Air Conditioning Technical Data

RXP-M

EEDEN21

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RXP-M

1 Features

1 - 1 RXP-M

› Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency

› Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall

› Outdoor units for pair application

2 Specifications

1 - 1 RXP-M

Technical specifications				FTXP20M9 + RXP20M	FTXP25M9 + RXP25M	FTXP35M9 + RXP35M
Indoor unit				FTXP20M5V1B9	FTXP25M5V1B9	FTXP35M5V1B9
Outdoor unit				RXP20M5V1B	RXP25M5V1B	RXP35M5V1B
Cooling capacity	Min.		kW	1.3		
	Min.		Btu/h	4,400.0		4,435.8
	Min.		kcal/h	1,118.0		1,117.8
	Nom.		kW	2.00	2.50	3.50
	Nom.		Btu/h	6,800.0	8,500.0	11,942.5
	Nom.		kcal/h	1,720.0	2,150.0	3,009.5
	Max.		kW	2.6	3.0	4.0
	Max.		Btu/h	8,900.0	10,200.0	13,648.6
	Max.		kcal/h	2,236.0	2,580.0	3,439.4
Heating capacity	Min.		kW	1.30		
	Min.		Btu/h	4,400.0		4,435.8
	Min.		kcal/h	1,110.0		1,117.8
	Nom.		kW	2.50	3.00	4.00
	Nom.		Btu/h	8,500.0	10,200.0	13,648.6
	Nom.		kcal/h	2,150.0	2,580.0	3,439.4
	Max.		kW	3.50	4.00	4.80
	Max.		Btu/h	11,900.0	13,600.0	16,378.3
	Max.		kcal/h	3,009.0	3,439.0	4,127.3
Power input	Cooling	Min.	kW	0.31		0.29
		Nom.	kW	0.50	0.65	1.01
		Max.	kW	0.72		1.30
	Heating	Min.	kW	0.25		0.29
		Nom.	kW	0.52	0.69	1.00
		Max.	kW	0.95		1.29
Nominal efficiency	EER			4.02	3.83	3.49
	COP			4.77	4.36	4.02
	Annual energy consumption		kWh	249	326	-
	Energy labeling Directive	Cooling		A		
		Heating		A		
Space cooling	Capacity	Pdesign	kW	2.00	2.50	3.50
	Energy efficiency class			A++		
	SEER			6.79	6.92	6.62
	Annual energy consumption		kWh/a	103	126	186
Space heating (Average climate)	Capacity	Pdesign	kW	2.20	2.40	2.80
Space heating (Average climate)	Energy efficiency class			A++		
	SCOP/A			4.65	4.61	4.64
	SCOPnet/A			4.69	4.65	4.68
	Pdh Heating capacity at -10°		kW	1.99	2.10	2.33
	Annual energy consumption		kWh/a	662	728	845
	Required back up heating cap at design conditions		kW	0.21	0.30	0.47
Space heating (Warm climate)	Capacity	Pdesignh	kW	1.18	1.29	1.51
	Energy efficiency class			A+++		
	SCOP			5.65	5.63	5.79
	SCOPnet			5.83	5.79	5.93
	Annual energy consumption		kWh/a	293	321	366
	Required back up heating cap at design conditions		kW	0.00		
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	2.00	2.50	3.50
		EERd		4.02	3.83	3.49
		Power input	kW	0.50	0.65	1.01
	B Condition (30°C - 27/19)	Pdc	kW	1.47	1.84	2.58
		EERd		5.12	5.19	4.40
		Power input	kW	0.29	0.35	0.59
	C Condition (25°C - 27/19)	Pdc	kW	1.24	1.45	1.66
		EERd		8.51	8.54	8.09
		Power input	kW	0.15	0.17	0.21
	D Condition (20°C - 27/19)	Pdc	kW	1.32	1.34	1.36
		EERd		13.15	13.19	13.38
		Power input	kW	0.10		

2 Specifications

1 - 1 RXP-M

Technical specifications					FTXP20M9 + RXP20M	FTXP25M9 + RXP25M	FTXP35M9 + RXP35M
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15		
		Pdh (declared heating cap)		kW	2.05	2.07	2.09
		COPd (declared COP)			2.24	2.26	2.28
		Power input		kW	0.92		
	TBivalent	Tbiv (bivalent temperature)		°C	-7		
		Pdh (declared heating cap)		kW	1.95	2.12	2.48
		COPd (declared COP)			3.26	3.22	3.19
		Power input		kW	0.60	0.66	0.78
	A Condition (-7°C)	Pdh (declared heating cap)		kW	1.95	2.12	2.48
		COPd (declared COP)			3.26	3.22	3.19
		Power input		kW	0.60	0.66	0.78
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.18	1.29	1.51
		COPd (declared COP)			4.65	4.60	4.59
Space heating (Average climate)	B Condition (2°C)	Power input		kW	0.25	0.28	0.33
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.91	0.93	0.97
		COPd (declared COP)			5.86	5.79	5.84
		Power input		kW	0.16		0.17
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.09	1.11	1.13
		COPd (declared COP)			7.50	7.35	7.38
		Power input		kW	0.15		
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15		
		Pdh (declared heating cap)		kW	2.05	2.07	2.09
		COPd (declared COP)			2.24	2.26	2.28
		Power input		kW	0.92		
	TBivalent	Tbiv (bivalent temperature)		°C	2		
		Pdh (declared heating cap)		kW	1.18	1.29	1.51
		COPd (declared COP)			4.66	4.61	4.59
		Power input		kW	0.25	0.28	0.33
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.18	1.29	1.51
		COPd (declared COP)			4.65	4.60	4.59
		Power input		kW	0.25	0.28	0.33
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.91	0.93	0.97
		COPd (declared COP)			5.86	5.79	5.84
		Power input		kW	0.16		0.17
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.09	1.11	1.13
		COPd (declared COP)			7.50	7.35	7.38
		Power input		kW	0.15		
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0.0		
	Off mode	POFF		W	1.0		
	Standby mode	Cooling	PSB	W	1.0		
		Heating	PSB	W	1.0		
	Thermostat-off mode	PTO	Cooling	W	12		
			Heating	W	12		
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		
Ecolabel logo					No		
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	60		62
	Sound power level indoor	Cooling	Nom.	dBA	55		58
	Piping length	Cooling	Measuring condition	m	5.0		

Electrical specifications				FTXP20M9 + RXP20M	FTXP25M9 + RXP25M	FTXP35M9 + RXP35M
Power factor	Nominal	Cooling	%	74.3	94.0	81.9
		Heating	%	90.5	94.8	86.0
Current	Nominal running current (RLA) - 50Hz	Cooling	A	2.93	3.01	5.42
		Heating	A	2.50	3.16	5.03

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 electrical data

Technical specifications	FTXP50M + RXP50M	FTXP60M + RXP60M	FTXP71M + RXP71M
Indoor unit	FTXP50M2V1B	FTXP60M2V1B	FTXP71M2V1B

2 Specifications

1 - 1 RXP-M

Technical specifications				FTXP50M + RXP50M	FTXP60M + RXP60M	FTXP71M + RXP71M
Outdoor unit				RXP50M2V1B	RXP60M2V1B	RXP71M2V1B
Cooling capacity	Min.		kW	1.7		2.3
	Min.		Btu/h	5,800		7,848
	Min.		kcal/h	1,460		1,976
	Nom.		kW	5.0	6.0	7.1
	Nom.		Btu/h	17,060	20,472	24,225
	Nom.		kcal/h	4,295	5,154	6,099
	Max.		kW	6.0	7.0	7.3
	Max.		Btu/h	20,472	23,884	24,908
	Max.		kcal/h	5,154	6,013	6,271
Heating capacity	Min.		kW	1.7		2.3
	Min.		Btu/h	5,800		7,848
	Min.		kcal/h	1,460		1,976
	Nom.		kW	6.0	7.0	8.2
	Nom.		Btu/h	20,472	23,884	27,978
	Nom.		kcal/h	5,154	6,013	7,044
	Max.		kW	7.7	8.0	9.0
	Max.		Btu/h	26,272	27,296	30,708
	Max.		kcal/h	6,614	6,872	7,731
Power input	Cooling	Min.	kW	0.320	0.332	0.449
		Nom.	kW	1.385	1.824	2.689
		Max.	kW	1.826	2.980	3.274
	Heating	Min.	kW	0.440	0.456	0.617
		Nom.	kW	1.579	1.928	2.571
		Max.	kW	2.356	2.787	3.306
Nominal efficiency	EER			3.61	3.29	2.64
	COP			3.80	3.63	3.19
	Annual energy consumption		kWh	693	912	1,345
Space cooling	Capacity	Pdesign	kW	5.0	6.0	7.1
	Energy efficiency class				A++	
	SEER			7.30	6.82	6.20
	Annual energy consumption		kWh/a	240	308	401
Space heating (Average climate)	Capacity	Pdesign	kW	4.60	4.80	6.20
	Energy efficiency class				A+	
	SCOP/A			4.40	4.10	4.01
Space heating (Average climate)	SCOPnet/A			4.42	4.12	4.04
	Pdh Heating capacity at -10°		kW	4.12	4.24	5.02
	Annual energy consumption		kWh/a	1,463	1,638	2,166
	Required back up heating cap at design conditions		kW	0.48	0.56	1.18
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.48	2.58	3.34
	Energy efficiency class				A+++	
	SCOP			5.70	5.20	5.57
	SCOPnet			5.79	5.27	5.64
	Annual energy consumption		kWh/a	609	695	839
	Required back up heating cap at design conditions		kW		0.00	
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00	6.00	7.10
		EERd		3.61	3.29	2.64
		Power input	kW	1.39	1.82	2.69
	B Condition (30°C - 27/19)	Pdc	kW	3.68	4.42	5.23
		EERd		5.07	4.82	4.15
		Power input	kW	0.73	0.92	1.26
	C Condition (25°C - 27/19)	Pdc	kW	2.37	2.84	3.36
		EERd		8.90	7.99	8.50
		Power input	kW	0.27	0.36	0.40
	D Condition (20°C - 27/19)	Pdc	kW	2.12	2.39	2.60
		EERd		13.9	13.5	10.4
		Power input	kW	0.15	0.18	0.25

2 Specifications

1 - 1 RXP-M

Technical specifications					FTXP50M + RXP50M	FTXP60M + RXP60M	FTXP71M + RXP71M
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15		
		Pdh (declared heating cap)		kW	4.20	4.22	4.24
		COPd (declared COP)			2.06	1.81	1.96
		Power input		kW	2.04	2.33	2.16
	TBivalent	Tbiv (bivalent temperature)		°C	-7.0		
		Pdh (declared heating cap)		kW	4.07	4.25	5.48
		COPd (declared COP)			2.76	2.25	2.26
		Power input		kW	1.47	1.89	2.42
	A Condition (-7°C)	Pdh (declared heating cap)		kW	4.07	4.25	5.48
		COPd (declared COP)			2.76	2.25	2.26
		Power input		kW	1.47	1.89	2.42
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.48	2.58	3.34
		COPd (declared COP)			4.40	4.34	4.01
		Power input		kW	0.56	0.59	0.83
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.59	1.66	2.15
Space heating (Average climate)	C Condition (7°C)	COPd (declared COP)			5.68	5.29	5.50
		Power input		kW	0.28	0.31	0.39
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.60	2.00	2.07
		COPd (declared COP)			7.11	6.41	7.00
		Power input		kW	0.23	0.31	0.30
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15		
		Pdh (declared heating cap)		kW	4.20	4.22	4.24
		COPd (declared COP)			2.06	1.81	1.96
		Power input		kW	2.04	2.33	2.16
	TBivalent	Tbiv (bivalent temperature)		°C	2		
		Pdh (declared heating cap)		kW	2.48	2.58	3.34
		COPd (declared COP)			4.40	4.34	4.01
		Power input		kW	0.56	0.59	0.83
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.48	2.58	3.34
		COPd (declared COP)			4.40	4.34	4.01
		Power input		kW	0.56	0.59	0.83
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.59	1.66	2.15
		COPd (declared COP)			5.68	5.29	5.50
		Power input		kW	0.28	0.31	0.39
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.60	2.00	2.07
		COPd (declared COP)			7.11	6.41	7.00
		Power input		kW	0.23	0.31	0.30
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0.0		
	Off mode	POFF		W	1.0		
	Standby mode	Cooling	PSB	W	1.0		
	Thermostat-off mode	PTO	Cooling	W	13		15
			Heating	W	12		14
Cooling	Cdc (Degradation cooling)				0.25		
Heating	Cdh (Degradation heating)				0.25		
Cooling function included					Yes		
Heating function included					Yes		
Average climate included					Yes		
Warm season included					Yes		
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	61	63	66
	Sound power level indoor	Cooling	Nom.	dBA	59	60	62
	Piping length	Cooling	Measuring condition	m	5.0		

Electrical specifications				FTXP50M + RXP50M	FTXP60M + RXP60M	FTXP71M + RXP71M
Power factor	Nominal	Cooling	%	95.6	99.1	
		Heating	%	96.7	99.2	98.9
Current	Nominal running current (RLA) - 50Hz	Cooling	A	6.3	8.0	11.8
		Heating	A	7.1	8.5	11.3

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.

Technical Specifications		RXP20M	RXP25M	RXP35M	RXP50M	RXP60M	RXP71M
Casing	Colour	Ivory white					

2 Specifications

1 - 1 RXP-M

Technical Specifications					RXP20M	RXP25M	RXP35M	RXP50M	RXP60M	RXP71M
Dimensions	Unit	Height		mm	550			734		
		Width		mm	658			870		
		Depth		mm	275			373		
	Packed unit	Height		mm	630			820		
		Width		mm	790			1,050		
		Depth		mm	400			480		
Weight	Unit			kg	26		28	46.0	50.0	
	Packed unit			kg	28		30	50.0	54.0	
Packing	Weight			kg	2			4.0		
Heat exchanger	Length			mm	670		647	943	920	
	Rows	Quantity			1		2	1	2	
	Fin pitch			mm	1.40			1.4		
	Stages	Quantity			24			32		
	Passes	Quantity			1.6		3.1	2.2		
	Tube type				ø7 Hi-XD					
	Tube material				Copper			-		
	Fin	Type			Waffle fin (PE)					
Fan	Type				Propeller			Propeller fan		
	Air flow rate	Cooling	High	m^3/min	27.6		28.2	-		
				cfm	975		996	-		
			Nom.	m^3/min	-			41.0	45.5	
				cfm	-			1,447	1,608	
		Heating	High	m^3/min	27.1	28.0	26.8	-		
				cfm	957	990	946	-		
			Nom.	m^3/min	-			43.2	45.3	46.5
				cfm	-			1,527	1,600	1,643
Fan motor	Model				ZWA138S28A			D55F-31		
	Insulation grade				Class "E"			-		
	Output			W	21			55		
	Speed	Cooling	High	rpm	840			740	760	
			Nom.	rpm	-			710	740	
			Low	rpm	700			680	740	
		Heating	High	rpm	870	900	840	710	740	760
			Nom.	rpm	-			710	740	760
			Low	rpm	720			630	660	
Compressor	Model				1YC25KXD#D			2YC40JXD#C		
	Oil Amount			cm^3	375			650		
	Type				Hermetically sealed swing compressor					
	Output			W	870			1,300		
	Oil Type				FW68DA					
Sound power level	Cooling			dBA	60		62	61	63	66
	Heating			dBA	61		62	61	63	65
Sound pressure level	Cooling	High		dBA	46		48	-		
		Nom.		dBA	-			47	49	52
	Heating	High		dBA	47		48	-		
		Nom.		dBA	-			49		52
Refrigerant	Type				R-32					
	Charge			kg	0.55		0.70	0.90	1.15	
	Charge			TCO2Eq	0.37		0.48	0.61	0.78	
	GWP				675.0			675		
Piping connections	Liquid	OD		mm	635			64		
	Gas	OD		mm	9.5			12.7		
	Drain	OD		mm	18			16		
	Piping length	OU - IU	Max.	m	15			30		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)					
	Level difference	IU - OU	Max.	m	12			20		
	Heat insulation				-			Both liquid and gas pipes		
Capacity control	Method				Variable (inverter)					

Standard accessories: Drain plug; Quantity: 1;

Standard accessories: Installation manual; 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: Drain cap (1); Quantity: 6;

Standard accessories: Drain cap (2); Quantity: 3;

2 Specifications

1 - 1 RXP-M

Electrical Specifications				RXP20M	RXP25M	RXP35M	RXP50M	RXP60M	RXP71M
Power supply	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					

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

3 Electrical data

3 - 1 Electrical Data

FTXP20-35M / RXP20-35M
FTXP20-35M9 / RXP20-35M

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Indoor unit	Outdoor unit	①	②	③	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
FTXP20M5V1B	RXP20M5V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10,4	16	32,0	2,4 2,3 2,2	0,024	0,17	0,024	0,34
FTXP25M5V1B	RXP25M5V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10,4	16	44,0	2,9 2,7 2,6	0,024	0,17	0,024	0,34
FTXP35M5V1B	RXP35M5V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10,4	16	70,0	4,7	0,021	0,16	0,037	0,45
ATXP20M5V1B	ARXP20M5V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10,4	16	32,0	2,4 2,3 2,2	0,024	0,17	0,024	0,34
ATXP25M5V1B	ARXP25M5V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10,4	16	44,0	2,9 2,7 2,6	0,024	0,17	0,024	0,34
ATXP35M5V1B	ARXP35M5V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10,4	16	70,0	4,7	0,021	0,16	0,037	0,45
FTXP20M5V1B9	RXP20M5V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10,4	16	32,0	2,4 2,3 2,2	0,024	0,17	0,024	0,34
FTXP25M5V1B9	RXP25M5V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10,4	16	44,0	2,9 2,7 2,6	0,024	0,17	0,024	0,34
FTXP35M5V1B9	RXP35M5V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	10,4	16	70,0	4,7	0,021	0,16	0,037	0,45

Notes

1. The ·RLA· is based on the following conditions.
   Indoor temperature ·27·°C DB / ·19·°C WB
   Outdoor temperature ·35·°C DB
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.

Symbols

① Hz
② Voltage
③ Voltage range

MCA Minimum Circuit Ampere [A]
MFA Maximum Fuse Ampere [A]
RLA Rated load amps [A]

COMP Compressor
IFM Indoor fan motor
OFM Outdoor fan motor
FLA Full Load Ampere [A]
kW Fan motor rated output [kW]
RHz Rated operating frequency [Hz]

3D121482A

FTXP50-71M
RXP50-71M

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXP50M2V1B	FTXP50M2V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	14,5	20	54	6,5 6,3 6,1	0,056	0,37	0,045	0,43
RXP60M2V1B	FTXP60M2V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	15,7	20	66	8,1 8,0 7,9	0,056	0,37	0,049	0,46
RXP71M2V1B	FTXP71M2V1B	50 50 50	220 230 240	MAX. 50Hz 264V MIN. 50Hz 198V	15,7	20	84	11,9 11,8 11,7	0,056	0,37	0,049	0,46

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.

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 Ampere [A]
kW: Fan motor rated output [kW]
RHz: Rated operating frequency [Hz]

3D120329A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXP20M / RXP20M
FTXP20M9 / RXP20M

Cooling

·50· Hz ·230· V

AFR	9,5
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
14,0	20	2,05	1,80	0,39	1,96	1,76	0,42	1,86	1,72	0,46	1,83	1,70	0,48	1,77	1,67	0,50	1,68	1,63	0,53
16,0	22	2,14	1,77	0,39	2,05	1,73	0,43	1,95	1,69	0,46	1,92	1,68	0,48	1,86	1,65	0,50	1,77	1,61	0,54
18,0	25	2,23	1,89	0,39	2,14	1,86	0,43	2,05	1,82	0,46	2,01	1,81	0,48	1,95	1,78	0,50	1,86	1,75	0,54
19,0	27	2,28	2,03	0,39	2,19	2,00	0,43	2,09	1,96	0,47	2,06	1,95	0,48	2,00	1,93	0,50	1,91	1,89	0,54
22,0	30	2,42	1,97	0,39	2,32	1,94	0,43	2,23	1,91	0,47	2,19	1,90	0,48	2,14	1,88	0,51	2,05	1,85	0,54
24,0	32	2,51	1,93	0,40	2,42	1,91	0,43	2,32	1,88	0,47	2,29	1,87	0,49	2,23	1,85	0,51	2,14	1,82	0,55

Heating

·50· Hz ·230· V

AFR	10,4

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
15,0	1,19	0,34	1,43	0,35	1,67	0,37	1,92	0,49	2,59	0,51	2,81	0,53
20,0	1,12	0,35	1,36	0,36	1,60	0,38	1,84	0,50	2,50	0,52	2,73	0,54
22,0	1,09	0,35	1,33	0,37	1,57	0,38	1,81	0,50	2,47	0,53	2,69	0,55
24,0	1,06	0,35	1,30	0,37	1,54	0,39	1,78	0,51	2,43	0,53	2,66	0,55
25,0	1,04	0,36	1,28	0,37	1,52	0,39	1,76	0,51	2,41	0,54	2,64	0,55
27,0	1,01	0,36	1,25	0,38	1,49	0,39	1,74	0,51	2,38	0,54	2,61	0,56

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.
   Rated operating frequency [Hz]
3. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m-
   Level difference: ·0·m
4. The air flow rate and bypass factor are mentioned in the table.

3D122037A

FTXP25M / RXP25M
FTXP25M9 / RXP25M

Cooling

·50· Hz ·220-240· V

AFR	9,7
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
14,0	20	2,56	2,08	0,50	2,44	2,03	0,55	2,33	1,97	0,59	2,28	1,96	0,61	2,21	1,92	0,64	2,10	1,86	0,69
16,0	22	2,68	2,05	0,50	2,56	1,99	0,55	2,44	1,94	0,60	2,40	1,92	0,62	2,33	1,89	0,65	2,21	1,84	0,70
18,0	25	2,79	2,17	0,50	2,68	2,12	0,55	2,56	2,07	0,60	2,51	2,06	0,62	2,44	2,03	0,65	2,33	1,98	0,70
19,0	27	2,85	2,31	0,50	2,73	2,27	0,55	2,62	2,22	0,60	2,57	2,20	0,62	2,50	2,18	0,65	2,38	2,13	0,70
22,0	30	3,02	2,24	0,51	2,91	2,20	0,56	2,79	2,16	0,61	2,74	2,14	0,63	2,67	2,12	0,66	2,56	2,08	0,70
24,0	32	3,14	2,19	0,51	3,02	2,15	0,56	2,90	2,12	0,61	2,86	2,10	0,63	2,79	2,08	0,66	2,67	2,04	0,71

Heating

·50· Hz ·220-240· V

AFR	10,4

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
15,0	1,43	0,44	1,72	0,47	2,00	0,49	2,30	0,64	3,10	0,67	3,37	0,70
20,0	1,34	0,46	1,63	0,48	1,92	0,50	2,21	0,65	3,00	0,69	3,27	0,71
22,0	1,31	0,46	1,59	0,48	1,88	0,51	2,17	0,66	2,96	0,69	3,23	0,72
24,0	1,27	0,47	1,56	0,49	1,85	0,51	2,14	0,67	2,92	0,70	3,19	0,72
25,0	1,25	0,47	1,54	0,49	1,83	0,51	2,12	0,67	2,90	0,70	3,17	0,73
27,0	1,22	0,47	1,51	0,50	1,79	0,52	2,09	0,68	2,86	0,71	3,13	0,73

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. Ratings shown are net capacities which includea deduction for indoor fan motor heat.
2. ☐ shows nominal(rated) capacities and power input.
3. TC,PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
4. About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
5. Capacities are based on the following conditions.
   Corresponding refrigerant piping length : 5m
   Level difference : 0m
6. Air flow rate (AFR) and Bypass factor (BF) are tabu l ated above table.

3D121478A

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXP35M / RXP35M
FTXP35M9 / RXP35M

Cooling ·50· Hz ·230· V

AFR	11,5
BF	0,23

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
14,0	20	3,59	2,69	0,77	3,42	2,61	0,85	3,26	2,53	0,91	3,19	2,50	0,94	3,10	2,45	0,99	2,93	2,37	1,06
16,0	22	3,75	2,65	0,78	3,58	2,57	0,85	3,42	2,49	0,92	3,36	2,47	0,95	3,26	2,42	0,99	3,10	2,35	1,07
18,0	25	3,91	2,78	0,78	3,75	2,71	0,86	3,58	2,64	0,92	3,52	2,61	0,95	3,42	2,57	1,00	3,26	2,50	1,07
19,0	27	3,99	2,93	0,78	3,83	2,86	0,86	3,66	2,80	0,92	3,60	2,77	0,95	3,50	2,73	1,00	3,34	2,67	1,08
22,0	30	4,23	2,83	0,79	4,07	2,77	0,87	3,90	2,71	0,93	3,84	2,69	0,96	3,74	2,65	1,01	3,58	2,59	1,08
24,0	32	4,39	2,76	0,80	4,23	2,70	0,87	4,07	2,65	0,94	4,00	2,63	0,97	3,90	2,59	1,01	3,74	2,54	1,09

Heating ·50· Hz ·230· V

AFR	11,5

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
15,0	1,90	0,64	2,29	0,67	2,67	0,71	3,07	0,92	4,14	0,97	4,50	1,01
20,0	1,79	0,66	2,17	0,69	2,56	0,72	2,95	0,95	4,00	1,00	4,36	1,03
22,0	1,74	0,67	2,12	0,70	2,51	0,73	2,90	0,95	3,94	1,00	4,31	1,04
24,0	1,69	0,67	2,08	0,71	2,46	0,74	2,85	0,96	3,89	1,01	4,25	1,05
25,0	1,67	0,68	2,05	0,71	2,44	0,74	2,83	0,97	3,86	1,02	4,22	1,05
27,0	1,62	0,68	2,01	0,72	2,39	0,75	2,78	0,98	3,81	1,03	4,17	1,06

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.
   Rated operating frequency [Hz]
3. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m-
   Level difference: ·0·m
4. The air flow rate and bypass factor are mentioned in the table.

3D122036A

FTXP50M / RXP50M

Cooling ·50· Hz ·230· V

AFR	16,3
BF	0,27

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
14,0	20	5,12	3,71	1,06	4,89	3,59	1,17	4,66	3,47	1,27	4,56	3,42	1,31	4,42	3,35	1,37	4,19	3,24	1,46
16,0	22	5,35	3,64	1,07	5,12	3,53	1,17	4,89	3,42	1,27	4,79	3,38	1,32	4,65	3,31	1,38	4,42	3,20	1,47
18,0	25	5,58	3,80	1,07	5,35	3,70	1,18	5,12	3,59	1,28	5,02	3,55	1,32	4,88	3,49	1,38	4,65	3,39	1,48
19,0	27	5,70	3,99	1,08	5,47	3,89	1,18	5,23	3,79	1,28	5,14	3,75	1,33	5,00	3,70	1,39	4,77	3,60	1,48
22,0	30	6,04	3,85	1,09	5,81	3,76	1,19	5,58	3,67	1,29	5,49	3,63	1,33	5,35	3,58	1,39	5,11	3,50	1,49
24,0	32	6,27	3,74	1,09	6,04	3,66	1,20	5,81	3,58	1,30	5,72	3,55	1,34	5,58	3,50	1,39	5,34	3,42	1,50

Heating ·50· Hz ·230· V

AFR	17,3

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
15,0	2,86	1,02	3,43	1,07	4,01	1,12	4,58	1,47	6,21	1,54	6,75	1,60
20,0	2,68	1,04	3,26	1,10	3,83	1,15	4,41	1,50	6,00	1,58	6,54	1,63
22,0	2,61	1,06	3,19	1,11	3,76	1,16	4,34	1,52	5,92	1,59	6,46	1,65
24,0	2,54	1,07	3,12	1,12	3,69	1,17	4,27	1,53	5,83	1,61	6,38	1,66
25,0	2,51	1,07	3,08	1,13	3,66	1,18	4,23	1,54	5,79	1,61	6,33	1,67
27,0	2,43	1,08	3,01	1,14	3,59	1,19	4,17	1,55	5,71	1,63	6,25	1,68

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.
   Rated operating frequency [Hz]
3. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
4. The air flow rate and bypass factor are mentioned in the table.

3D120340

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXP60M / RXP60M

Cooling ·50· Hz ·230· V

AFR	16,8
BF	0,27

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
14,0	20	6,15	4,35	1,40	5,87	4,20	1,53	5,59	4,05	1,67	5,48	4,00	1,72	5,31	3,91	1,81	5,03	3,77	1,95
16,0	22	6,42	4,27	1,41	6,14	4,13	1,55	5,86	4,00	1,68	5,75	3,94	1,73	5,59	3,86	1,81	5,31	3,73	1,95
18,0	25	6,70	4,44	1,42	6,42	4,31	1,56	6,14	4,18	1,69	6,03	4,13	1,75	5,86	4,05	1,82	5,58	3,93	1,96
19,0	27	6,84	4,65	1,42	6,56	4,52	1,56	6,28	4,40	1,69	6,17	4,35	1,75	6,00	4,28	1,82	5,72	4,16	1,97
22,0	30	7,25	4,47	1,43	6,97	4,36	1,57	6,69	4,25	1,70	6,58	4,21	1,76	6,41	4,14	1,83	6,14	4,04	1,98
24,0	32	7,53	4,34	1,45	7,25	4,24	1,58	6,97	4,14	1,71	6,86	4,10	1,77	6,69	4,04	1,85	6,41	3,94	1,98

Heating ·50· Hz ·230· V

AFR	17,9

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
15,0	3,33	1,24	4,01	1,31	4,68	1,37	5,35	1,79	7,24	1,89	7,87	1,95
20,0	3,13	1,28	3,80	1,34	4,47	1,40	5,14	1,83	7,00	1,93	7,63	1,99
22,0	3,05	1,29	3,72	1,35	4,39	1,42	5,06	1,85	6,90	1,95	7,54	2,01
24,0	2,96	1,30	3,64	1,37	4,31	1,43	4,98	1,87	6,81	1,96	7,44	2,03
25,0	2,92	1,31	3,59	1,37	4,27	1,44	4,94	1,88	6,76	1,97	7,39	2,04
27,0	2,84	1,32	3,51	1,39	4,18	1,45	4,85	1,89	6,66	1,99	7,29	2,05

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.
   Rated operating frequency [Hz]
3. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
4. The air flow rate and bypass factor are mentioned in the table.

3D120341

FTXP71M / RXP71M

Cooling ·50· Hz ·230· V

AFR	16,8
BF	0,27

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
14,0	20	7,28	5,14	2,07	6,95	4,97	2,26	6,61	4,79	2,46	6,48	4,73	2,54	6,28	4,62	2,67	5,95	4,46	2,87
16,0	22	7,60	5,05	2,08	7,27	4,88	2,28	6,93	4,73	2,48	6,80	4,66	2,56	6,61	4,56	2,67	6,28	4,41	2,87
18,0	25	7,93	5,25	2,10	7,60	5,10	2,30	7,27	4,94	2,49	7,14	4,88	2,57	6,93	4,79	2,69	6,60	4,65	2,89
19,0	27	8,09	5,50	2,10	7,76	5,34	2,30	7,43	5,20	2,49	7,30	5,14	2,57	7,10	5,06	2,69	6,77	4,92	2,90
22,0	30	8,58	5,28	2,12	8,25	5,15	2,31	7,92	5,02	2,51	7,79	4,98	2,59	7,58	4,89	2,71	7,27	4,78	2,92
24,0	32	8,91	5,13	2,13	8,58	5,01	2,33	8,25	4,89	2,53	8,12	4,85	2,61	7,92	4,78	2,72	7,58	4,66	2,92

Heating ·50· Hz ·230· V

AFR	17,9

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
15,0	3,90	1,65	4,70	1,74	5,48	1,82	6,26	2,38	8,48	2,52	9,22	2,60
20,0	3,67	1,70	4,45	1,78	5,24	1,86	6,03	2,44	8,20	2,57	8,94	2,65
22,0	3,57	1,72	4,36	1,80	5,14	1,89	5,92	2,46	8,08	2,60	8,83	2,68
24,0	3,47	1,73	4,26	1,82	5,05	1,90	5,83	2,49	7,98	2,61	8,72	2,70
25,0	3,42	1,74	4,21	1,82	5,00	1,92	5,79	2,50	7,92	2,62	8,66	2,72
27,0	3,33	1,76	4,11	1,85	4,90	1,93	5,69	2,52	7,80	2,65	8,54	2,73

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

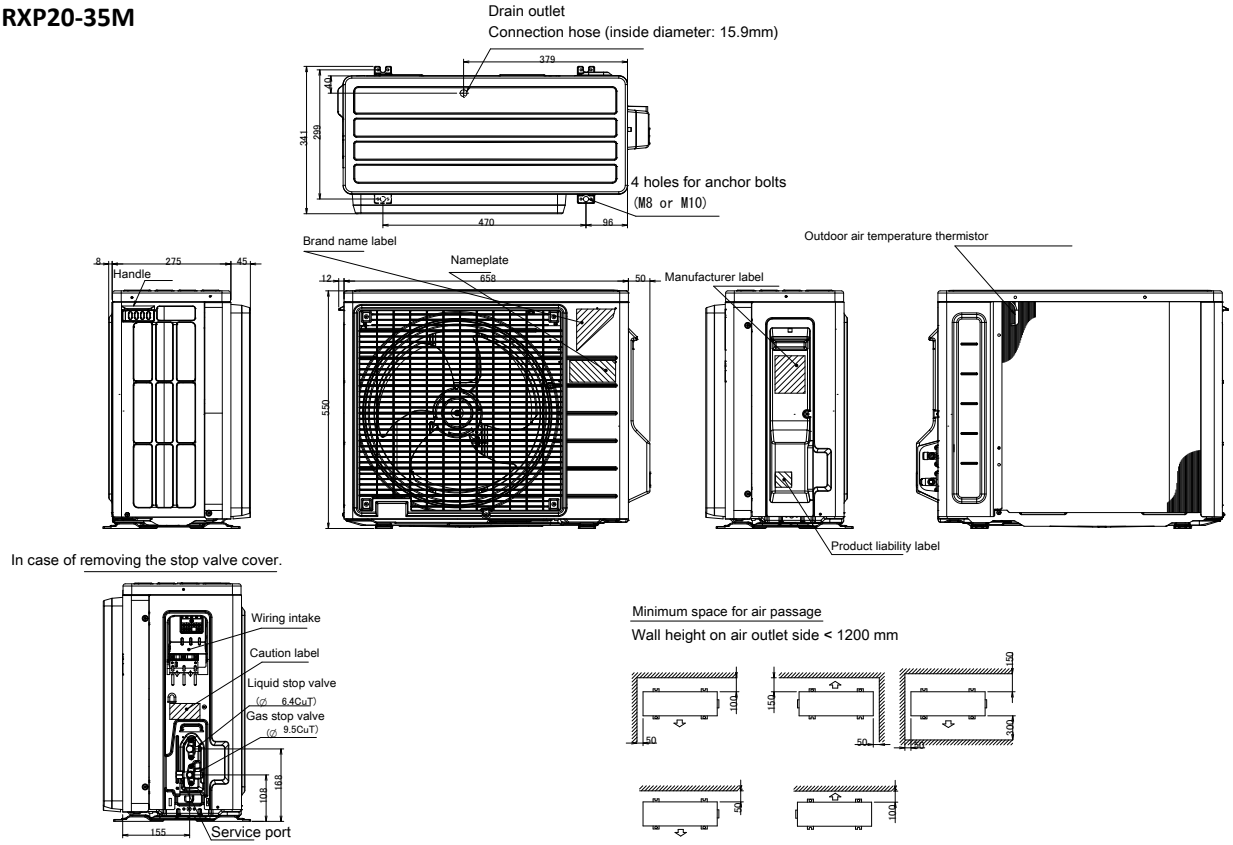
1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
   Rated operating frequency [Hz]
3. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
4. The air flow rate and bypass factor are mentioned in the table.

3D120342

5 Dimensional drawings

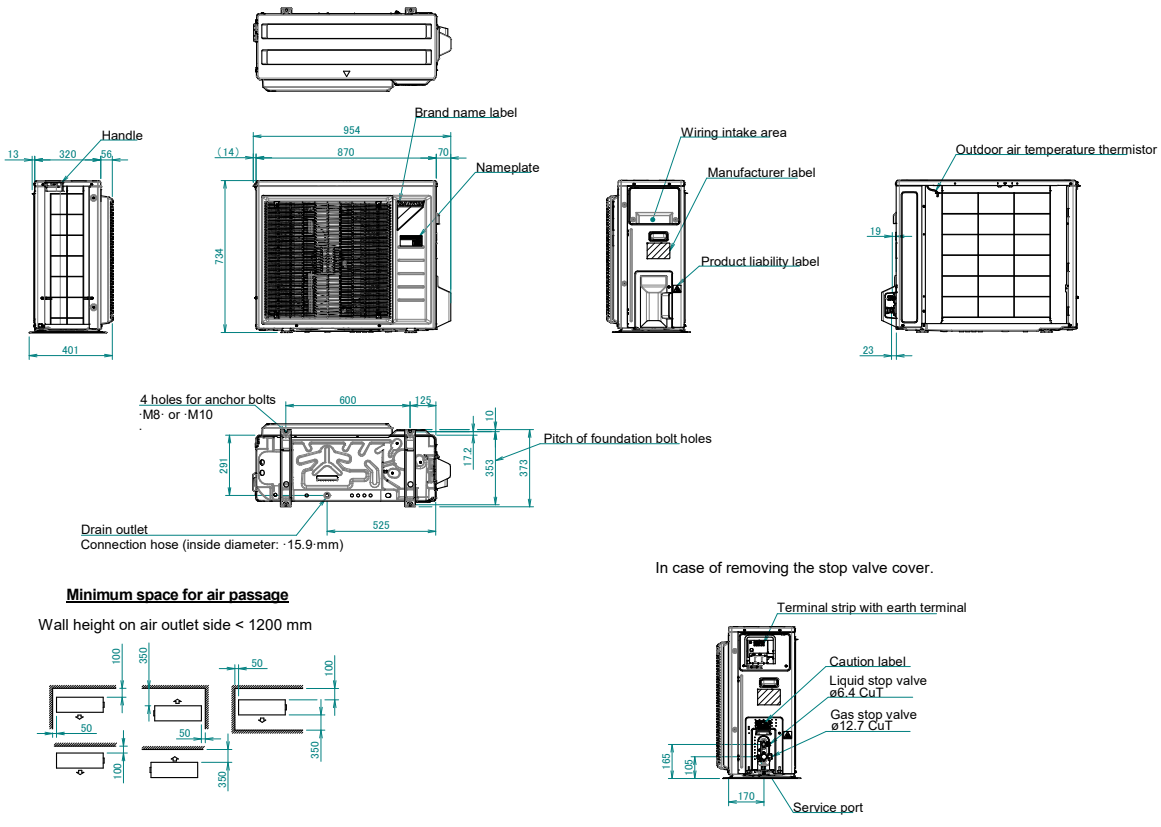
5 - 1 Dimensional Drawings

RXP20-35M



2D113526

RXP50-71M

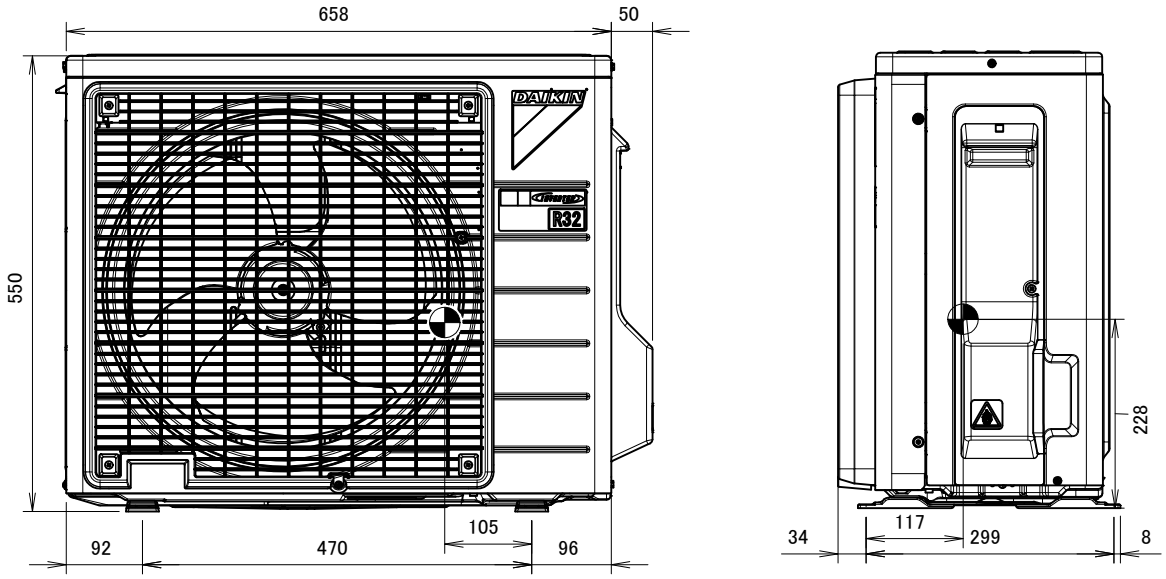


3D114108B

6 Centre of gravity

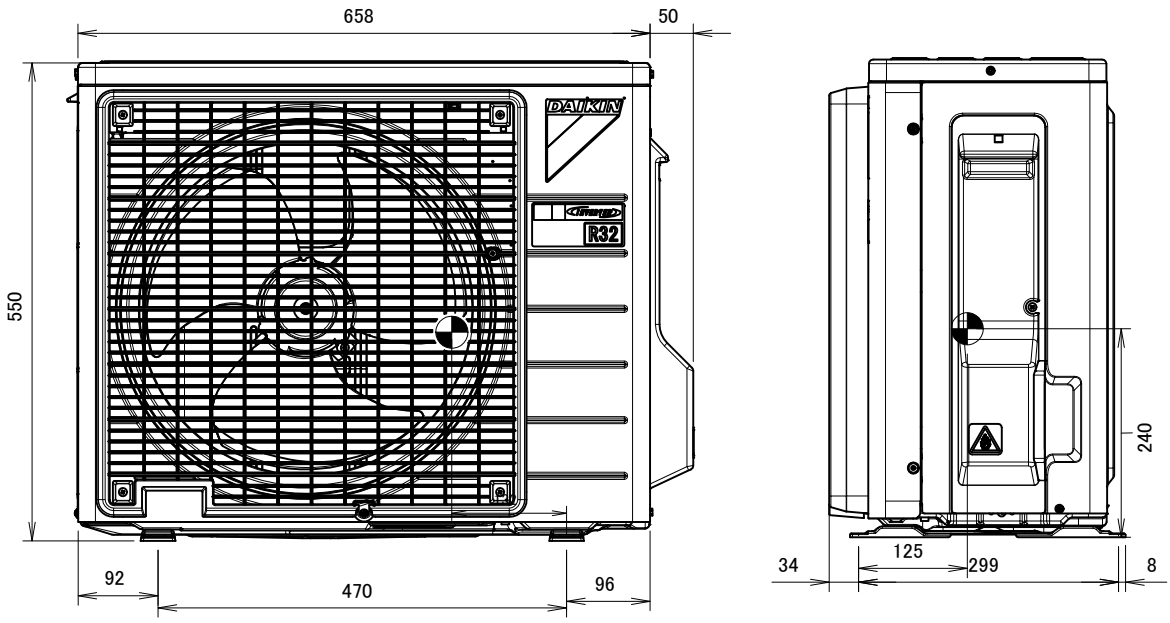
6 - 1 Centre of Gravity

RXP20-25M



4D116239

RXP35M

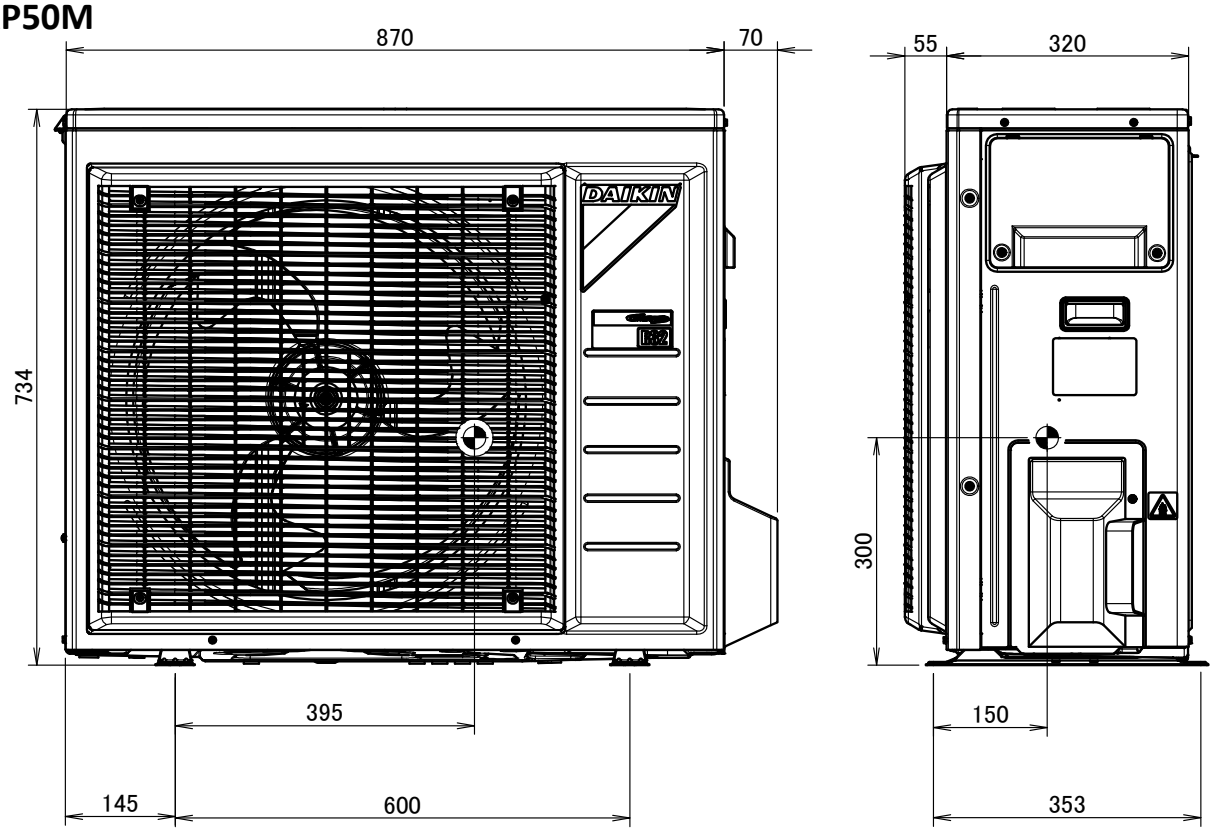


4D116242

6 Centre of gravity

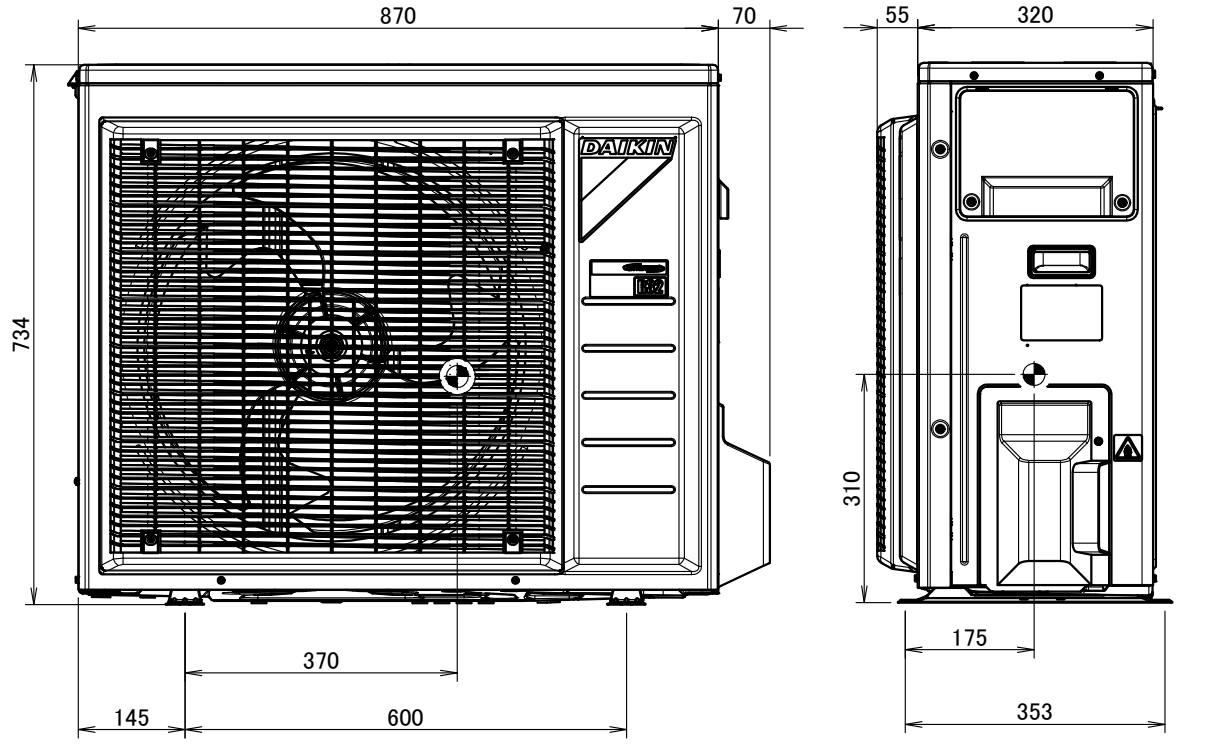
6 - 1 Centre of Gravity

RXP50M



4D114820

RXP60-71M

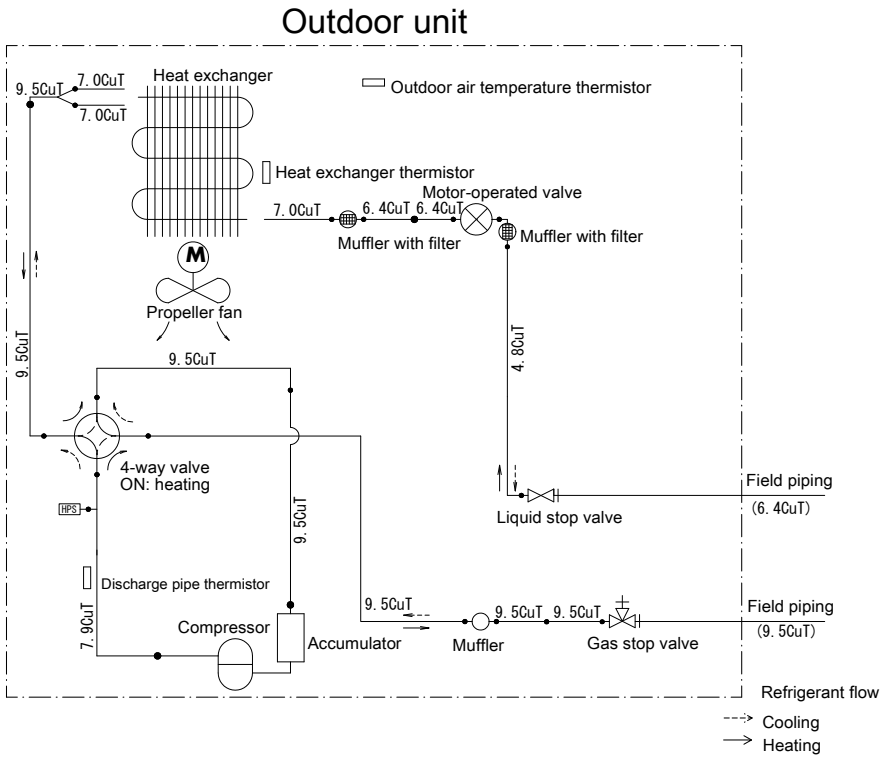


4D114824

7 Piping diagrams

7 - 1 Piping Diagrams

RXP20-25M



3D116254

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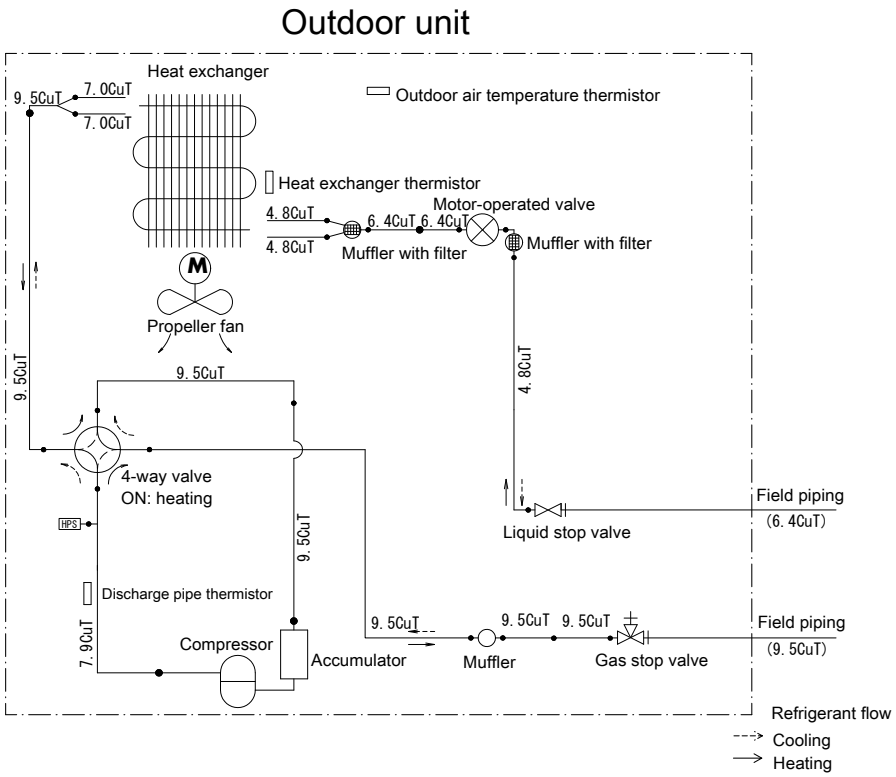
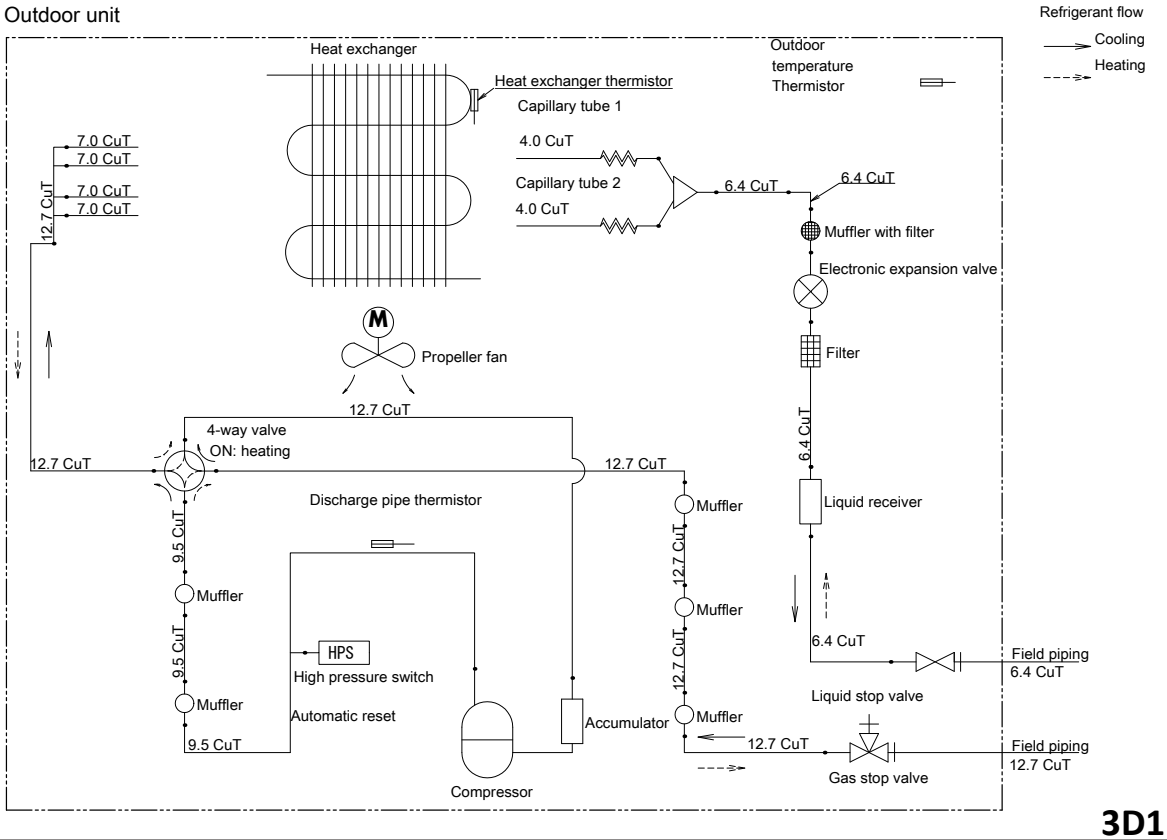


3D114612A

7 Piping diagrams

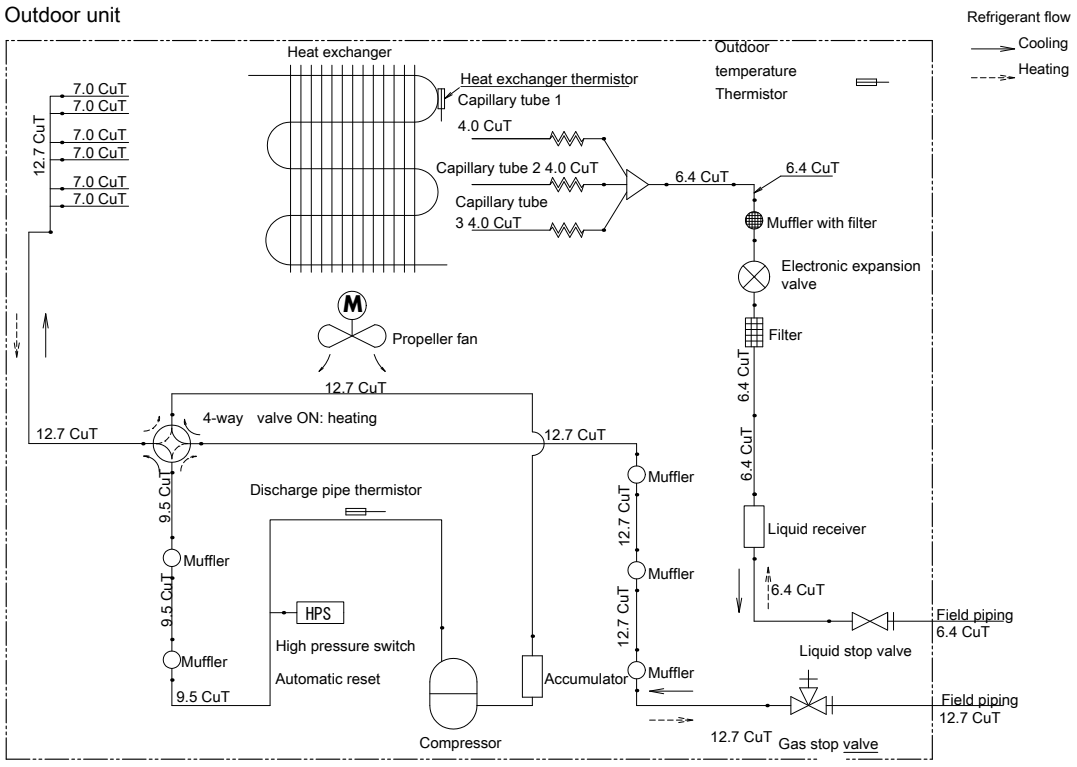
7 - 1 Piping Diagrams

RXP50M



3D114451

RXP60-71M



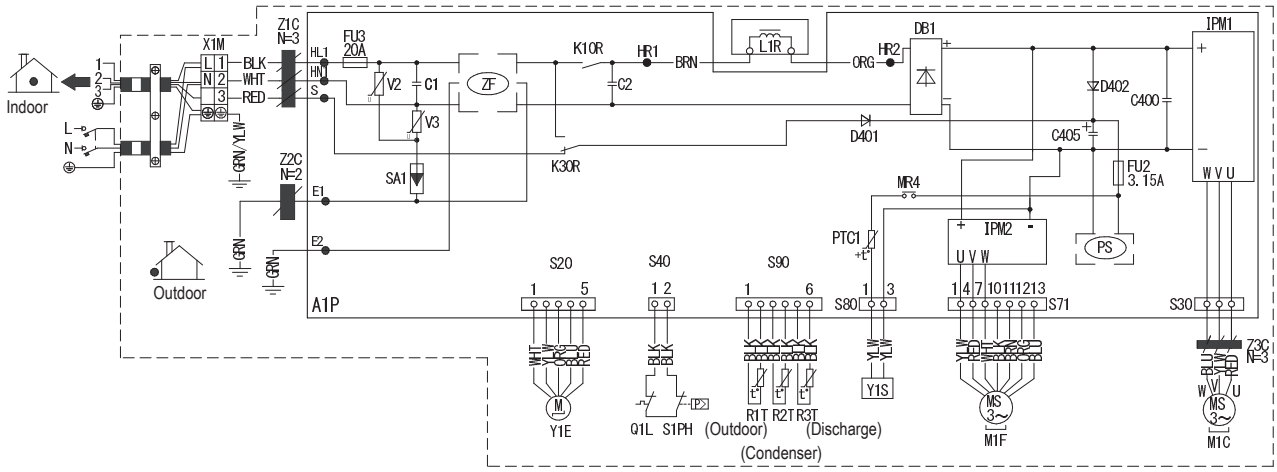
3D114450

8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

RXP20-35M

Wiring diagram



C1, C2, C400, C405	Capacitor
HL1, HN1, S, E1, E2, HR1, HR2	Connection
D401, D402	Diode
DB1	Diode bridge
FU2, FU3	Fuse
IPM1, IPM2	Intelligent power module
L1R	Reactor
M1C	Compressor motor
M1F	Fan motor
K30R, K10R, MR4	Magnetic relay
A1P	Printed circuit board
PS	Switching power supply
Q1L	Overload protector
R1T, R2T, R3T	Thermistor
S1PH	High pressure switch
SA1	Surge arrester
S20, S30, S40, S71, S80, S90	Connector
V2, V3	Varistor
X1M	Terminal strip
Y1S	Reversing solenoid valve coil
PTC1	Thermistor PTC
Y1E	Electronic expansion valve coil
Z1C, Z2C, Z3C	Ferrite core
ZF	Noise filter

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

: Protective earth

: Earth

: Field wiring

NOTES

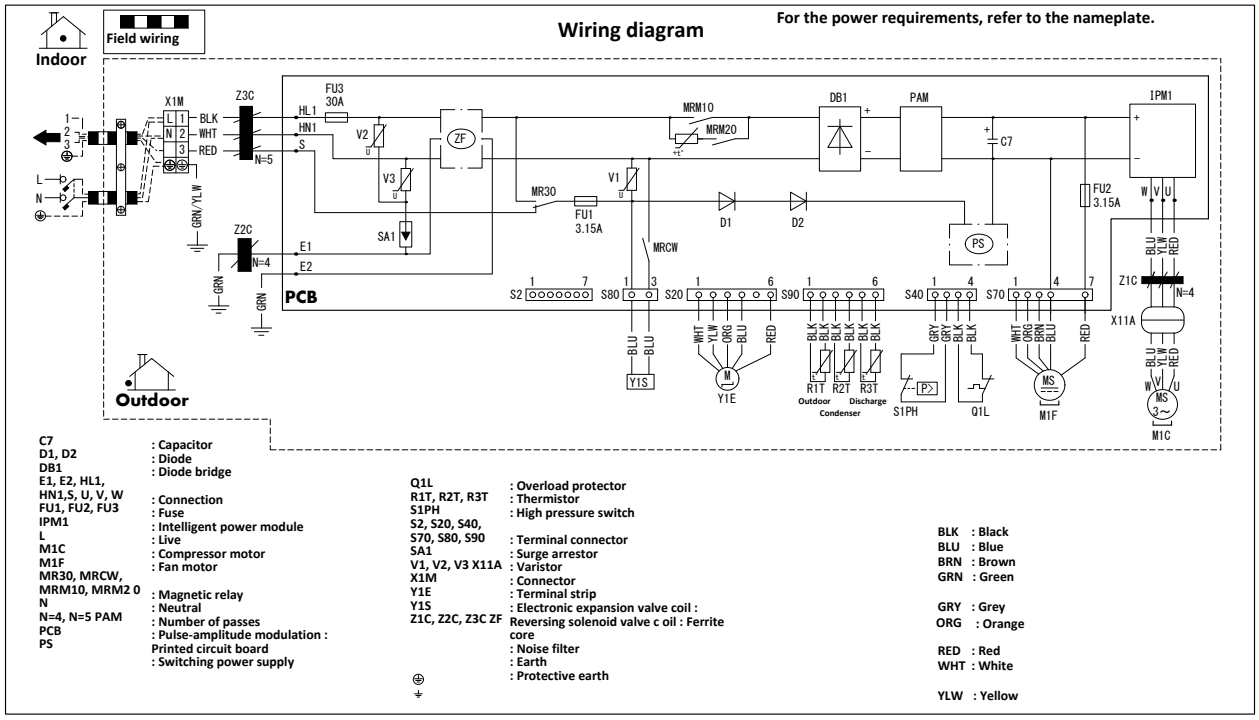
1. Refer to the nameplate for the power requirements.

3D114611A

8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

RXP50-71M



C7	: Capacitor	Q1L	: Overload protector	BLK	: Black
D1, D2	: Diode	R1T, R2T, R3T	: Thermistor	BLU	: Blue
DB1	: Diode bridge	S1PH	: High pressure switch	BRN	: Brown
E1, E2, HL1, HN1,S, U, V, W	: Connection	S2, S20, S40, S70, S80, S90	: Terminal connector	GRN	: Green
FU1, FU2, FU3	: Fuse	SA1	: Surge arrestor	GRY	: Grey
IPM1	: Intelligent power module	V1, V2, V3 X11A	: Varistor	ORG	: Orange
L	: Live	X1M	: Connector	RED	: Red
M1C	: Compressor motor	Y1E	: Terminal strip	WHT	: White
M1F	: Fan motor	Y1S	: Electronic expansion valve coil :	YLW	: Yellow
MR30, MRCW, MRM10, MRM2 0	: Magnetic relay	Z1C, Z2C, Z3C ZF	Reversing solenoid valve c oil : Ferrite core		
N	: Neutral		: Noise filter		
N=4, N=5 PAM	: Number of passes		: Earth		
PCB	: Pulse-amplitude modulation : Printed circuit board		: Protective earth		
PS	: Switching power supply				

Notes:

1. Size: 105 x 185
2. Refer to purchasing specification AS(Y)303002, unless otherwise specified.

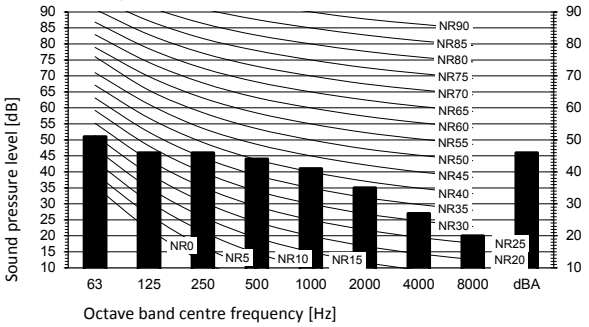
3D114452A

9 Sound data

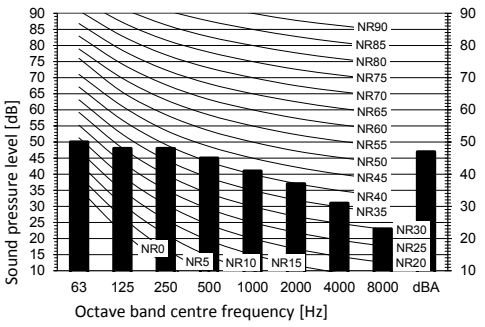
9 - 1 Sound Pressure Spectrum

RXP20M

Cooling mode



Heating mode



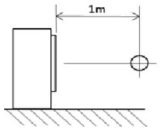
Legend

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

A Scale

B High Fan speed

Location of microphone



Cooling	Total dB
A	B
dBA	46

Heating	Total dB
A	B
dBA	47

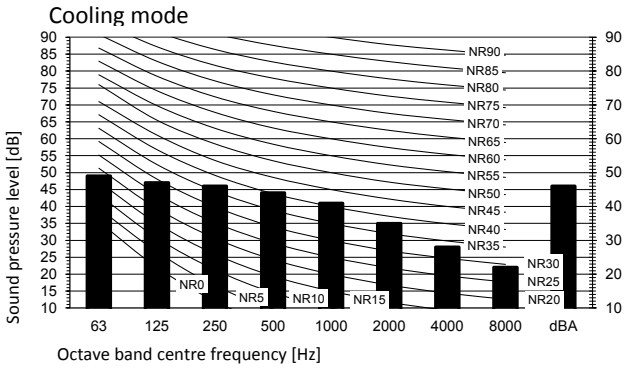
Notes

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

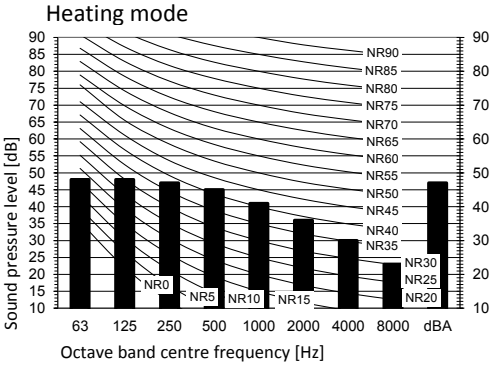
3D092072D

RXP25M

Cooling mode



Heating mode



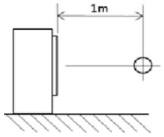
Legend

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

A Scale

B High Fan speed

Location of microphone



Cooling	Total dB
A	B
dBA	46

Heating	Total dB
A	B
dBA	47

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

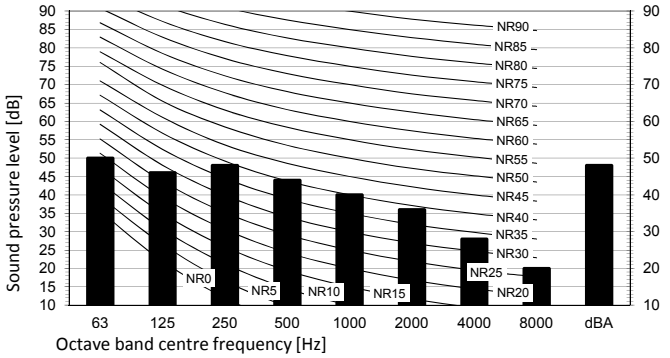
3D092073D

9 Sound data

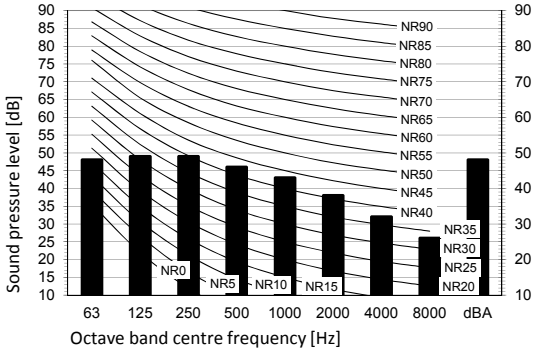
9 - 1 Sound Pressure Spectrum

RXP35M

Cooling mode



Heating mode



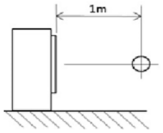
Legend

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

A Scale

B High Fan speed

Location of microphone



Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	48

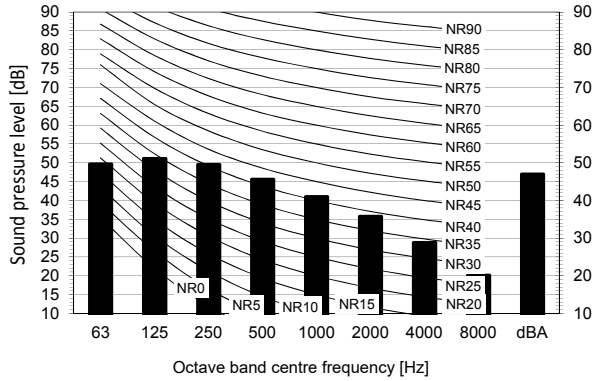
Notes

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

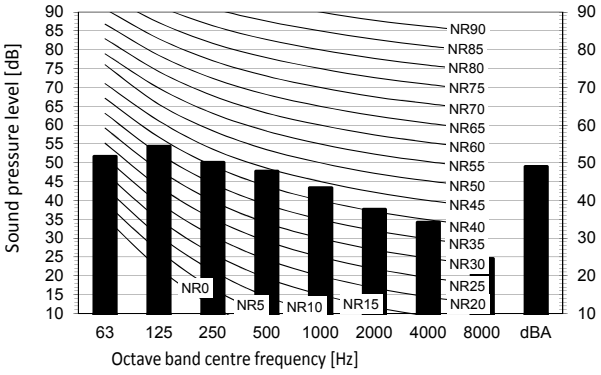
3D092074D

RXP50M

Cooling mode



Heating mode



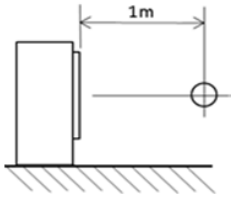
Legend

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

A Scale

B Fan speed: High

Location of microphone



Cooling Total dB

A	B
dBA	47

Heating Total dB

A	B
dBA	49

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

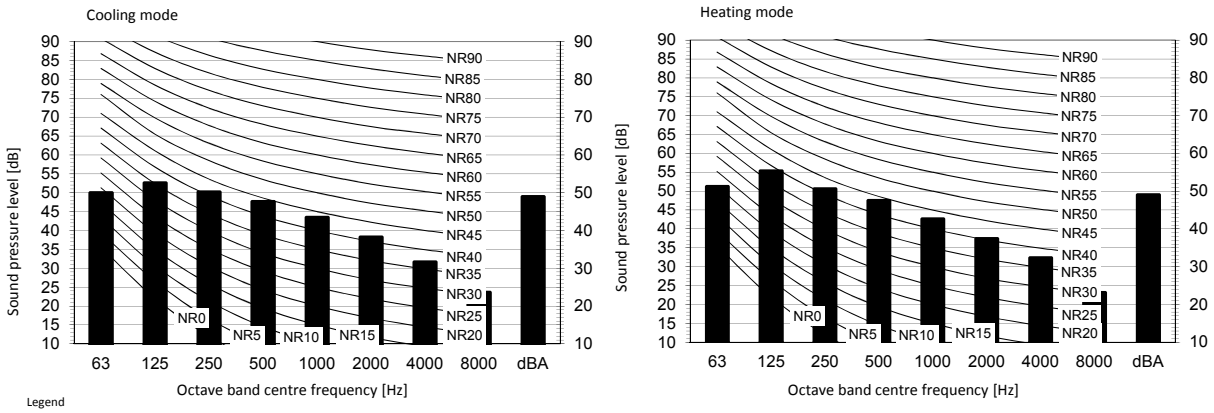
3D115238

9 Sound data

9 - 1 Sound Pressure Spectrum

9

RXP60M



Legend

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

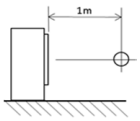
A Scale

B Fan speed: High

Cooling	Total dB
A	B
dBA	49

Heating	Total dB
A	B
dBA	49

Location of microphone

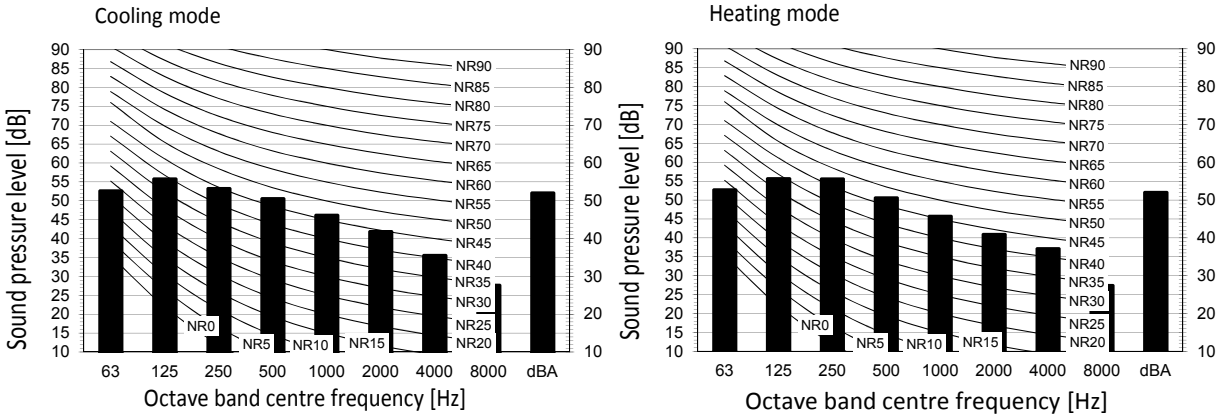


Notes

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

3D115239

RXP71M



Legend

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

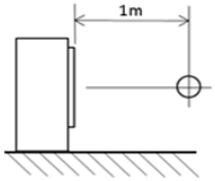
A Scale

B Fan speed: High

Cooling	Total dB
A	B
dBA	52

Heating	Total dB
A	B
dBA	52

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

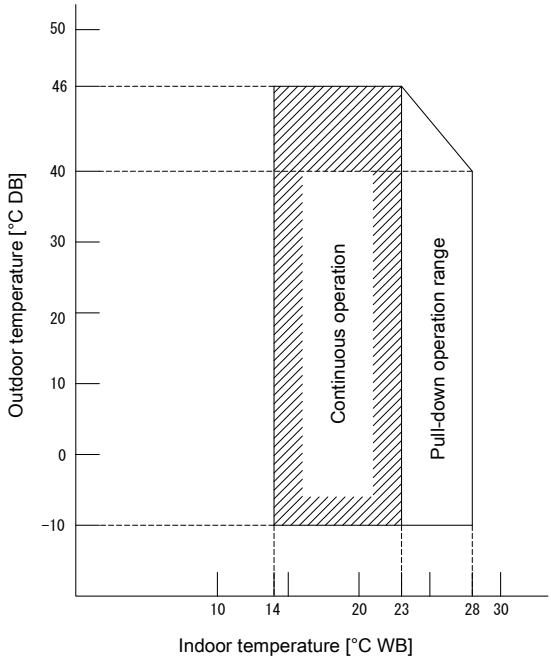
3D115240

10 Operation range

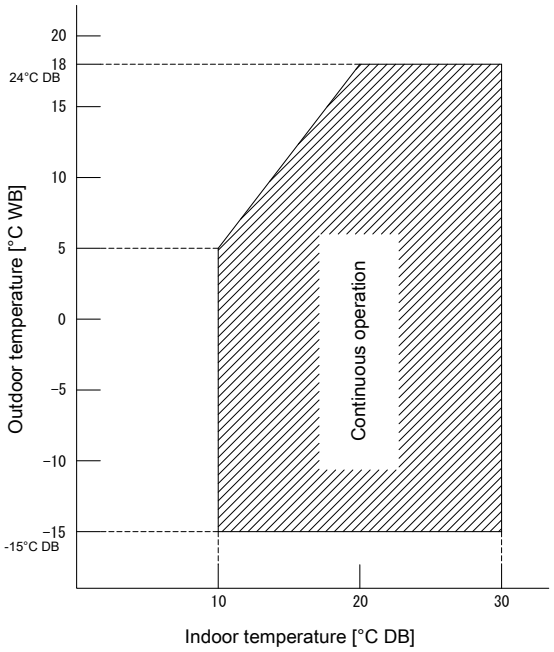
10 - 1 Operation Range

RXP-M

Cooling



Heating



Notes

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

3D100846D

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