	2,85	1,04	3,08	1,12	4,14	1,21	4,52	1,27
24,0	2,07	0,90	2,55	0,98	2,79	1,05	3,03	1,13	4,08	1,22	4,47	1,28
25,0	2,05	0,91	2,52	0,98	2,77	1,06	3,00	1,14	4,06	1,23	4,44	1,29
27,0	1,99	0,92	2,47	0,99	2,71	1,07	2,95	1,15	4,00	1,24	4,10	1,06

Heating capacity at nominal operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D152286

FHA35A9 / RXM35A9

Cooling 50Hz 220 -240V

AFR	14,0
BF	0,32

Indoor air temperature		Outdoor temperature [°C DB]																	
		20,0			25,0			30,0			32,0			**35,0**			40,0		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20,0	3,48	2,67	0,70	3,33	2,60	0,77	3,17	2,52	0,83	3,10	2,49	0,86	3,01	2,44	0,90	2,85	2,37	0,97
16,0	22,0	3,64	2,63	0,70	3,48	2,55	0,77	3,32	2,48	0,84	3,26	2,45	0,87	3,17	2,41	0,91	3,01	2,34	0,97
18,0	25,0	3,80	2,77	0,71	3,64	2,70	0,77	3,48	2,63	0,84	3,42	2,60	0,87	3,32	2,57	0,91	3,16	2,50	0,98
19,0	**27,0**	3,87	2,93	0,71	3,72	2,86	0,78	3,56	2,80	0,84	3,49	2,77	0,87	3,40	2,74	0,91	3,24	2,67	0,98
22,0	30,0	4,11	2,83	0,72	3,95	2,77	0,78	3,79	2,72	0,85	3,73	2,69	0,88	3,63	2,66	0,92	3,48	2,60	0,98
24,0	32,0	4,27	2,76	0,72	4,11	2,71	0,79	3,95	2,65	0,85	3,89	2,63	0,88	3,79	2,60	0,92	3,63	2,55	0,99

Cooling capacity at nominal operating frequency, measured according to EN14511.

Heating 50Hz 220 -240V

AFR	14,0

Indoor air temperature	Outdoor temperature [°C WB]											
	-15,0		-10,0		-5,0		0,0		**6,0**		10,0	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,11	0,77	2,59	0,81	2,83	0,86	3,07	0,90	4,14	0,96	4,52	1,00
20,0	1,97	0,79	2,45	0,83	2,71	0,88	2,95	0,93	4,00	0,98	4,39	1,02
22,0	1,91	0,80	2,40	0,84	2,66	0,89	2,90	0,93	3,94	0,99	4,33	1,03
24,0	1,86	0,80	2,34	0,85	2,61	0,90	2,85	0,94	3,89	1,00	4,28	1,03
25,0	1,83	0,81	2,31	0,86	2,58	0,90	2,83	0,95	3,86	1,00	4,25	1,04
27,0	1,78	0,82	2,26	0,86	2,53	0,91	2,78	0,96	3,81	1,01	4,19	1,05

Heating capacity at nominal operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D152286

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FNA35A9 / RXM35A9

AFR	8,7
BF	0,35

Cooling 50Hz 220 -240V

Indoor air temperature		Outdoor temperature [°C DB]																	
		20,0			25,0			30,0			32,0			**35,0**			40,0		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20,0	2,95	2,04	0,49	2,95	2,04	0,60	2,95	2,04	0,75	2,95	2,04	0,83	2,95	2,04	0,99	2,85	1,99	1,05
16,0	22,0	3,57	2,27	0,79	3,48	2,22	0,93	3,32	2,13	1,01	3,26	2,10	1,04	3,17	2,05	1,09	3,01	1,97	1,05
18,0	25,0	3,80	2,37	0,85	3,64	2,29	0,94	3,48	2,21	1,02	3,42	2,18	1,05	3,32	2,13	1,10	3,16	2,05	1,05
19,0	**27,0**	3,87	2,45	0,86	3,72	2,37	0,94	3,56	2,30	1,02	3,49	2,27	1,05	3,40	2,22	1,10	3,24	2,15	1,05
22,0	30,0	4,11	2,35	0,86	3,95	2,28	0,94	3,79	2,21	1,03	3,73	2,19	1,06	3,63	2,14	1,11	3,48	2,08	1,05
24,0	32,0	4,27	2,28	0,87	4,11	2,21	0,95	3,95	2,15	1,03	3,89	2,12	1,06	3,79	2,09	1,11	3,63	2,03	1,05

Cooling capacity at nominal operating frequency, measured according to EN14511.

AFR	8,7

Heating 50Hz 220 -240V

Indoor air temperature	Outdoor temperature [°C WB]											
	-15,0		-10,0		-5,0		0,0		**6,0**		10,0	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,07	0,76	2,56	0,84	3,06	0,93	3,06	1,02	4,14	1,12	4,53	1,19
20,0	1,93	0,78	2,43	0,87	2,92	0,96	2,94	1,04	4,00	1,15	4,39	1,22
22,0	1,88	0,79	2,37	0,88	2,86	0,97	2,89	1,05	3,94	1,16	4,34	1,23
24,0	1,82	0,80	2,32	0,89	2,81	0,98	2,84	1,07	3,89	1,17	4,28	1,24
25,0	1,80	0,81	2,29	0,90	2,78	0,98	2,82	1,07	3,86	1,18	4,21	1,20
27,0	1,74	0,82	2,23	0,91	2,72	0,99	2,77	1,08	3,81	1,19	3,87	0,97

Heating capacity at nominal operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D152286

FTXM35A / RXM35A9

AFR	13,2
BF	0,23

Cooling 50Hz 220 -240V

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3,59	2,79	0,58	3,42	2,71	0,64	3,26	2,63	0,69	3,19	2,60	0,71	3,10	2,55	0,75	2,93	2,48	0,80
16	22	3,75	2,74	0,58	3,58	2,67	0,64	3,42	2,59	0,70	3,36	2,57	0,72	3,26	2,52	0,75	3,10	2,45	0,81
18	25	3,91	2,89	0,59	3,75	2,82	0,64	3,58	2,75	0,70	3,52	2,73	0,72	3,42	2,69	0,75	3,26	2,62	0,81
19	**27**	3,99	3,07	0,59	3,83	3,00	0,64	3,66	2,93	0,70	3,60	2,91	0,72	3,50	2,87	0,76	3,34	2,81	0,81
22	30	4,23	2,96	0,59	4,07	2,91	0,65	3,90	2,85	0,71	3,84	2,82	0,73	3,74	2,79	0,76	3,58	2,73	0,82
24	32	4,39	2,89	0,60	4,23	2,84	0,65	4,07	2,79	0,71	4,00	2,76	0,73	3,90	2,73	0,76	3,74	2,68	0,82

AFR	11,1

Heating 50Hz 220 -240V

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,18	0,69	2,63	0,72	3,08	0,74	3,08	0,77	4,08	0,80	4,44	0,83
20	2,10	0,77	2,55	0,79	3,00	0,82	3,01	0,85	4,00	0,88	4,36	0,90
22	2,07	0,80	2,52	0,82	2,97	0,85	2,99	0,88	3,97	0,91	4,33	0,93
24	2,04	0,83	2,49	0,85	2,94	0,88	2,96	0,91	3,94	0,94	4,30	0,96
25	2,02	0,84	2,47	0,87	2,92	0,89	2,94	0,92	3,92	0,95	4,28	0,98
27	1,99	0,87	2,44	0,90	2,89	0,92	2,92	0,95	3,89	0,98	4,25	1,01

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,12	0,85	2,77	0,98	3,42	1,11	3,55	1,24	4,12	1,37	5,50	1,52	6,02	1,62

Heating capacity at maximum operating frequency, measured according to EN14511.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D150086A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FVXM35A / RXM35A9
FVXM35A9 / RXM35A9

Cooling 50Hz 220-240V

AFR	9,2
BF	0,110

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3,35	2,39	0,63	3,33	2,38	0,70	3,17	2,32	0,76	3,10	2,29	0,79	3,01	2,26	0,82	2,85	2,20	0,89
16	22	3,64	2,36	0,64	3,48	2,29	0,70	3,32	2,22	0,77	3,26	2,20	0,79	3,17	2,16	0,83	3,01	2,10	0,89
18	25	3,80	2,44	0,65	3,64	2,38	0,71	3,48	2,32	0,77	3,42	2,30	0,79	3,32	2,27	0,83	3,16	2,23	0,89
19	27	3,87	2,58	0,65	3,72	2,53	0,71	3,56	2,49	0,77	3,49	2,47	0,80	3,40	2,45	0,83	3,24	2,43	0,89
22	30	4,11	2,38	0,65	3,95	2,32	0,72	3,79	2,27	0,78	3,73	2,26	0,80	3,63	2,23	0,84	3,48	2,19	0,90
24	32	4,27	2,25	0,66	4,11	2,20	0,72	3,95	2,15	0,78	3,89	2,13	0,81	3,79	2,10	0,84	3,63	2,06	0,90

Heating 50Hz 220-240V

AFR	9,8

Indoor temperature	Outdoor temperature [°C WB]													
EDB	-20		-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,71	0,97	3,08	1,00	3,45	1,03	3,17	1,06	3,47	1,09	4,71	1,13	4,93	1,15
20	2,14	1,02	2,87	1,05	3,24	1,08	3,00	1,11	3,30	1,14	4,50	1,18	4,72	1,20
22	1,78	1,05	2,78	1,08	3,15	1,10	2,93	1,13	1,81	1,16	4,42	1,20	4,64	1,22
24	1,42	1,07	2,70	1,10	3,07	1,12	3,44	1,15	1,73	1,18	4,33	1,21	4,55	1,24
25	1,24	1,08	2,66	1,11	3,03	1,14	3,40	1,16	1,70	1,19	4,29	1,22	4,51	1,25
27	0,89	1,10	2,49	1,13	2,94	1,16	3,32	1,18	1,62	1,21	4,21	1,23	4,43	1,27

Heating capacity at nominal operating frequency, measured according to EN 14511.

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	3,42	1,34	3,99	1,46	3,78	1,58	4,24	1,70	5,80	1,84	5,82	1,69

Heating capacity at maximum operating frequency, measured according to EN 14511

Symbols
AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]

Notes
1) The bold cells indicate the standard conditions.
2) The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
3) The air flow rate and bypass factor are mentioned in the table.
4) The ratings shown are net capacities which include a deduction for indoor fan motor heat.
5) The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).

4D133701E

FVXM35B / RXM35A9

Cooling 50Hz 220-240V

AFR	9,2
BF	0,11

Indoor		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3,35	2,39	0,60	3,33	2,38	0,67	3,17	2,32	0,73	3,10	2,29	0,76	3,01	2,26	0,79	2,85	2,20	0,86
16	22	3,64	2,36	0,61	3,48	2,29	0,67	3,32	2,22	0,74	3,26	2,20	0,76	3,17	2,16	0,80	3,01	2,10	0,86
18	25	3,80	2,44	0,62	3,64	2,38	0,68	3,48	2,32	0,74	3,42	2,30	0,76	3,32	2,27	0,80	3,16	2,23	0,86
19	27	3,87	2,58	0,62	3,72	2,53	0,68	3,56	2,49	0,74	3,49	2,47	0,77	3,40	2,45	0,80	3,24	2,43	0,86
22	30	4,11	2,38	0,62	3,95	2,32	0,69	3,79	2,27	0,75	3,73	2,26	0,77	3,63	2,23	0,81	3,48	2,19	0,87
24	32	4,27	2,25	0,63	4,11	2,20	0,69	3,95	2,15	0,75	3,89	2,13	0,78	3,79	2,10	0,81	3,63	2,06	0,87

Heating 50Hz 220-240V

AFR	9,8

Indoor	Outdoor temperature [°C WB]													
EDB	-20		-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,71	0,94	3,08	0,97	3,45	1,00	3,17	1,03	3,47	1,06	4,71	1,10	4,93	1,12
20	2,14	0,99	2,87	1,02	3,24	1,05	3,00	1,08	3,30	1,11	4,50	1,15	4,72	1,17
22	1,78	1,02	2,78	1,05	3,15	1,07	2,93	1,10	1,81	1,13	4,42	1,17	4,64	1,19
24	1,42	1,04	2,70	1,07	3,07	1,09	3,44	1,12	1,73	1,15	4,33	1,18	4,55	1,21
25	1,24	1,05	2,66	1,08	3,03	1,11	3,40	1,13	1,70	1,16	4,29	1,19	4,51	1,22
27	0,89	1,07	2,49	1,10	2,94	1,13	3,32	1,15	1,62	1,18	4,21	1,20	4,43	1,24

Heating capacity at nominal operating frequency, measured according to EN 14511.

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	3,42	1,34	3,99	1,46	3,78	1,58	4,24	1,70	5,80	1,84	5,82	1,69

Heating capacity at maximum operating frequency, measured according to EN 14511

Symbols
AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]

Notes
1) The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2) The bold cells indicate the standard conditions.
3) The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4) In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5) The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
6) The air flow rate and bypass factor are mentioned in the table.

4D152387

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCAG50B / RXM50A9

Cooling 50Hz, 220-240V

AFR	12,6
BF	0,22

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,03	2,98	0,91	4,03	2,98	1,04	4,03	2,98	1,17	4,03	2,98	1,23	4,03	2,98	1,31	4,03	2,98	1,46
16	22	5,13	3,37	1,05	5,12	3,37	1,18	4,89	3,25	1,28	4,79	3,21	1,33	4,65	3,14	1,39	4,42	3,03	1,49
18	25	5,58	3,61	1,08	5,35	3,50	1,19	5,12	3,39	1,29	5,02	3,35	1,33	4,88	3,28	1,39	4,65	3,18	1,50
19	27	5,70	3,77	1,09	5,47	3,66	1,19	5,23	3,55	1,29	5,14	3,51	1,34	5,00	3,45	1,40	4,77	3,35	1,50
22	30	6,04	3,62	1,10	5,81	3,52	1,20	5,58	3,43	1,30	5,49	3,39	1,34	5,35	3,34	1,41	5,11	3,25	1,51
24	32	6,27	3,51	1,10	6,04	3,42	1,21	5,81	3,34	1,31	5,72	3,30	1,35	5,58	3,25	1,41	5,34	3,17	1,52

Heating 50Hz, 220-240V

AFR	12,6

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,79	1,30	3,35	1,37	3,91	1,44	4,48	1,50	6,21	1,59	6,75	1,64
20	2,62	1,34	3,18	1,41	3,74	1,47	4,31	1,54	6,00	1,62	6,54	1,68
22	2,55	1,36	3,11	1,42	3,67	1,49	4,24	1,56	5,92	1,64	6,31	1,69
24	2,48	1,37	3,04	1,44	3,61	1,50	4,17	1,57	5,83	1,65	5,86	1,70
25	2,45	1,38	3,01	1,44	3,57	1,51	4,13	1,58	5,63	1,66	5,63	1,71
27	2,38	1,39	2,94	1,46	3,50	1,53	4,06	1,59	5,18	1,67	5,18	1,73

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151951A

FDXM50F9 / RXM50A9

Cooling 50Hz, 220-240V

AFR	15,8
BF	0,11

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,38	3,24	1,15	4,38	3,24	1,30	4,38	3,24	1,46	4,38	3,24	1,53	4,38	3,24	1,61	4,17	3,13	1,75
16	22	5,35	3,56	1,27	5,12	3,44	1,40	4,89	3,33	1,52	4,79	3,28	1,57	4,65	3,22	1,62	4,37	3,08	1,75
18	25	5,58	3,70	1,28	5,35	3,59	1,40	5,12	3,48	1,52	5,02	3,44	1,57	4,88	3,38	1,63	4,58	3,24	1,75
19	27	5,70	3,87	1,28	5,47	3,76	1,41	5,23	3,66	1,53	5,14	3,62	1,58	5,00	3,56	1,63	4,68	3,42	1,75
22	30	6,04	3,72	1,30	5,81	3,63	1,42	5,58	3,54	1,54	5,49	3,50	1,59	5,35	3,45	1,65	4,97	3,31	1,75
24	32	6,27	3,61	1,30	6,04	3,53	1,42	5,81	3,45	1,55	5,72	3,41	1,60	5,58	3,36	1,66	5,17	3,22	1,75

Heating 50Hz, 220-240V

AFR	15,8

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,70	1,51	3,24	1,58	3,78	1,66	4,33	1,74	6,00	1,83	6,52	1,89
20	2,53	1,55	3,07	1,62	3,62	1,70	4,16	1,78	5,80	1,87	6,32	1,93
22	2,46	1,56	3,01	1,64	3,55	1,72	4,10	1,80	5,72	1,89	6,24	1,95
24	2,40	1,58	2,94	1,66	3,49	1,74	4,03	1,81	5,64	1,90	5,96	1,97
25	2,36	1,59	2,91	1,67	3,45	1,74	4,00	1,82	5,60	1,91	5,73	1,97
27	2,30	1,61	2,84	1,68	3,39	1,76	3,93	1,84	5,27	1,93	5,27	1,99

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151951A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FFA50A9 / RXM50A9

Cooling 50Hz, 220-240V

AFR	12,7
BF	0,16

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,14	3,06	1,03	4,14	3,06	1,17	4,14	3,06	1,32	4,14	3,06	1,38	4,14	3,06	1,47	4,14	3,06	1,63
16	22	5,26	3,46	1,18	5,12	3,39	1,30	4,89	3,27	1,42	4,79	3,23	1,46	4,65	3,16	1,53	4,42	3,05	1,65
18	25	5,58	3,64	1,20	5,35	3,53	1,31	5,12	3,42	1,43	5,02	3,37	1,47	4,88	3,31	1,54	4,65	3,21	1,65
19	27	5,70	3,80	1,20	5,47	3,69	1,31	5,23	3,59	1,43	5,14	3,54	1,47	5,00	3,48	1,54	4,77	3,38	1,66
22	30	6,04	3,65	1,21	5,81	3,55	1,33	5,58	3,46	1,44	5,49	3,42	1,48	5,35	3,37	1,55	5,11	3,28	1,67
24	32	6,27	3,54	1,22	6,04	3,45	1,33	5,81	3,37	1,45	5,72	3,34	1,49	5,58	3,29	1,56	5,34	3,20	1,67

Heating 50Hz, 220-240V

AFR	12,7

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,70	1,34	3,24	1,41	3,78	1,47	4,33	1,54	6,00	1,62	6,52	1,68
20	2,53	1,37	3,07	1,44	3,62	1,51	4,16	1,58	5,80	1,66	6,32	1,72
22	2,46	1,39	3,01	1,46	3,55	1,53	4,10	1,59	5,72	1,68	6,21	1,73
24	2,40	1,40	2,94	1,47	3,49	1,54	4,03	1,61	5,64	1,69	5,77	1,75
25	2,36	1,41	2,91	1,48	3,45	1,55	4,00	1,62	5,55	1,70	5,55	1,75
27	2,30	1,43	2,84	1,50	3,39	1,56	3,93	1,63	5,10	1,71	5,10	1,77

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151951A

FBA50A9 / RXM50A9

Cooling 50Hz, 220-240V

AFR	15,0
BF	0,13

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,12	3,84	1,08	4,89	3,72	1,18	4,66	3,61	1,29	4,56	3,56	1,33	4,42	3,49	1,39	4,19	3,38	1,50
16	22	5,35	3,77	1,09	5,12	3,66	1,19	4,89	3,55	1,29	4,79	3,51	1,34	4,65	3,45	1,40	4,42	3,34	1,50
18	25	5,58	3,95	1,09	5,35	3,85	1,20	5,12	3,75	1,30	5,02	3,71	1,34	4,88	3,66	1,40	4,65	3,56	1,51
19	27	5,70	4,18	1,10	5,47	4,08	1,20	5,23	3,98	1,30	5,14	3,94	1,35	5,00	3,89	1,41	4,77	3,79	1,51
22	30	6,04	4,03	1,11	5,81	3,94	1,21	5,58	3,86	1,31	5,49	3,82	1,35	5,35	3,77	1,42	5,11	3,69	1,52
24	32	6,27	3,92	1,11	6,04	3,85	1,22	5,81	3,77	1,32	5,72	3,74	1,36	5,58	3,69	1,42	5,34	3,62	1,53

Heating 50Hz, 220-240V

AFR	15,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,56	1,16	3,07	1,21	3,59	1,27	4,10	1,33	5,69	1,40	6,19	1,45
20	2,40	1,19	2,92	1,25	3,43	1,31	3,95	1,37	5,50	1,44	6,00	1,48
22	2,34	1,20	2,85	1,26	3,37	1,32	3,88	1,38	5,42	1,45	5,92	1,50
24	2,27	1,21	2,79	1,27	3,30	1,33	3,82	1,39	5,35	1,46	5,84	1,51
25	2,24	1,22	2,76	1,28	3,27	1,34	3,79	1,40	5,31	1,47	5,81	1,52
27	2,18	1,23	2,69	1,29	3,21	1,35	3,73	1,41	5,23	1,48	5,73	1,53

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151951A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FNA50A9 / RXM50A9

Cooling 50Hz, 220-240V

AFR	16,0
BF	0,12

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,12	3,94	1,13	4,89	3,83	1,24	4,66	3,71	1,35	4,56	3,67	1,40	4,42	3,60	1,46	4,19	3,49	1,57
16	22	5,35	3,87	1,14	5,12	3,77	1,25	4,89	3,66	1,36	4,79	3,62	1,40	4,65	3,56	1,47	4,42	3,45	1,58
18	25	5,58	4,08	1,15	5,35	3,98	1,26	5,12	3,88	1,37	5,02	3,84	1,41	4,88	3,78	1,48	4,65	3,69	1,59
19	27	5,70	4,32	1,15	5,47	4,22	1,26	5,23	4,13	1,37	5,14	4,09	1,41	5,00	4,04	1,48	4,77	3,94	1,59
22	30	6,04	4,17	1,16	5,81	4,09	1,27	5,58	4,00	1,38	5,49	3,97	1,42	5,35	3,92	1,49	5,11	3,84	1,60
24	32	6,27	4,07	1,17	6,04	3,99	1,28	5,81	3,92	1,39	5,72	3,89	1,43	5,58	3,84	1,50	5,34	3,77	1,60

Heating 50Hz, 220-240V

AFR	16,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,70	1,40	3,24	1,47	3,78	1,54	4,33	1,61	6,00	1,70	6,52	1,75
20	2,53	1,44	3,07	1,51	3,62	1,58	4,16	1,65	5,80	1,74	6,32	1,79
22	2,46	1,45	3,01	1,52	3,55	1,59	4,10	1,67	5,72	1,75	6,24	1,81
24	2,40	1,47	2,94	1,54	3,49	1,61	4,03	1,68	5,64	1,77	6,16	1,83
25	2,36	1,48	2,91	1,55	3,45	1,62	4,00	1,69	5,60	1,78	6,12	1,83
27	2,30	1,49	2,84	1,56	3,39	1,63	3,93	1,71	5,52	1,79	6,04	1,85

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151951A

FTXM50A / RXM50A9

Cooling 50Hz, 220-240V

AFR	12,7
BF	0,23

Indoor temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			35			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,00	2,95	0,70	4,00	2,95	0,82	4,00	2,95	0,95	4,00	2,95	1,01	4,00	2,95	1,11	4,00	2,95	1,32
16	22	5,08	3,35	0,96	5,08	3,35	1,13	4,89	3,25	1,25	4,79	3,20	1,29	4,65	3,13	1,35	4,42	3,02	1,45
18	25	5,58	3,60	1,05	5,35	3,49	1,15	5,12	3,38	1,26	5,02	3,34	1,30	4,88	3,27	1,36	4,65	3,17	1,46
19	27	5,70	3,76	1,06	5,47	3,65	1,16	5,23	3,54	1,26	5,14	3,50	1,30	5,00	3,44	1,36	4,77	3,34	1,46
22	30	6,04	3,61	1,07	5,81	3,51	1,17	5,58	3,42	1,27	5,49	3,38	1,31	5,35	3,33	1,37	5,11	3,24	1,47
24	32	6,27	3,50	1,07	6,04	3,41	1,17	5,81	3,33	1,27	5,72	3,29	1,31	5,58	3,24	1,37	5,34	3,16	1,47

Heating 50Hz, 220-240V

AFR	14,5

Indoor temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		6		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,95	0,98	3,68	1,07	3,83	1,15	4,45	1,24	5,99	1,35	6,57	1,41
20	2,76	1,03	3,48	1,12	3,66	1,21	4,29	1,29	5,80	1,40	6,38	1,47
22	2,68	1,05	3,41	1,14	3,59	1,23	4,22	1,31	5,72	1,42	6,30	1,49
24	2,61	1,08	3,33	1,16	4,05	1,25	4,15	1,34	5,65	1,44	6,22	1,51
25	2,57	1,09	3,29	1,17	4,01	1,26	4,12	1,35	5,61	1,45	6,19	1,52
27	2,49	1,11	3,21	1,19	3,94	1,28	4,05	1,37	5,53	1,47	6,11	1,54

Heating capacity at nominal operating frequency, measured according to EN14511.

Indoor temperature	Outdoor temperature [°C WB]											
	-20		-15		-10		-5		0		6	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	3,20	1,41	3,84	1,47	4,47	1,53	4,44	1,58	4,99	1,64	6,50	1,71

Indoor temperature	Outdoor temperature [°C WB]	
	10	
[°C DB]	TC	PI
20	7,01	1,76

Heating peak capacity at maximum operating frequency

Symbols
- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- °C WB: Wet-bulb temperature [°C WB]
- °C DB: Dry-bulb temperature [°C DB]
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151951A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FHA50A9 / RXM50A9

Cooling 50Hz, 220-240V

AFR	15,0
BF	0,18

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	5,05	3,73	1,18	4,89	3,65	1,31	4,66	3,53	1,43	4,56	3,49	1,47	4,42	3,42	1,54	4,19	3,30	1,66
16	22	5,35	3,70	1,20	5,12	3,59	1,32	4,89	3,48	1,43	4,79	3,44	1,48	4,65	3,37	1,55	4,42	3,27	1,66
18	25	5,58	3,87	1,21	5,35	3,77	1,32	5,12	3,66	1,44	5,02	3,62	1,49	4,88	3,56	1,55	4,65	3,47	1,67
19	27	5,70	4,08	1,21	5,47	3,98	1,33	5,23	3,88	1,44	5,14	3,84	1,49	5,00	3,78	1,56	4,77	3,69	1,67
22	30	6,04	3,93	1,22	5,81	3,84	1,34	5,58	3,75	1,45	5,49	3,72	1,50	5,35	3,67	1,57	5,11	3,58	1,68
24	32	6,27	3,82	1,23	6,04	3,74	1,34	5,81	3,66	1,46	5,72	3,63	1,51	5,58	3,59	1,58	5,34	3,51	1,69

Heating 50Hz, 220-240V

AFR	15,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,79	1,44	3,35	1,51	3,91	1,59	4,48	1,66	6,21	1,75	6,75	1,81
20	2,62	1,48	3,18	1,56	3,74	1,63	4,31	1,70	6,00	1,79	6,54	1,85
22	2,55	1,50	3,11	1,57	3,67	1,64	4,24	1,72	5,92	1,81	6,46	1,87
24	2,48	1,51	3,04	1,59	3,61	1,66	4,17	1,73	5,83	1,82	6,38	1,88
25	2,45	1,52	3,01	1,60	3,57	1,67	4,13	1,74	5,79	1,83	6,33	1,89
27	2,38	1,54	2,94	1,61	3,50	1,69	4,06	1,76	5,71	1,85	6,25	1,91

Symbols

AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

4D151951A

FVXM50A / RXM50A9
FVXM50A9 / RXM50A9

Cooling 50Hz, 220-240V

AFR	11,6
BF	0,11

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,34	3,70	0,95	4,28	3,70	1,07	4,18	3,69	1,18	4,11	3,69	1,23	4,06	3,69	1,29	4,01	3,69	1,39
16	22	5,15	3,63	1,01	5,02	3,59	1,11	4,86	3,55	1,21	4,79	3,53	1,25	4,65	3,50	1,30	4,42	3,45	1,40
18	25	5,48	3,87	1,02	5,32	3,84	1,12	5,12	3,80	1,21	5,02	3,79	1,25	4,88	3,78	1,31	4,65	3,77	1,41
19	27	5,67	4,23	1,02	5,47	4,21	1,12	5,23	4,22	1,22	5,14	4,22	1,25	5,00	4,25	1,31	4,77	4,31	1,41
22	30	6,04	3,82	1,03	5,81	3,78	1,13	5,58	3,75	1,22	5,49	3,75	1,26	5,35	3,74	1,32	5,11	3,76	1,42
24	32	6,27	3,57	1,04	6,04	3,53	1,13	5,81	3,49	1,23	5,72	3,48	1,27	5,58	3,46	1,33	5,34	3,45	1,42

Heating 50Hz, 220-240V

AFR	12,8

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,44	0,95	3,26	1,07	4,07	1,19	4,05	1,31	6,02	1,47	6,51	1,54
20	2,22	1,01	3,04	1,12	3,85	1,24	3,86	1,36	5,80	1,52	6,29	1,59
22	2,13	1,03	2,95	1,14	3,76	1,26	3,79	1,38	5,71	1,55	6,20	1,61
24	2,05	1,05	2,86	1,16	3,67	1,28	3,72	1,40	5,62	1,56	6,11	1,63
25	2,00	1,06	2,82	1,17	3,63	1,29	3,68	1,41	5,58	1,57	6,07	1,64
27	1,91	1,08	2,73	1,20	3,54	1,31	3,61	1,43	5,49	1,58	5,98	1,67

Symbols

AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]

Notes

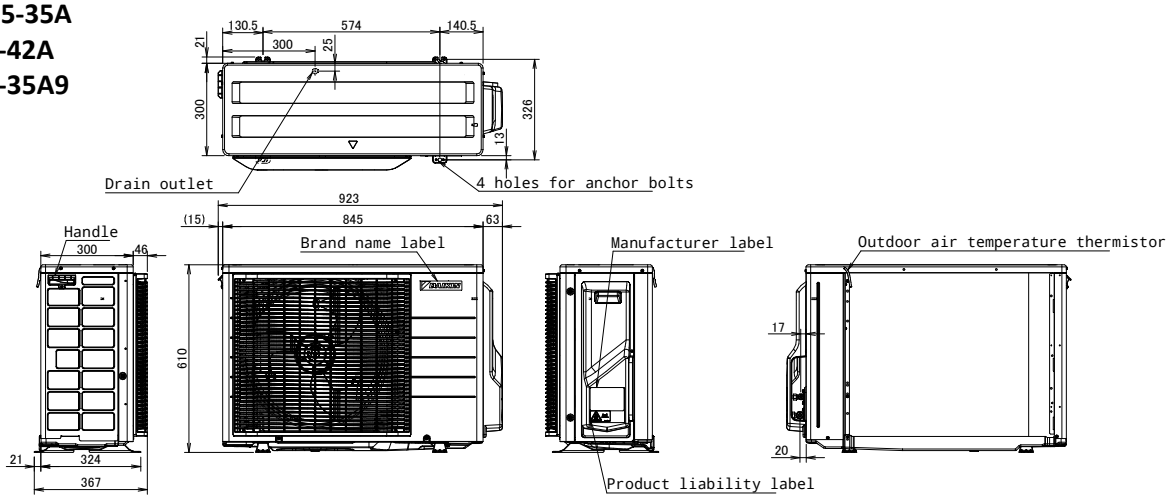
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0m
6. The air flow rate and bypass factor are mentioned in the table.

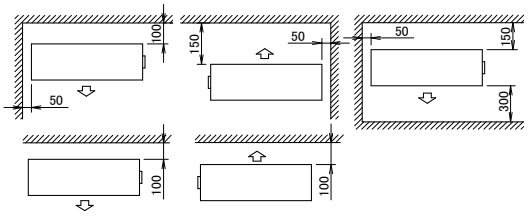
4D151951A

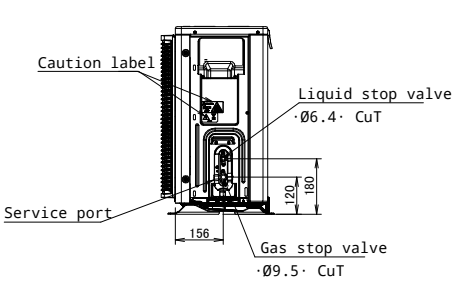
5 Dimensional drawings

5 - 1 Dimensional Drawings

ARXM25-35A
RXM20-42A
RXM25-35A9



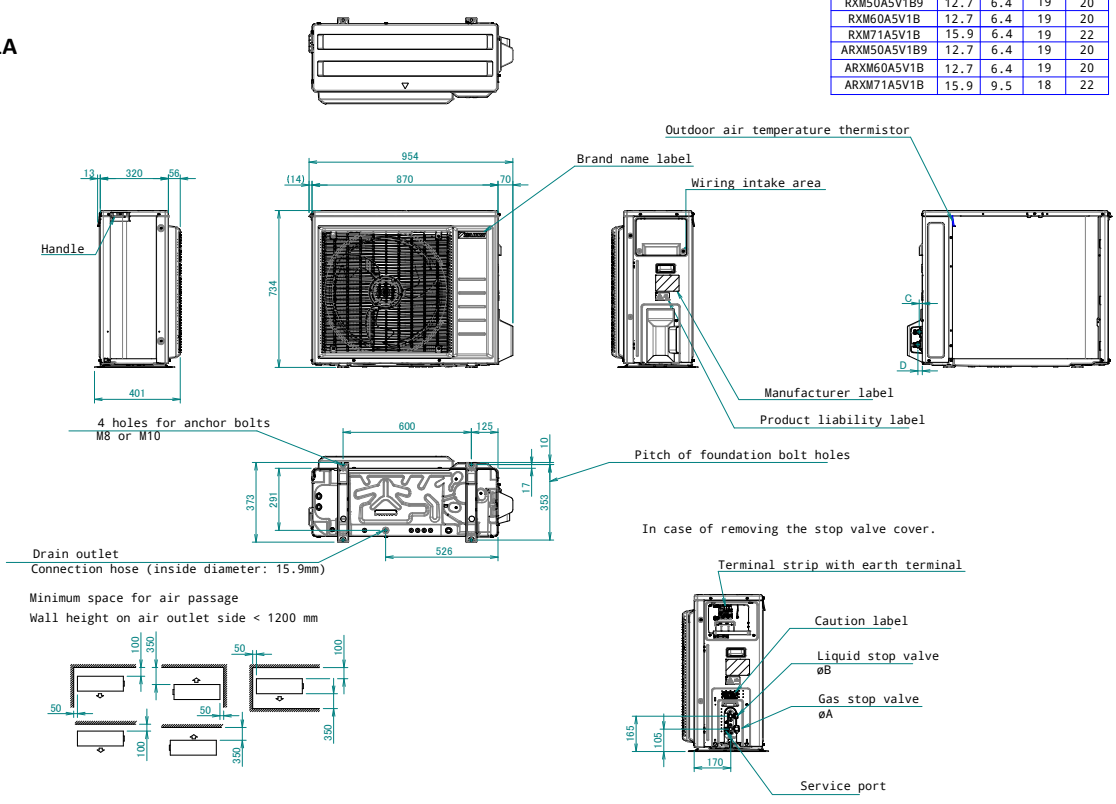




3D147631A

ARXM50A9
ARXM60-70A
RXM50A9
RXM60-71A

Model	øA	øB	C	D
RXM50A5V1B9	12.7	6.4	19	20
RXM60A5V1B	12.7	6.4	19	20
RXM71A5V1B	15.9	6.4	19	22
ARXM50A5V1B9	12.7	6.4	19	20
ARXM60A5V1B	12.7	6.4	19	20
ARXM71A5V1B	15.9	9.5	18	22

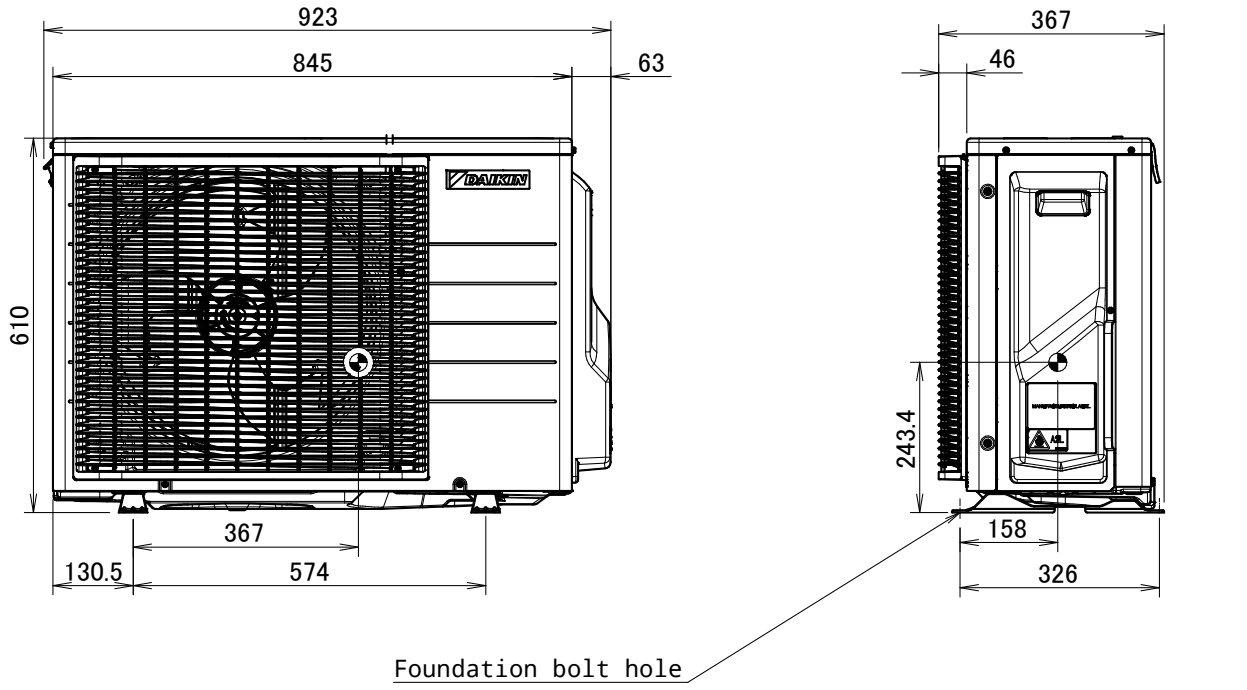


3D151868

6 Centre of gravity

6 - 1 Centre of Gravity

ARXM25-35A
RXM20-35A
RXM20-35A9

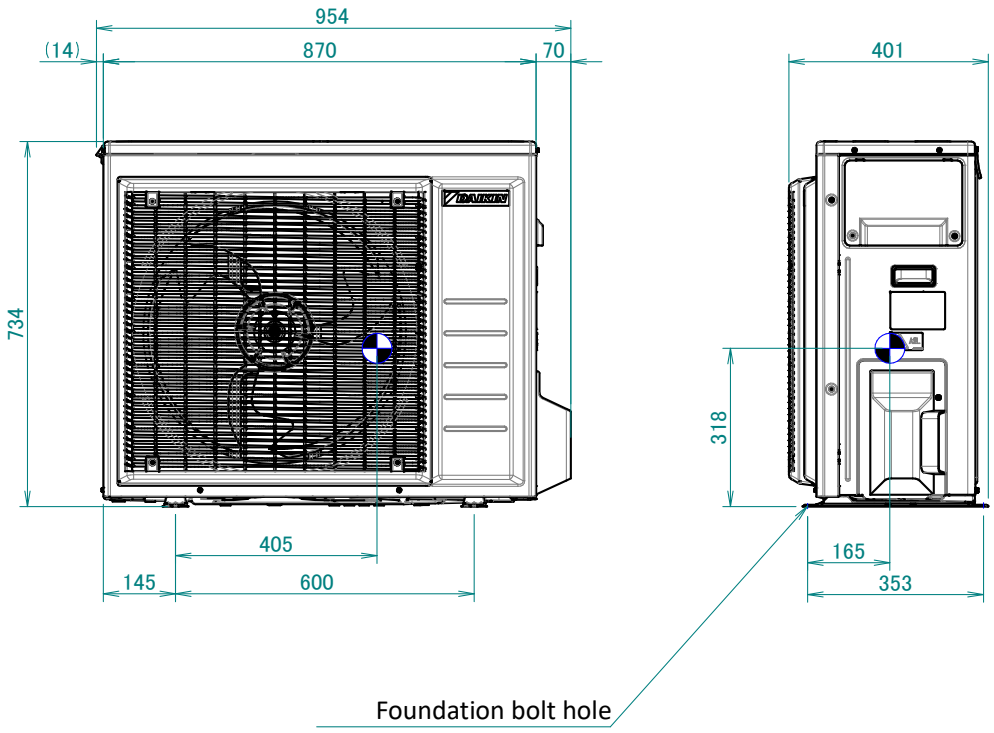


4D148194

6 Centre of gravity

6 - 1 Centre of Gravity

ARXM50A9
ARXM60-70A
RXM50A9
RXM60A

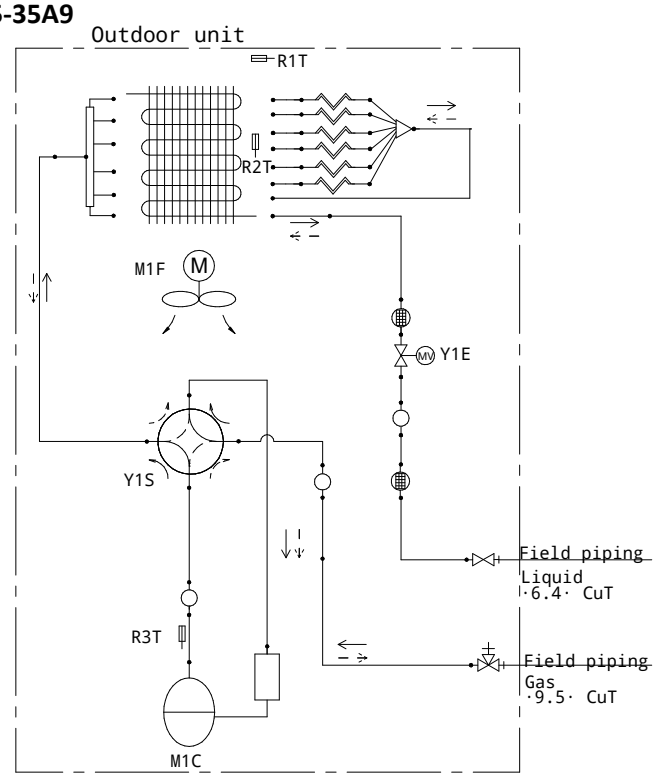


4D151950

7 Piping diagrams

7 - 1 Piping Diagrams

ARXM25-35A
RXM20-35A
RXM25-35A9



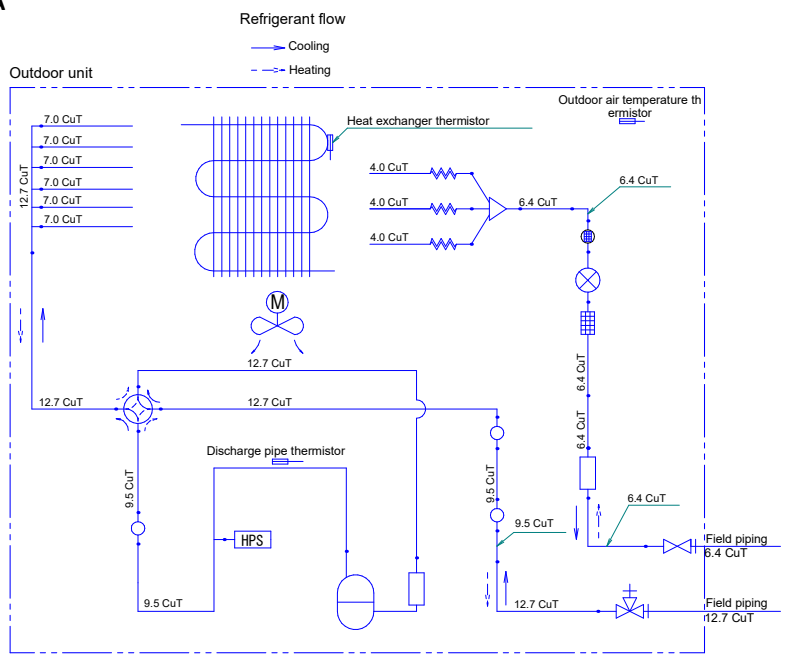
Legend

- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Refnet header
- Propeller fan
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

Refrigerant flow
→ Cooling
– – Heating

3D147593

ARXM50A9
ARXM60A
RXM50A9
RXM60A



Legend

- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Filter
- Propeller fan
- High pressure switch Automatic reset
- Thermistor
- Capillary tube
- 4-way valve ON: heating
- Accumulator
- Compressor
- Heat exchanger
- Distributor

3D151341

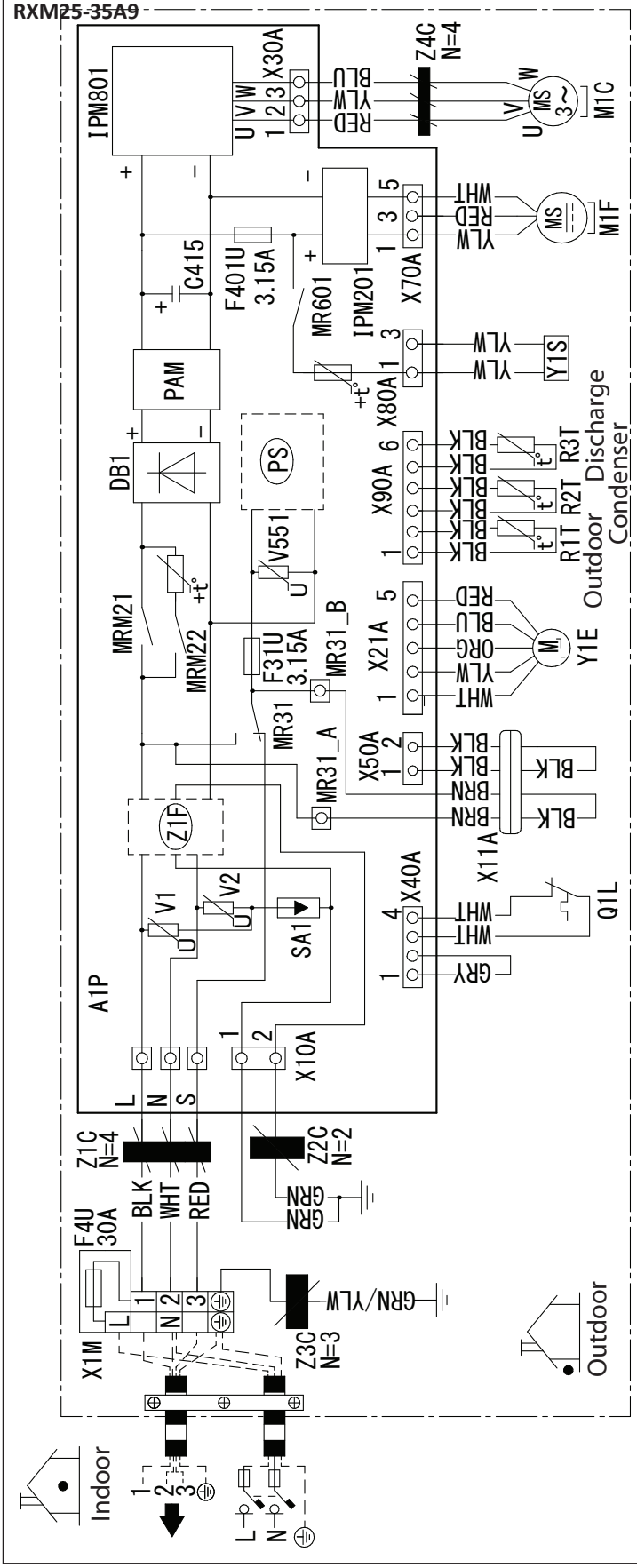
8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

ARXM25-35A
RXM20-35A
RXM~~25-35A~~9

Wiring diagram

For the power requirements, refer to the nameplate



A1P	Printed circuit board
C415	Capacitor
DB1	Diode bridge
IPM201, IPM801	Intelligent power module
L	Live
M1C	Compressor motor
M1F	Fan motor
N	Neutral
PAM	Pulse-amplitude modulation
PS	Switching power supply
Q1L	Overload protector
SA1	Surge arrestor
X1M	Terminal strip
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
F4U, F31U, F401U	Fuse
MRM21, MRM22, MR31, MR601,	Magnetic relay
R1T, R2T, R3T	Thermistor
X10A, X11A, X21A, X30A, X40A, X50A, X70A, X80A, X90A	Connector
V1, V2, V551	Varistor
Z1C, Z2C, Z3C, Z4C	Ferrite core
S, MR31_A, MR31_B	Connection
Z1F	Noise filter

BLK : Black
WHT : White
BRN : Brown
RED : Red
GRN : Green
YLW : Yellow
ORG : Orange
BLU : Blue
GRY : Grey
⏚ : Protective earth
⏚ : Earth

: Field wiring

4D147369

8 Wiring diagrams

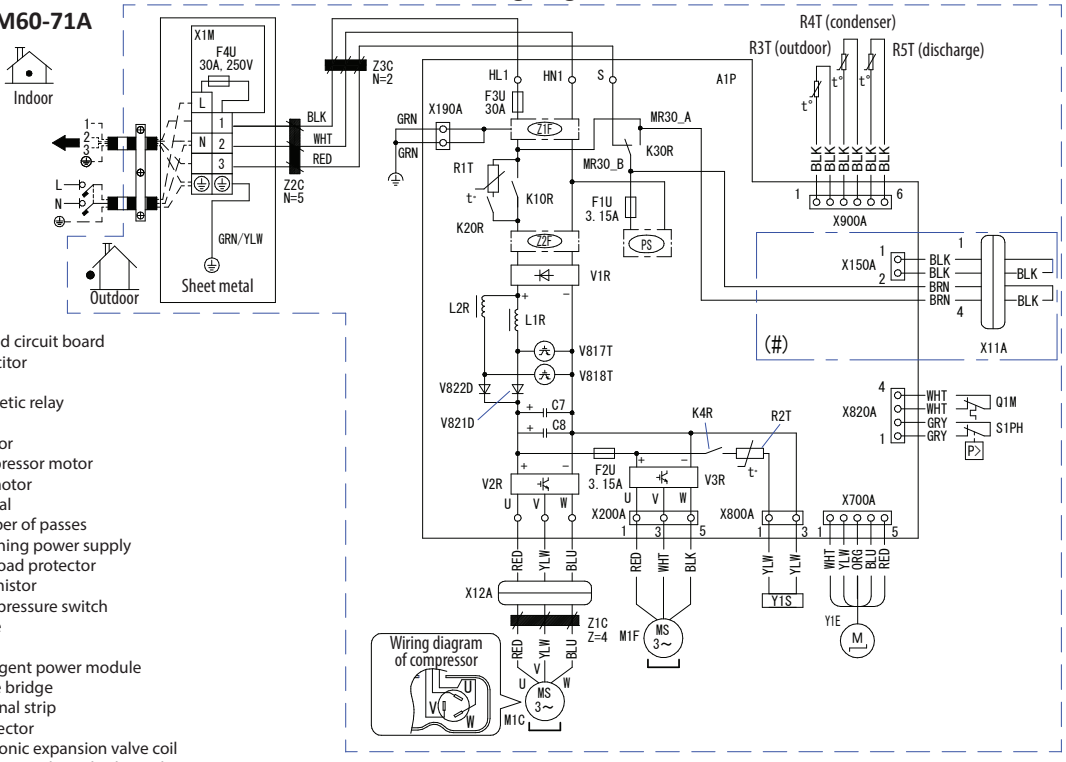
8 - 1 Wiring Diagrams - Single Phase

ARXM50A9 **ARXM60-70A**
RXM50A9 **RXM60-71A**

Field wiring

BLK : Black
BLU : Blue
YLW : Yellow
BRN : Brown
ORG : Orange
RED : Red
WHT : White
GRN : Green
GRY : Grey

Wiring diagram



A1P	Printed circuit board
C7,C8	Capacitor
F1U, F2U, F3U, F4U	Fuse
K4R, K10R, K20R, K30R	Magnetic relay
L	Live
L1R,L2R	Reactor
M1C	Compressor motor
M1F	Fan motor
N	Neutral
N=2,N=4,N=5	Number of passes
PS	Switching power supply
Q1M	Overload protector
R1T~R5T	Thermistor
S1PH	High pressure switch
V821D, V822D	Diode
V817T, V818T	Igbt
V2R, V3R	Intelligent power module
V1R	Diode bridge
X1M	Terminal strip
X1A~X900A	Connector
Y1E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
Z1C ,Z2C, Z3C	Ferrite core
Z1F, Z2F	Noise filter
⏚	Protective earth
⏚	Noiseless earth

NOTES

1. Refer to the nameplate for the power requirements.
2. Do not remove or replace fuse when the units are energized.
3. (#) Only for the units with the suspend connector specified in the installation manual.

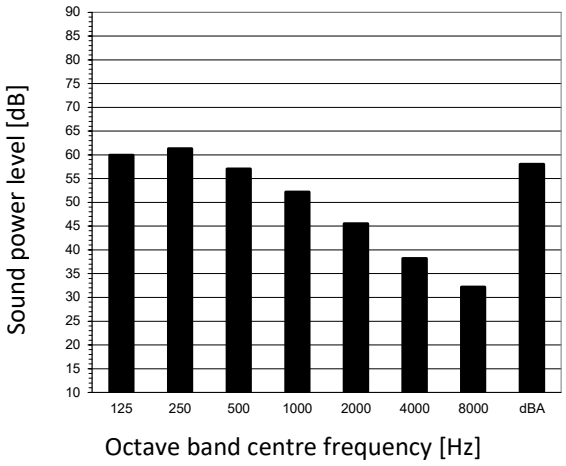
3D150217

9 Sound data

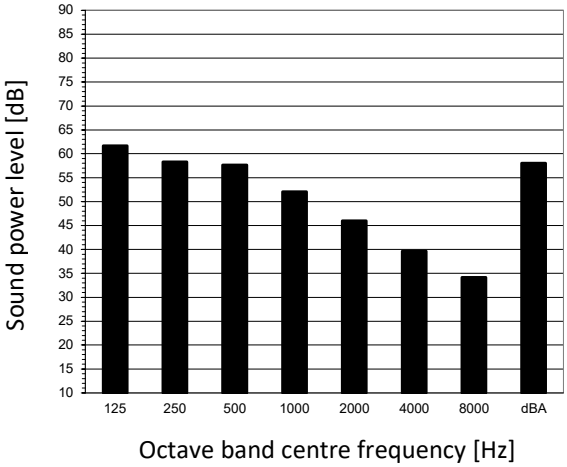
9 - 1 Sound Power Spectrum

ARXM25A
RXM25A
RXM25A9

Cooling



Heating



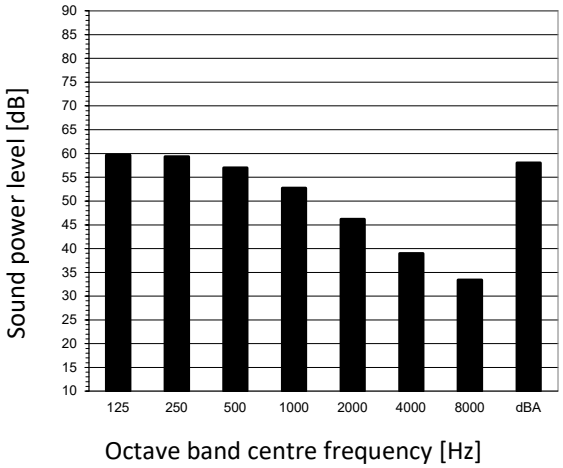
Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

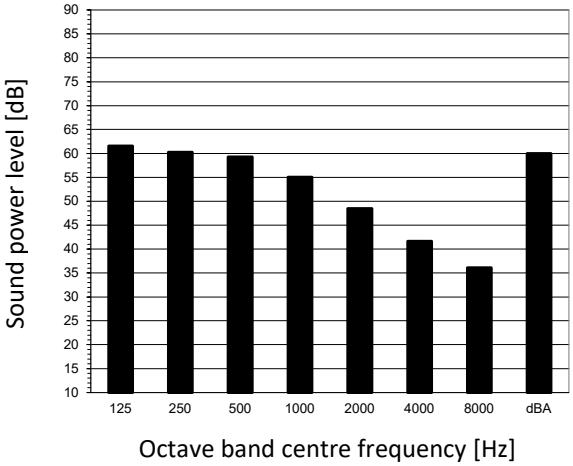
4D148790

ARXM35A
RXM35A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

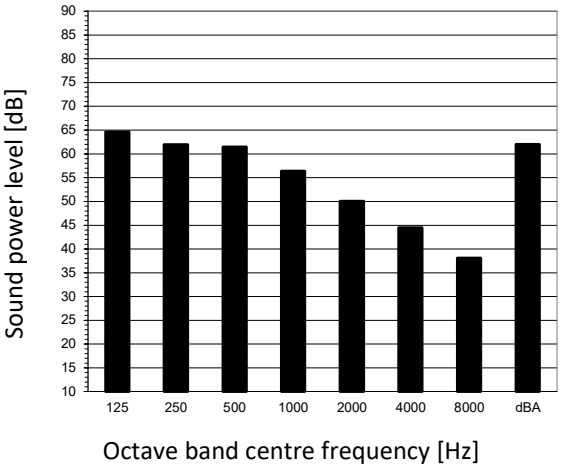
4D148795

9 Sound data

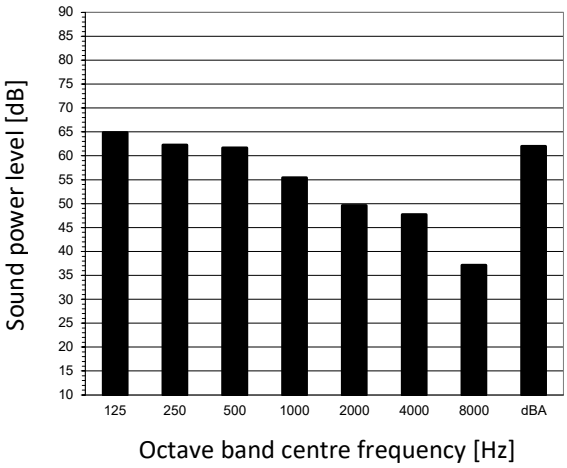
9 - 1 Sound Power Spectrum

ARXM50A
RXM50A
RXM50A9

Cooling



Heating



Fan speed: High

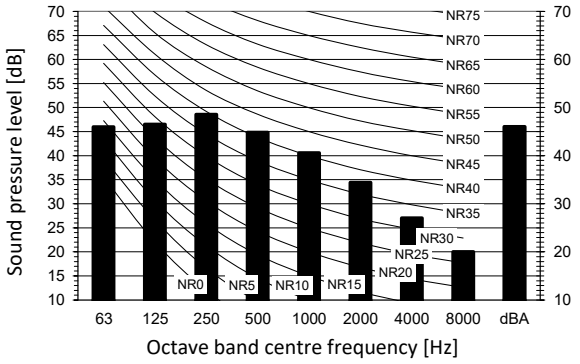
Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

4D148792

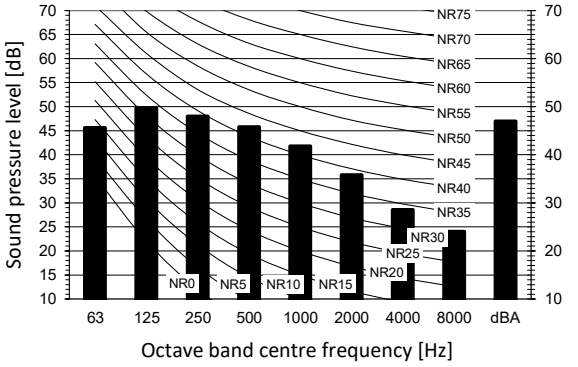
9 Sound data

9 - 2 Sound Pressure Spectrum

ARXM25A
RXM25A
RXM25A9 Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

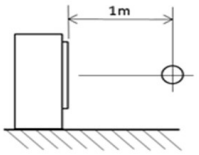
Cooling Total dB

A	B
dBA	46

Heating Total dB

A	B
dBA	47

Location of microphone



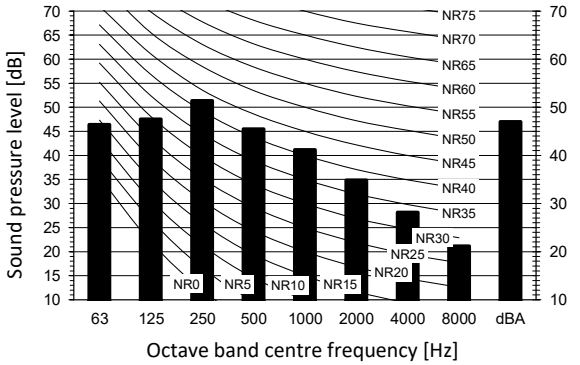
Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

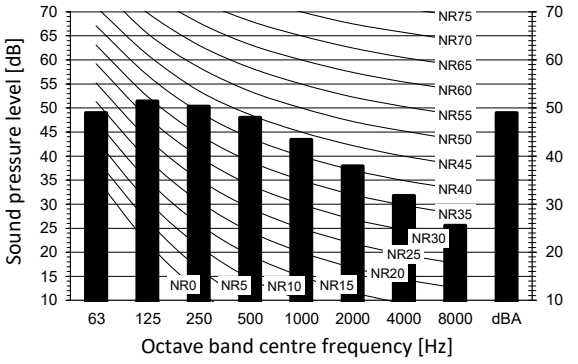
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

4D148977

ARXM35A
RXM35A
RXM35A9 Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

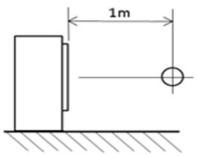
Cooling Total dB

A	B
dBA	47

Heating Total dB

A	B
dBA	49

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

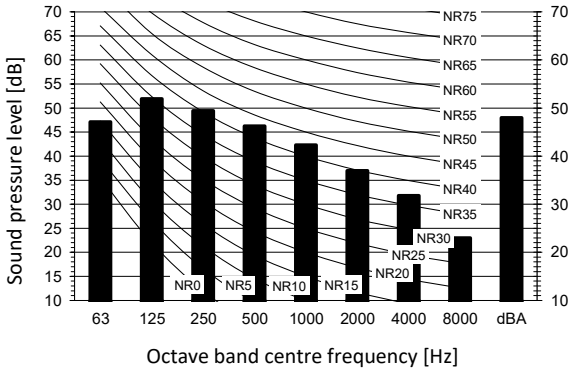
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

4D148978

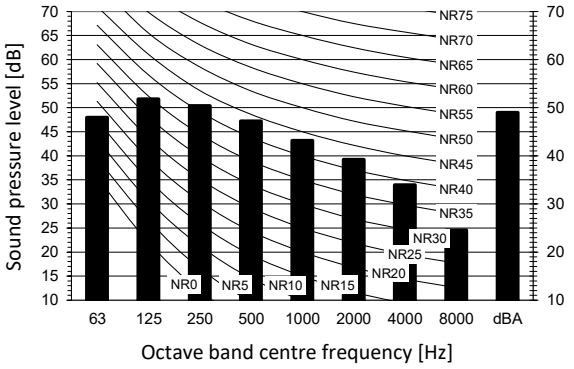
9 Sound data

9 - 2 Sound Pressure Spectrum

ARXM50A
RXM50A
RXM50A9 Cooling mode



Heating mode



Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B Fan speed: High

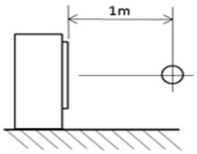
Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Location of microphone



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

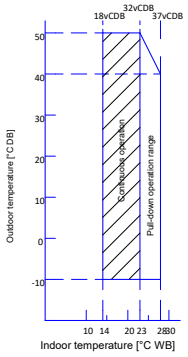
4D148980

10 Operation range

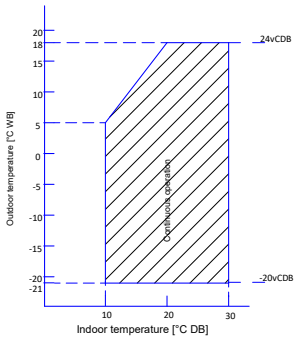
10 - 1 Operation Range

ARXM35A9
ARXM25-35A
RXM25-35A9
RXM20-42A

Cooling



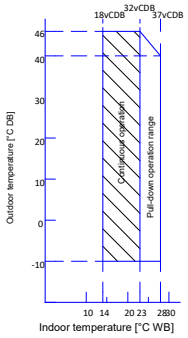
Heating



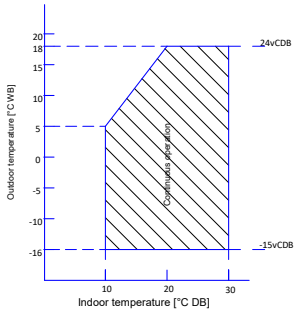
Notes
1. The graphs are based on the following conditions.
Corresponding refrigerant piping length: 5 m
Level difference: 0m
Air flow rate High

Only possible in combination with ATXM*A2V1B, ATXM*A5V1B, FTXM*A2V1B, FTXM*A5V1B, FVXM*B2V1B

Cooling



Heating

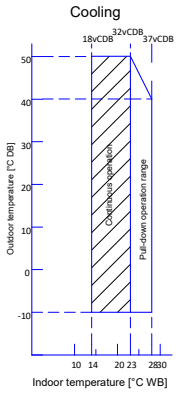


Only possible in combination with FCAG*BVEB, FFA*A2VEB9, FBA*A2VEB9, FHA*AVEB98, FDXM*F3V1B9, FNA*A2VEB9, ADEA*A2VEB, FVXM*A3V1B, FVXM*A3V1B9

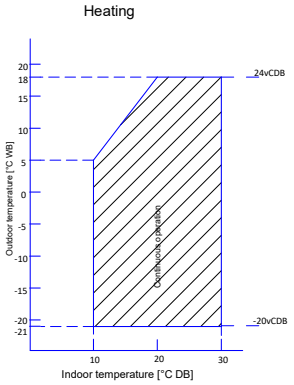
3D148983C

ARXM50A9
ARXM50A
RXM50A9
RXM50A

Cooling



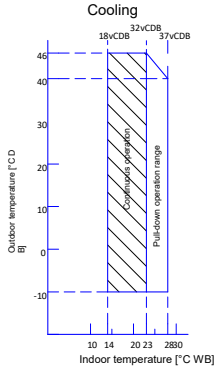
Heating



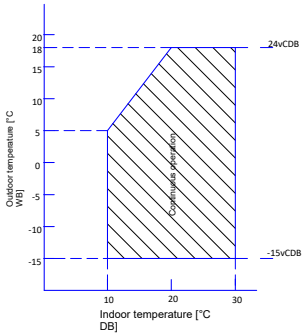
Notes
1. The graph is based on the following conditions.
Corresponding refrigerant piping length: 5 m
Level difference: 0m
Air flow rate High

Only possible in combination with ATXM*A2V1B, ATXM*A5V1B, FTXM*A2V1B, FTXM*A5V1B

Cooling



Heating



Only possible in combination with FCAG*BVEB, FFA*A2VEB9, FBA*A2VEB9, FHA*AVEB98, FHA*AVEB99, FDXM*F3V1B9, FNA*A2VEB9, ADEA*A2VEB, FVXM*A3V1B, FVXM*A3V1B9, FVXM*B2V1B

3D148981A

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)

Daikin Europe N.V. participates in the ECP programmes for Fan Coil Units and Variable Refrigerant Flow systems. Daikin Applied Europe S.p.A. participates in the ECP programmes for Liquid Chilling Packages and Hydronic Heat Pumps. Check ongoing validity of certificate: www.eurovent-certification.com

EEDEN25 05/2025