



Air Conditioning Technical Data RXF-E



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RXF-E

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1 Features

1 - 1 RXF-E

- › Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- › Daikin outdoor units are equipped with an anti-corrosion treated heat exchanger (blue fin) which ensures greater resistance to the most severe weather conditions
- › Outdoor units for pair application
- › 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

1

Inverter

2 Specifications

2 - 1 Specifications

Technical specifications				FTXF20E + RXF20E	FTXF25E + RXF25E	FTXF35E + RXF35E	FTXF42E + RXF42E
Indoor unit				FTXF20E5V1B	FTXF25E5V1B	FTXF35E5V1B	FTXF42E5V1B
Outdoor unit				RXF20E5V1B	RXF25E5V1B	RXF35E5V1B	RXF42E5V1B
Cooling capacity	Min.	kW		13			1.4
		Btu/h		4,400.0			4,800.0
		kcal/h		1,180			1,204.0
	Nom.	kW	2.00	2.50	3.30	4.20	
		Btu/h	6,800.0	8,500.0	11,300	14,300	
		kcal/h	1,720.0	2,150.0	2,838.0	3,611.0	
	Max.	kW	2.4	2.8	3.8	4.3	
		Btu/h	8,200.0	9,600.0	12,800.0	14,700.0	
		kcal/h	2,064.0	2,408.0	3,224.0	3,697.0	
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.	kcal/h					-
	Max.	kcal/h					-
Heating capacity	Min.	kW	130			1.40	
		Btu/h	4,400.0			4,800.0	
		kcal/h	1,180			1,204.0	
	Nom.	kW	2.40	2.80	3.50	4.60	
		Btu/h	8,200.0	9,600.0	11,900	15,700	
		kcal/h	2,064.0	2,408.0	3,010.0	3,955.0	
	Max.	kW	3.30	3.70	4.40	5.00	
		Btu/h	11,300.0	12,600.0	15,000.0	17,100.0	
		kcal/h	2,838.0	3,181.0	3,783.0	4,300.0	
Power input	Cooling	Min.	kW	0.31			
		Nom.	kW	0.592	0.772	1.00	1.27
		Max.	kW	0.72	1.05	1.40	1.50
	Heating	Min.	kW	0.25			
		Nom.	kW	0.640	0.750	0.940	1.24
		Max.	kW	0.95	1.11	1.50	1.40
Nominal efficiency	EER		3.38	3.24	3.30		
	COP		3.75	3.73	3.72	3.71	
	Energy labeling Directive	Cooling Heating					A A
Space cooling	Energy efficiency class		A++				
	Capacity Pdesign	kW	2.00	2.50	3.50	4.20	
	SEER		6.50				
Annual energy consumption		kWh/a	108	135	188	226	
Space heating (Average climate)	Capacity Pdesign	kW	2.20	2.40	2.60	3.30	
	Energy efficiency class		A+				
	SCOP/A		4.20			4.30	
	SCOPnet/A		4.25			4.36	
	Pdh Heating capacity at -10°	kW	186	197	2.21	2.61	
	Annual energy consumption	kWh/a	733	801	867	1,075	
	Required back up heating cap at design conditions	kW	0.340	0.430	0.390	0.690	
	Capacity Pdesignh	kW	1.18	1.29	1.40	1.78	
Space heating (Warm climate)	Energy efficiency class		A+++				
	SCOP		5.20	5.22	5.26	5.25	
	SCOPnet		5.50		5.59	5.61	
	Annual energy consumption	kWh/a	318	346	373	475	
	Required back up heating cap at design conditions	kW	0.00				
	Space cooling	A Condi- tion (35°C - 27/19)	Pdc	kW	2.00	2.50	3.50
EERd Power input			kW	3.38	3.24	3.10	3.30
B Condi- tion (30°C - 27/19)		Pdc	kW	1.47	1.84	2.58	3.09
		EERd Power input	kW	5.41	4.79	4.64	4.70
C Condi- tion (25°C - 27/19)		Pdc	kW	0.272	0.395	0.556	0.657
		EERd Power input	kW	1.14	1.18	1.66	1.99
D Condi- tion (20°C - 27/19)		Pdc	kW	8.52	8.41	8.55	7.91
		EERd Power input	kW	0.134	0.137	0.194	0.242
		Pdc	kW	130		132	135
		EERd Power input	kW	117		118	119
		Pdc	kW	0.111		0.112	0.113

2 Specifications

2 - 1 Specifications

Technical specifications					FTXF20E + RXF20E	FTXF25E + RXF25E	FTXF35E + RXF35E	FTXF42E + RXF42E		
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15					
		Pdh (declared heating cap)	kW	171		2.05	2.10			
		COPd (declared COP)		2.55		2.00	2.06			
		Power input	kW	0.670		103	102			
	TBivalent	Tbiv (bivalent temperature)		°C	-7.0					
		Pdh (declared heating cap)	kW	195	2.12		2.30			
		COPd (declared COP)		2.69		2.60	2.66			
		Power input	kW	0.725	0.788		0.885	1.10		
	A Con- dition (-7°C)	Pdh (declared heating cap)		kW	195	2.12		2.30	2.92	
		COPd (declared COP)			2.69		2.60	2.66		
Power input		kW	0.725	0.771		0.875	1.08			
B Condi- tion (2°C)	Pdh (declared heating cap)		kW	1.18	1.29		1.40	1.78		
	COPd (declared COP)			4.20	4.18		4.44			
Space heating (Average climate)	B Condi- tion (2°C)	Power input		kW	0.281	0.309		0.335	0.401	
		Pdh (declared heating cap)		kW	0.920		0.930	1.14		
	C Condi- tion (7°C)	COPd (declared COP)			5.66	5.62		5.65	5.42	
		Power input		kW	0.163	0.164		0.165	0.210	
	D Con- dition (12°C)	Pdh (declared heating cap)		kW	1.06		1.10			
		COPd (declared COP)			6.98	6.85		6.86	6.88	
	Power input		kW	0.152	0.155		0.160			
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15					
		Pdh (declared heating cap)	kW	171		2.05	2.10			
		COPd (declared COP)		2.55		2.00	2.06			
		Power input	kW	0.670		103	110			
	TBivalent	Tbiv (bivalent temperature)		°C	2					
		Pdh (declared heating cap)	kW	1.18	1.29		1.40	1.78		
		COPd (declared COP)		4.20	4.18		4.44			
		Power input	kW	0.281	0.309		0.335	0.401		
	B Condi- tion (2°C)	Pdh (declared heating cap)		kW	1.18	1.29		1.40	1.78	
		COPd (declared COP)			4.20	4.18		4.44		
	Power input		kW	0.281	0.309		0.335	0.401		
C Condi- tion (7°C)	Pdh (declared heating cap)		kW	0.920		0.930	1.14			
	COPd (declared COP)			5.66	5.62		5.65	5.42		
	Power input		kW	0.163	0.164		0.165	0.210		
D Con- dition (12°C)	Pdh (declared heating cap)		kW	1.06		1.10				
	COPd (declared COP)			6.98	6.85		6.86	6.88		
	Power input		kW	0.152	0.155		0.160			
Power consump- tion in other than active mode	Crank- case heater mode	PCK		W	0.00					
		Off mode POFF		W	100					
	Standby mode	Cooling PSB		W	100					
		Heating PSB		W	10					
	Thermo- stat-off mode	PTO	Cooling		W	23	24		29	40
Heating			W	23		29	40			
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	Yes		No		
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	60		61			
					53		54			
	Piping length		Cooling	Measuring con- dition	m	5.0				

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified |

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series | See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical Specifications					RXF20E	RXF25E	RXF35E	RXF42E	
Casing	Colour				Ivory white				
Dimensions	Unit	Height		mm	556				
		Width		mm	740				
		Depth		mm	343				
	Packed unit	Height		mm	630				
		Width		mm	790				
Depth		mm	400						
Weight	Unit			kg	24.0		28.0		
	Packed unit			kg	26		30		
Packing	Weight				kg		2		
Heat exchanger	Length				mm		670		
	Rows	Quantity				1		2	
	Fin pitch				mm		1.40		
	Stages	Quantity				24			
	Tube type						ø7 Hi-XD		
	Tube material						Copper		
	Fin Type						Waffle Hydrophilic Blue		
	Fan	Type						Propeller	
		Air flow rate	Cooling	High	m ³ /min	276		29.0	
cfm						975			
		Heating	High	m ³ /min	271		28.0		
	cfm				957				
Fan motor	Model						DFC03Z1VA		
	Insulation grade						Class "E"		
	Output				W		28		
	Speed	Cooling	High	rpm		760		820	
			Low	rpm				640	
		Heating	High	rpm		790		820	
Low			rpm				550		
Compressor	Model				1Y078BKAX1P#D		1Y091BKCX1P#G		
	Oil Amount				cm ³		400		
	Type						Hermetically sealed swing compressor		
	Output				W		700.0		
	Oil Type						FW68DA		
Operation range	Cooling	Ambient	Min.	°CDB		-10			
			Max.	°CDB		48			
Operation range	Heating	Ambient	Min.	°CWB		-15			
				°CDB		-15			
			Max.	°CWB		18			
				°CDB		24			
Sound power level	Heating	Nom.	dBA		60.0		62.0		
Sound pressure level	Cooling	High	dBA		46.0		48.0		
	Heating	High	dBA		47.0		48.0		
Refrigerant	Type						R-32		
	Charge				kg		0.420		
	GWP						675.0		
Piping connections	Liquid	OD	mm		6				
	Gas	OD	mm		9.50				
	Drain	OD	mm		18				
	Piping length	OU - IU	Max. m		20				
	Additional refrigerant charge				kg/m		0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max. m		12.0				
	Capacity control	Method						Variable (inverter)	

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Drain plug;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;

Electrical Specifications					RXF20E	RXF25E	RXF35E	RXF42E	
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	
Current - 50Hz	Maximum fuse amps (MFA)		A		16				

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

3 Electrical data

3 - 1 Electrical Data

3

FTXF-E / RXF-E ATXF-E / ARXF-E

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Indoor unit	Outdoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
FTXF20E5V1B	RXF20E5V1B	50	220	Maximum :50-Hz :264-V Minimum :50-Hz :198-V	8,02	16	43,0	3,2	0,024	0,171	0,029	0,41
		50	230					3,4				
		50	240					3,2				
FTXF25E5V1B	RXF25E5V1B	50	220	Maximum :50-Hz :264-V Minimum :50-Hz :198-V	8,09	16	54,0	3,5	0,033	0,235	0,029	0,41
		50	230					3,6				
		50	240					3,5				
FTXF35E5V1B	RXF35E5V1B	50	220	Maximum :50-Hz :264-V Minimum :50-Hz :198-V	9,30	16	75,0	4,5	0,033	0,235	0,037	0,52
		50	230					4,7				
		50	240					4,5				
FTXF42E5V1B	RXF42E5V1B	50	220	Maximum :50-Hz :264-V Minimum :50-Hz :198-V	9,38	16	86,0	5,5	0,030	0,229	0,050	0,60
		50	230					5,6				
		50	240					5,4				
ATXF20E5V1B	ARXF20E5V1B	50	220	Maximum :50-Hz :264-V Minimum :50-Hz :198-V	8,02	16	43,0	3,2	0,024	0,171	0,029	0,41
		50	230					3,4				
		50	240					3,2				
ATXF25E5V1B	ARXF25E5V1B	50	220	Maximum :50-Hz :264-V Minimum :50-Hz :198-V	8,09	16	54,0	3,5	0,033	0,235	0,029	0,41
		50	230					3,6				
		50	240					3,5				
ATXF35E5V1B	ARXF35E5V1B	50	220	Maximum :50-Hz :264-V Minimum :50-Hz :198-V	9,30	16	75,0	4,5	0,033	0,235	0,037	0,52
		50	230					4,7				
		50	240					4,5				
ATXF42E5V1B	ARXF42E5V1B	50	220	Maximum :50-Hz :264-V Minimum :50-Hz :198-V	9,38	16	86,0	5,5	0,030	0,229	0,050	0,60
		50	230					5,6				
		50	240					5,4				

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
- RHz: Rated operating frequency [Hz]
- FLA: Full Load Ampere [A]
- kW: Fan motor rated output [kW]

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4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXF20E / RXF20E

AFR	9,8
BF	0,22

Cooling · 220-240V 50Hz·

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	2,05	1,80	0,48	1,96	1,76	0,52	1,86	1,72	0,56	1,83	1,70	0,57	1,77	1,67	0,59	1,68	1,63	0,63
16	22	2,14	1,77	0,48	2,05	1,73	0,52	1,95	1,69	0,55	1,92	1,68	0,57	1,86	1,65	0,59	1,77	1,61	0,63
18	25	2,23	1,89	0,48	2,14	1,86	0,52	2,05	1,82	0,56	2,01	1,81	0,57	1,95	1,78	0,59	1,86	1,75	0,63
19	27	2,28	2,03	0,48	2,19	2,00	0,52	2,09	1,96	0,56	2,06	1,95	0,57	2,00	1,93	0,59	1,91	1,89	0,63
22	30	2,42	1,97	0,49	2,32	1,94	0,53	2,23	1,91	0,57	2,19	1,90	0,58	2,14	1,88	0,60	2,05	1,85	0,64
24	32	2,51	1,93	0,49	2,42	1,91	0,53	2,32	1,88	0,57	2,29	1,87	0,58	2,23	1,85	0,60	2,14	1,82	0,64

Heating · 220-240V 50Hz·

AFR	10,4
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Indoor air temperature [°C DB]	Outdoor air temperature [°C DB]											
	-15		-10		-5		0		6		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,09	0,41	1,33	0,42	1,57	0,44	1,82	0,60	2,46	0,63	2,71	0,65
20	1,02	0,42	1,26	0,43	1,50	0,47	1,74	0,61	2,40	0,64	2,63	0,66
22	0,99	0,42	1,23	0,44	1,47	0,47	1,71	0,61	2,37	0,65	2,59	0,67
24	0,96	0,42	1,20	0,44	1,44	0,48	1,68	0,63	2,33	0,65	2,56	0,67
25	0,94	0,43	1,18	0,44	1,42	0,48	1,66	0,63	2,31	0,66	2,54	0,67
27	0,91	0,43	1,15	0,47	1,39	0,48	1,64	0,63	2,28	0,66	2,51	0,68

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

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: ·5,0· m
Level difference: ·0· m
- The bold cells indicate the standard conditions.

Symbols

- TC: Total capacity [kW]
PI: Power input [kW]
SHC: Sensible heat capacity [kW]
AFR: Air flow rate [m³/min]
BF: Bypass factor

3D144299

FTXF25E / RXF25E

AFR	10,0
BF	0,22

Cooling · 220-240V 50Hz·

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	2,56	2,08	0,61	2,44	2,03	0,66	2,33	1,97	0,72	2,28	1,95	0,74	2,21	1,92	0,77	2,10	1,86	0,82
16	22	2,68	2,05	0,60	2,56	1,99	0,66	2,44	1,94	0,71	2,40	1,92	0,74	2,33	1,89	0,77	2,21	1,84	0,83
18	25	2,79	2,17	0,60	2,68	2,12	0,66	2,56	2,07	0,71	2,51	2,06	0,74	2,44	2,03	0,77	2,33	1,98	0,83
19	27	2,85	2,31	0,60	2,73	2,27	0,66	2,62	2,22	0,71	2,57	2,20	0,74	2,50	2,18	0,77	2,38	2,13	0,83
22	30	3,02	2,24	0,62	2,91	2,20	0,67	2,79	2,16	0,73	2,74	2,14	0,75	2,67	2,12	0,78	2,56	2,08	0,83
24	32	3,14	2,19	0,61	3,02	2,15	0,66	2,90	2,12	0,72	2,86	2,10	0,75	2,79	2,08	0,78	2,67	2,04	0,84

Heating · 220-240V 50Hz·

AFR	10,4
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Indoor air temperature [°C DB]	Outdoor air temperature [°C DB]											
	-15		-10		-5		0		6		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,33	0,48	1,61	0,51	1,87	0,53	2,15	0,70	2,89	0,73	3,15	0,76
20	1,25	0,50	1,52	0,52	1,79	0,54	2,06	0,71	2,80	0,75	3,05	0,77
22	1,22	0,50	1,48	0,52	1,75	0,55	2,03	0,72	2,76	0,75	3,01	0,78
24	1,19	0,51	1,46	0,53	1,73	0,55	2,00	0,73	2,73	0,76	2,98	0,78
25	1,17	0,51	1,44	0,53	1,71	0,55	1,98	0,73	2,71	0,76	2,96	0,79
27	1,14	0,51	1,41	0,54	1,67	0,57	1,95	0,74	2,67	0,77	2,92	0,79

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

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: ·5,0· m
Level difference: ·0· m
- The bold cells indicate the standard conditions.

Symbols

- TC: Total capacity [kW]
PI: Power input [kW]
SHC: Sensible heat capacity [kW]
AFR: Air flow rate [m³/min]
BF: Bypass factor

3D144309

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXF35E / RXF35E

AFR	11,5
BF	0,23

Cooling · 220-240V 50Hz·

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	3,38	2,54	0,76	3,22	2,46	0,84	3,07	2,39	0,91	3,01	2,36	0,94	2,92	2,31	0,99	2,76	2,23	1,06
16	22	3,54	2,50	0,77	3,38	2,42	0,84	3,22	2,35	0,92	3,17	2,33	0,95	3,07	2,28	0,99	2,92	2,22	1,07
18	25	3,69	2,62	0,77	3,54	2,56	0,85	3,38	2,49	0,92	3,32	2,46	0,95	3,22	2,42	1,00	3,07	2,36	1,07
19	27	3,76	2,76	0,77	3,61	2,70	0,85	3,45	2,64	0,92	3,39	2,61	0,95	3,30	2,57	1,00	3,15	2,52	1,08
22	30	3,99	2,67	0,78	3,84	2,61	0,86	3,68	2,56	0,93	3,62	2,54	0,96	3,53	2,50	1,01	3,38	2,44	1,08
24	32	4,14	2,60	0,79	3,99	2,55	0,86	3,84	2,50	0,94	3,77	2,48	0,97	3,68	2,44	1,01	3,53	2,39	1,09

Heating · 220-240V 50Hz·

AFR	11,9
-----	------

Indoor air temperature [°C DB]	Outdoor air temperature [°C DB]											
	-15		-10		-5		0		6		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,66	0,60	2,00	0,63	2,34	0,67	2,69	0,87	3,62	0,92	3,94	0,95
20	1,57	0,62	1,90	0,65	2,24	0,68	2,58	0,90	3,50	0,94	3,82	0,97
22	1,52	0,63	1,86	0,66	2,20	0,69	2,54	0,90	3,45	0,94	3,77	0,98
24	1,48	0,63	1,82	0,67	2,15	0,70	2,49	0,91	3,40	0,95	3,72	0,99
25	1,46	0,64	1,79	0,67	2,14	0,70	2,48	0,92	3,38	0,96	3,69	0,99
27	1,42	0,64	1,76	0,68	2,09	0,71	2,43	0,92	3,33	0,97	3,65	1,00

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

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: ·5,0· m
Level difference: ·0·m
- The bold cells indicate the standard conditions.

Symbols

- TC: Total capacity [kW]
- PI: Power input [kW]
- SHC: Sensible heat capacity [kW]
- AFR: Air flow rate [m³/min]
- BF: Bypass factor

3D144310

FTXF42E / RXF42E

AFR	12,6
BF	0,23

Cooling · 220-240V 50Hz·

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	4,17	3,14	1,04	4,02	3,07	1,11	3,86	3,01	1,19	3,80	2,98	1,22	3,71	2,93	1,26	3,56	2,87	1,34
16	22	4,38	3,09	1,04	4,22	3,02	1,11	4,07	2,97	1,19	4,00	2,94	1,22	3,91	2,90	1,26	3,76	2,85	1,34
18	25	4,57	3,24	1,05	4,41	3,19	1,12	4,26	3,14	1,20	4,19	3,11	1,23	4,10	3,08	1,27	3,94	3,03	1,35
19	27	4,66	3,42	1,05	4,51	3,37	1,12	4,35	3,33	1,20	4,29	3,30	1,23	4,20	3,27	1,27	4,05	3,24	1,35
22	30	4,95	3,31	1,06	4,80	3,26	1,13	4,64	3,23	1,21	4,58	3,21	1,24	4,49	3,18	1,28	4,34	3,13	1,36
24	32	5,14	3,23	1,06	4,99	2,19	1,13	4,83	3,15	1,21	4,77	3,14	1,24	4,68	3,10	1,28	4,53	3,07	1,36

Heating · 220-240V 50Hz·

AFR	12,8
-----	------

Indoor air temperature [°C DB]	Outdoor air temperature [°C DB]											
	-15		-10		-5		0		6		10	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,18	0,79	2,63	0,83	3,08	0,88	3,54	1,15	4,76	1,21	5,18	1,25
20	2,06	0,82	2,50	0,86	2,94	0,90	3,39	1,19	4,60	1,24	5,02	1,28
22	2,00	0,83	2,44	0,87	2,89	0,91	3,34	1,19	4,53	1,24	4,95	1,29
24	1,95	0,83	2,39	0,88	2,83	0,92	3,27	1,20	4,47	1,25	4,89	1,31
25	1,92	0,84	2,35	0,88	2,81	0,92	3,26	1,21	4,44	1,27	4,85	1,31
27	1,87	0,84	2,31	0,90	2,75	0,94	3,19	1,21	4,38	1,28	4,80	1,32

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

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: ·5,0· m
Level difference: ·0·m
- The bold cells indicate the standard conditions.

Symbols

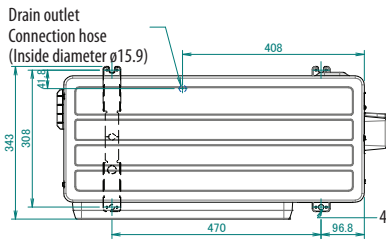
- TC: Total capacity [kW]
- PI: Power input [kW]
- SHC: Sensible heat capacity [kW]
- AFR: Air flow rate [m³/min]
- BF: Bypass factor

3D144311

5 Dimensional drawings

5 - 1 Dimensional Drawings

ARXP-N
ARXF-E
RXF-E

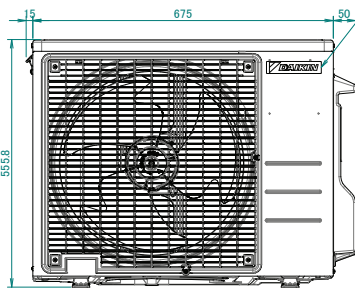
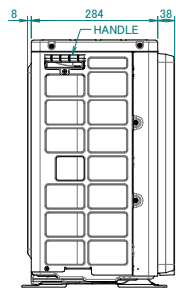


NOTATION

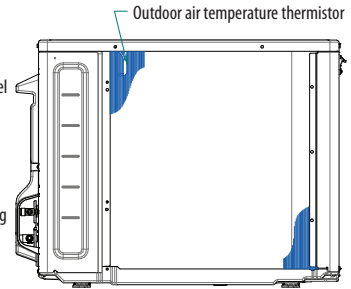
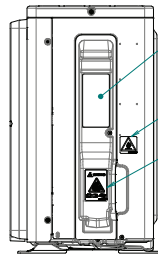
1- brand name label details can be seen below.

Daikin brand label: 3P698070-1

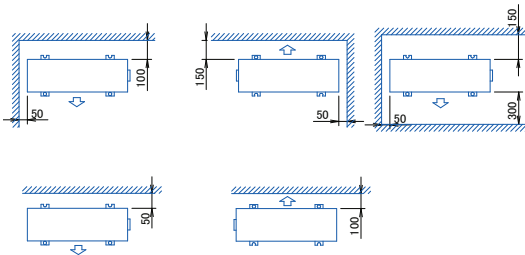
Siesta brand label: 3P698070-3



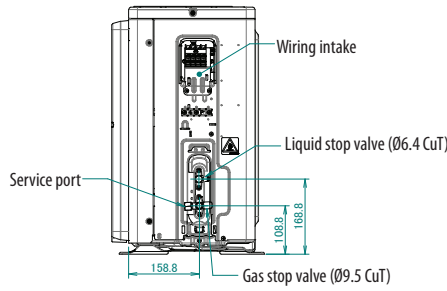
4 holes for anchor bolts (M8 or M10)



Minimum space for air passage
Wall height on air outlet side < 1200 mm



In case of removing the stop valve cover.



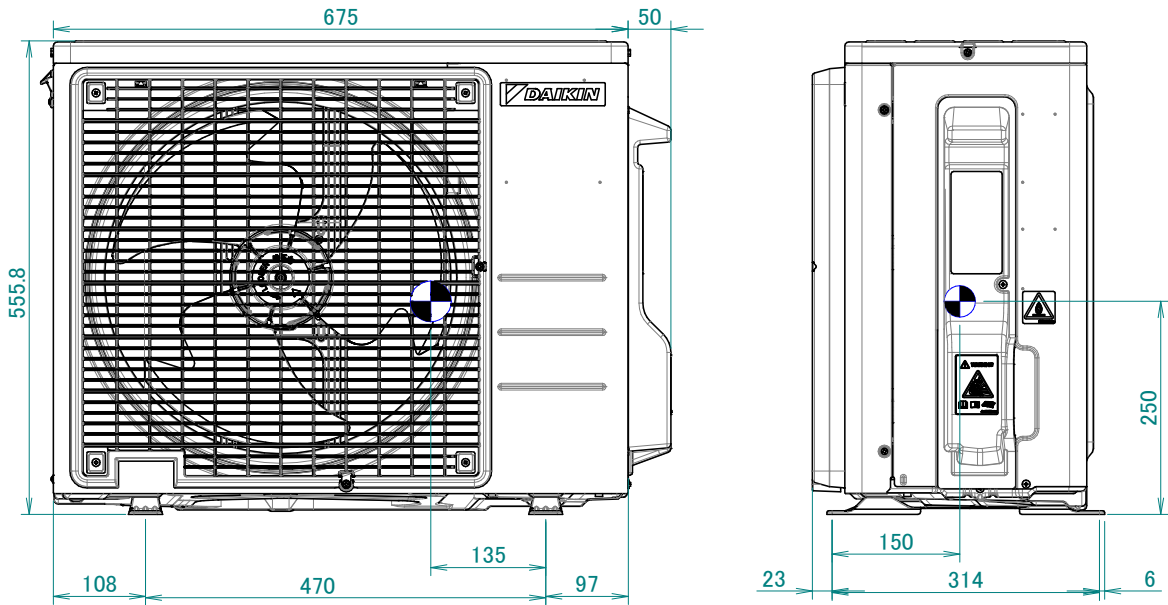
2D143507

6 Centre of gravity

6 - 1 Centre of Gravity

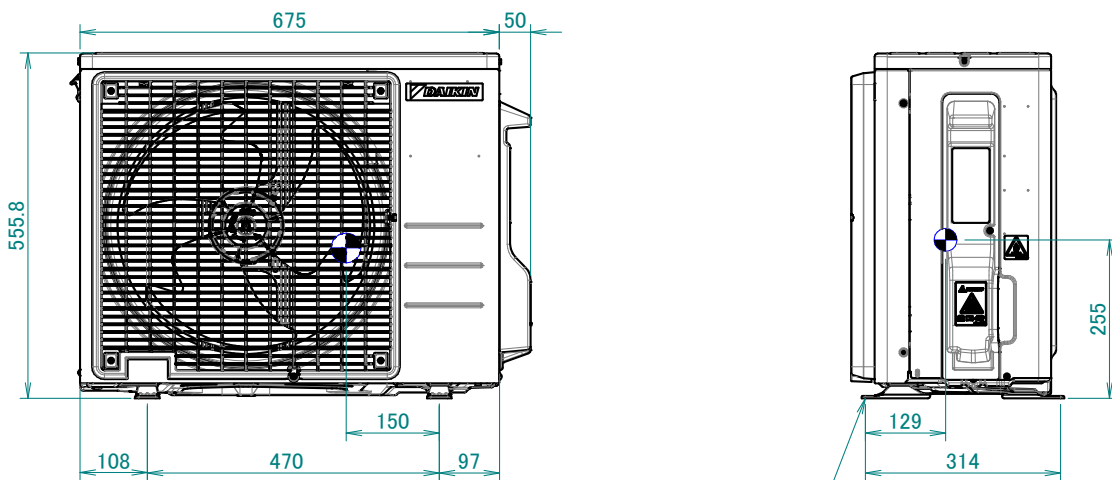
6

ARXP20-25N
ARXF20-35E
RXF20-35E



4D144283

RXF42E
ARXF42E



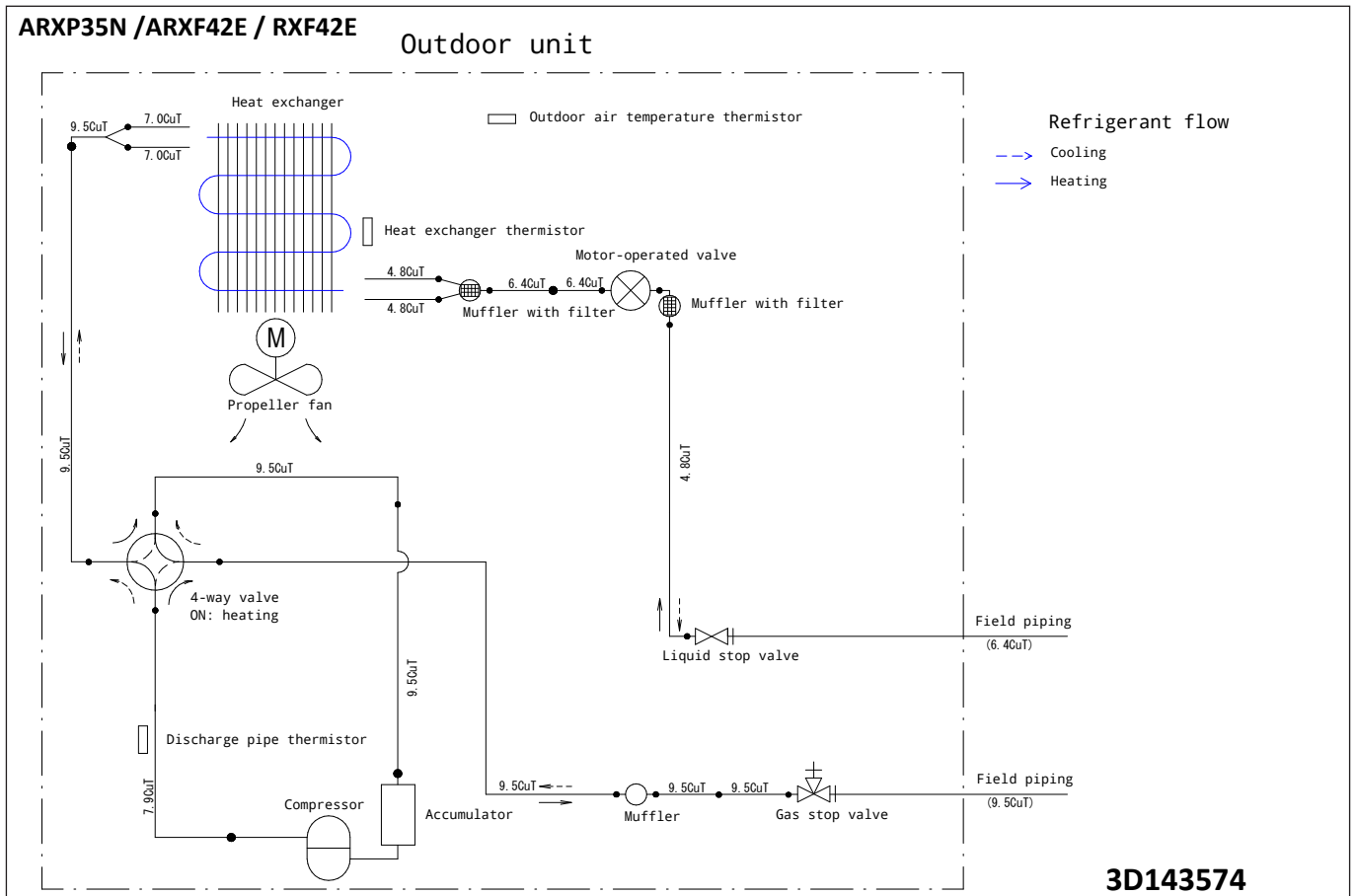
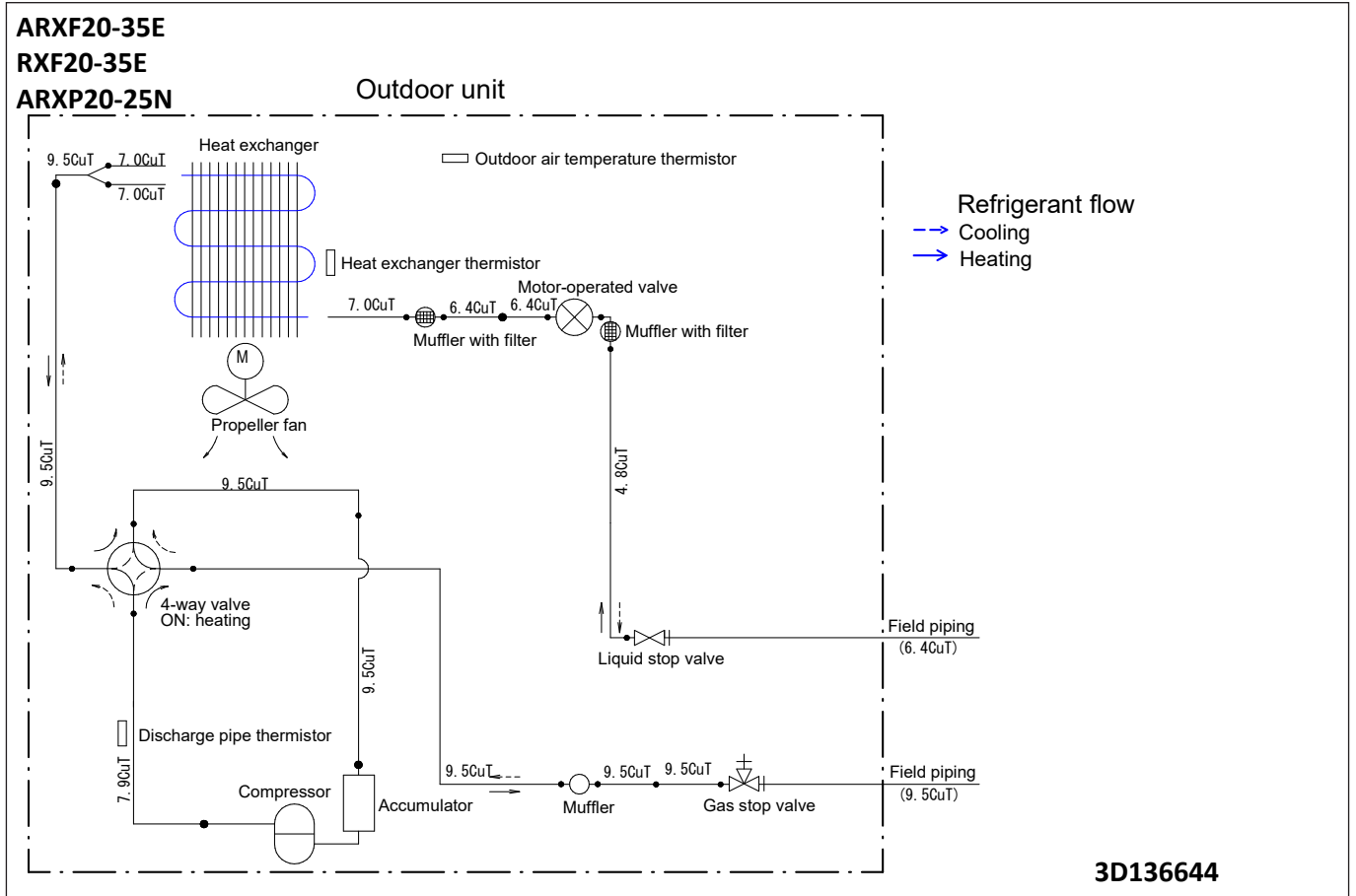
Foundation bolt hole

4D144285

7 Piping diagrams

7 - 1 Piping Diagrams

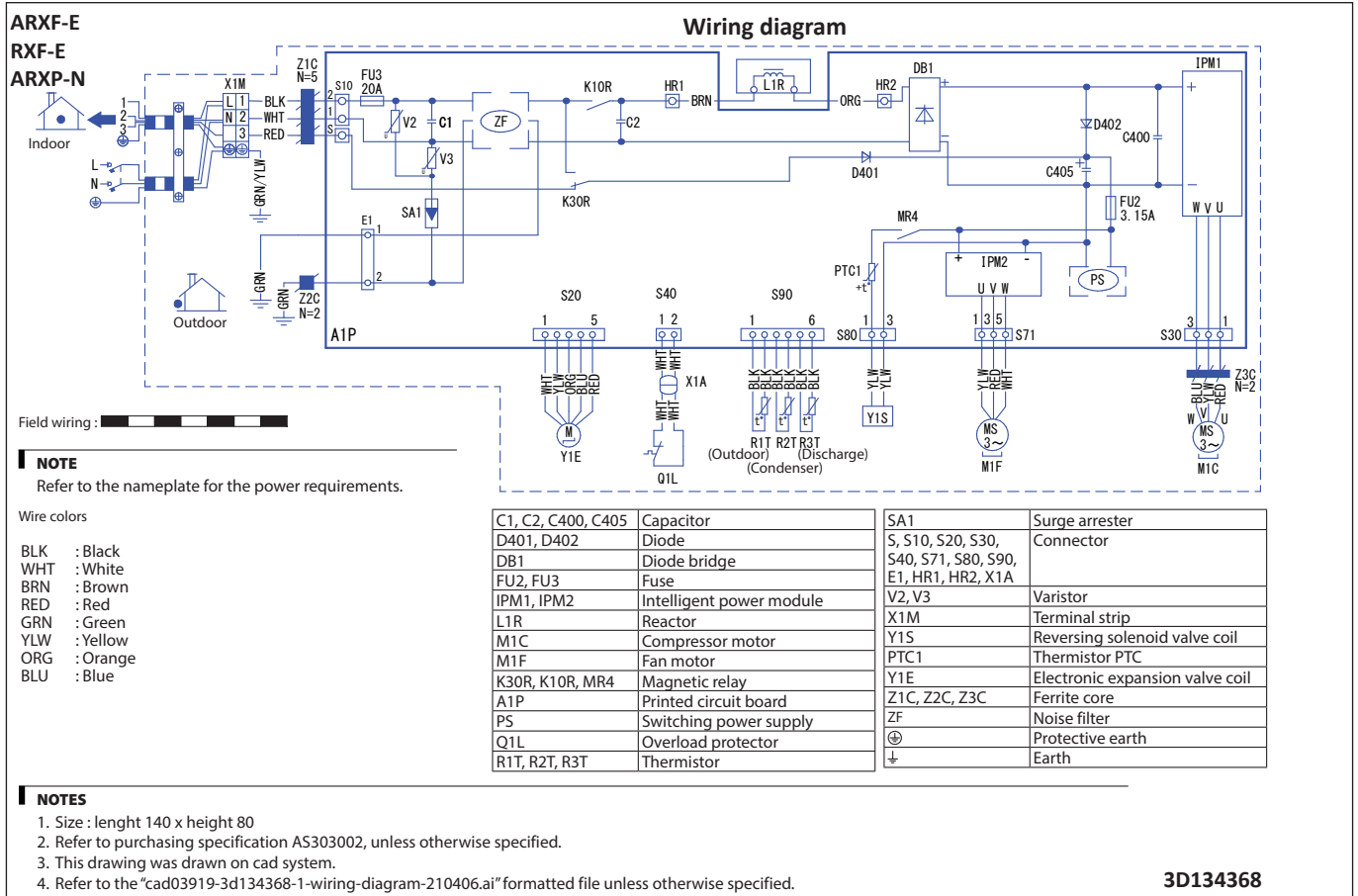
7



8 Wiring diagrams

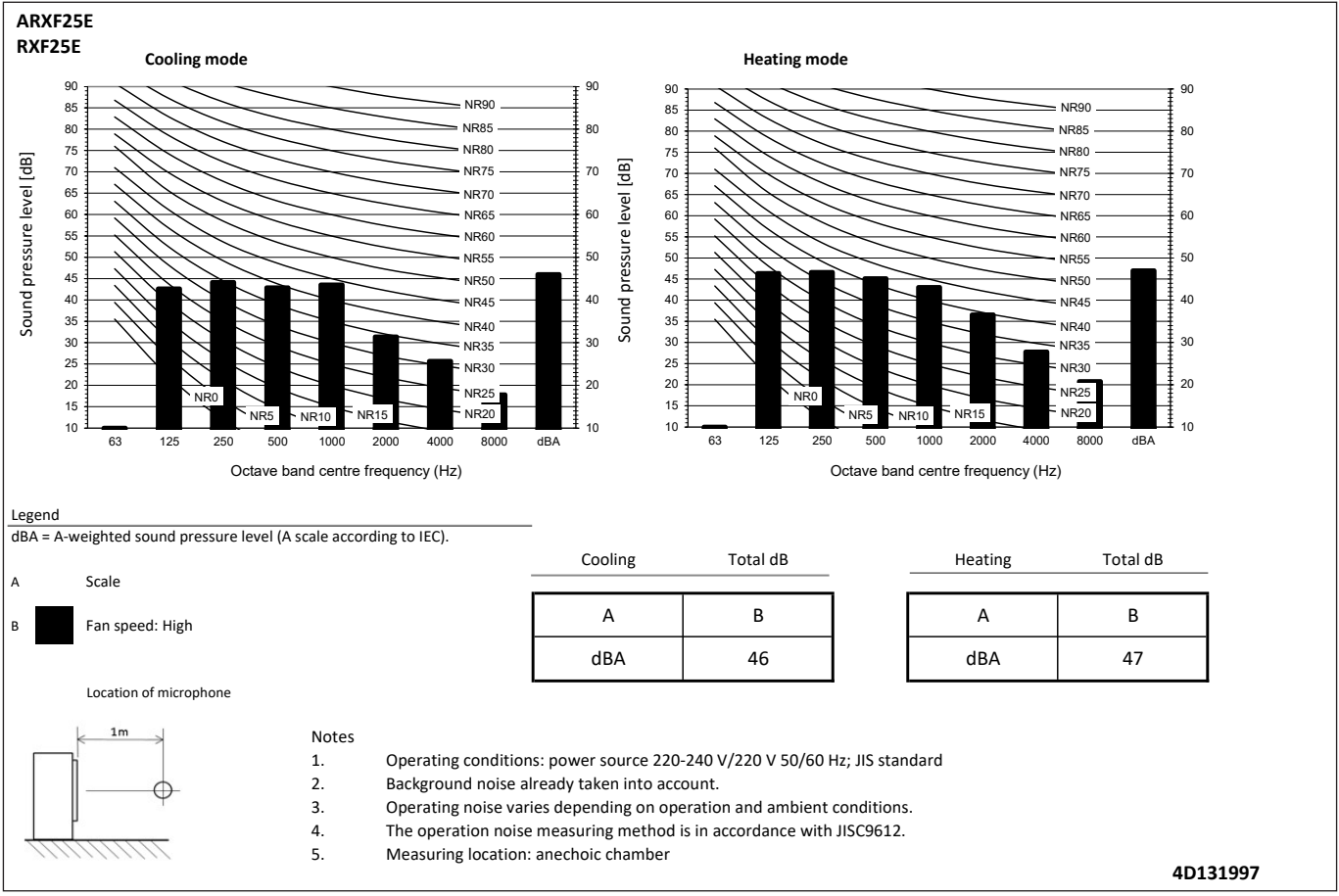
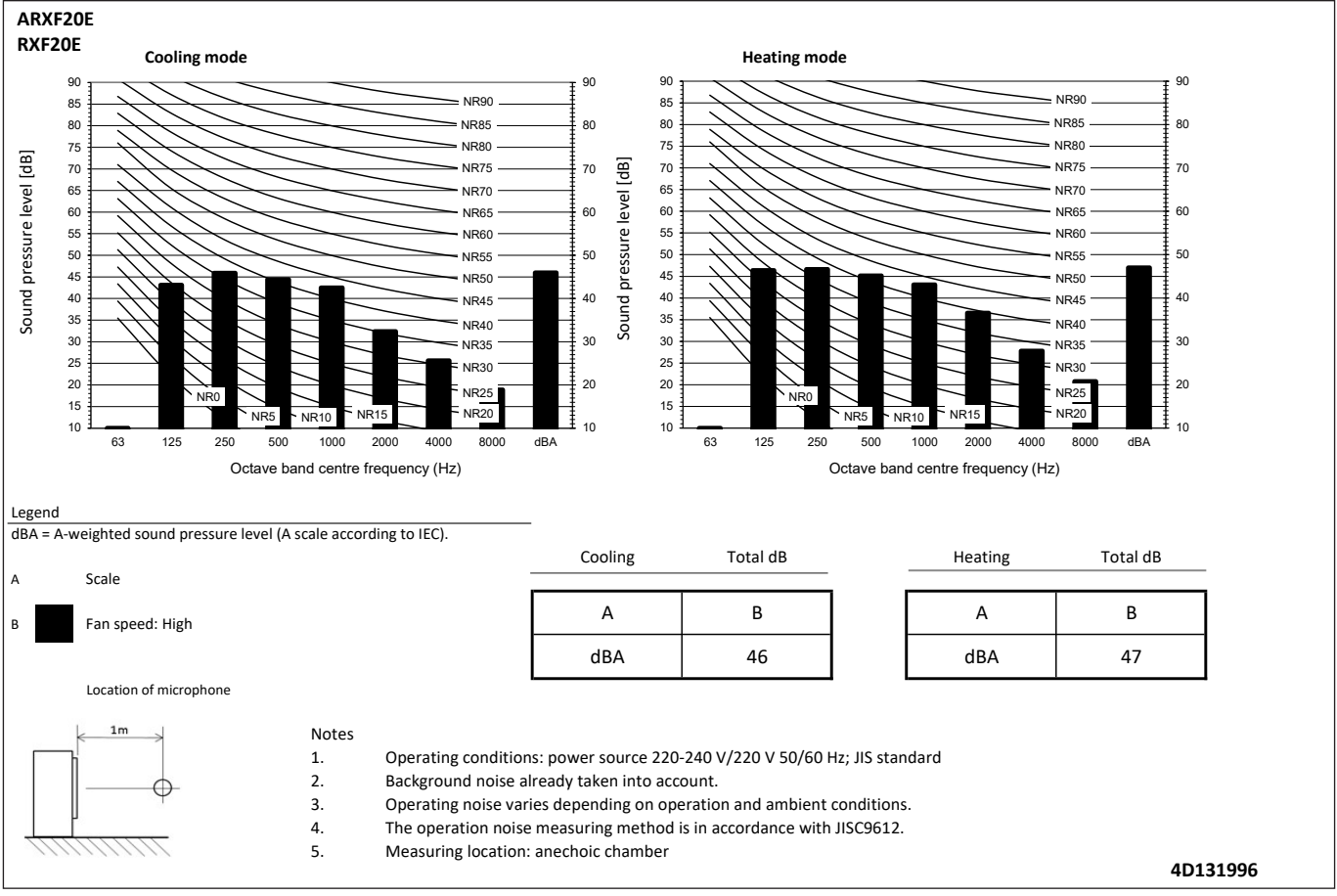
8 - 1 Wiring Diagrams - Three Phase

8



9 Sound data

9 - 1 Sound Pressure Spectrum

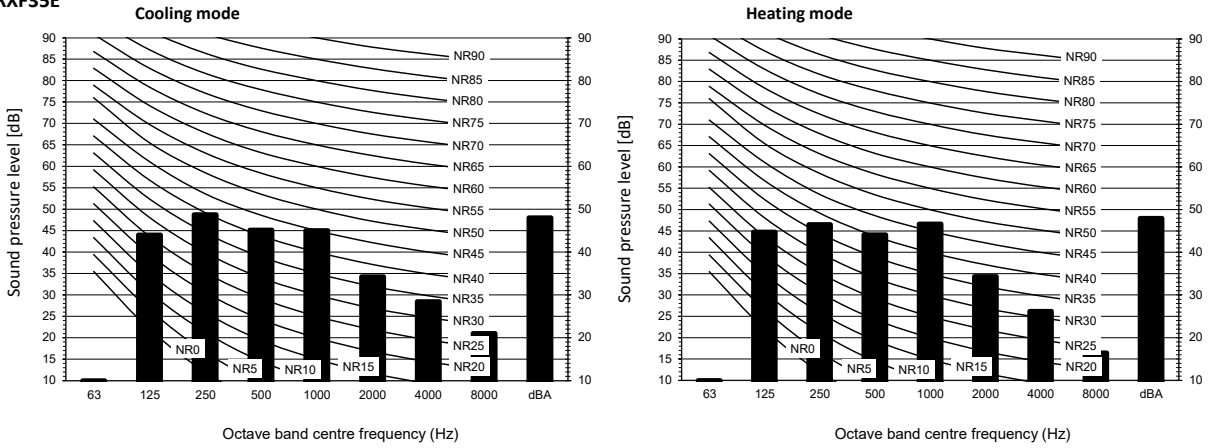


9 Sound data

9 - 1 Sound Pressure Spectrum

9

ARXF35E
RXF35E



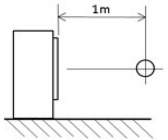
Legend

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

- A Scale
- B Fan speed: High

Cooling		Heating	
Total dB	Total dB	Total dB	Total dB
A	B	A	B
dBA	48	dBA	48

Location of microphone

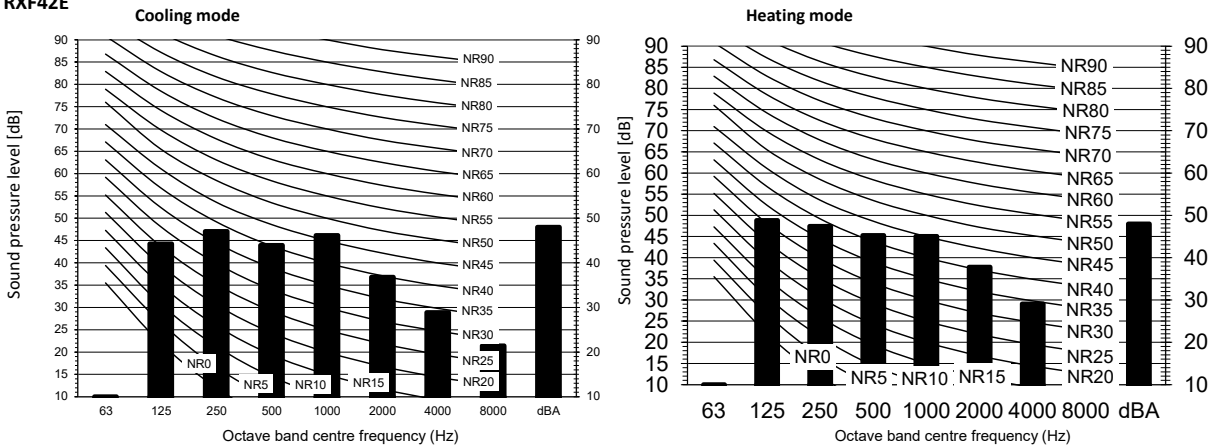


Notes

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

4D131998

ARXF42E
RXF42E



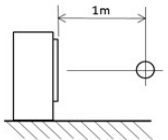
Legend

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

- A Scale
- B Fan speed: High

Cooling		Heating	
Total dB	Total dB	Total dB	Total dB
A	B	A	B
dBA	48	dBA	48

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

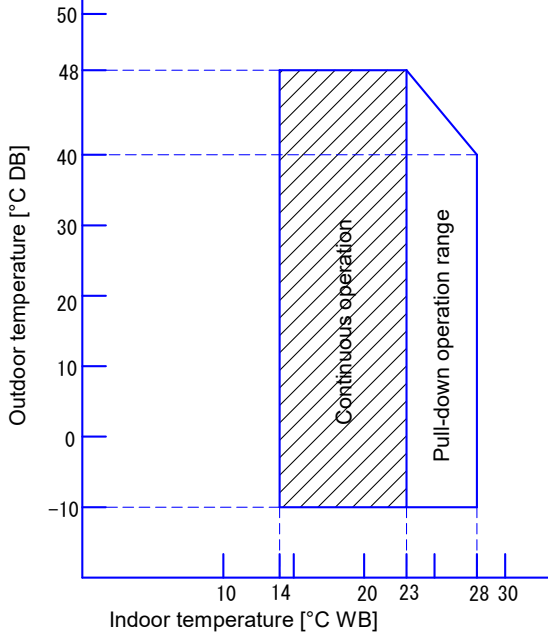
4D131999

10 Operation range

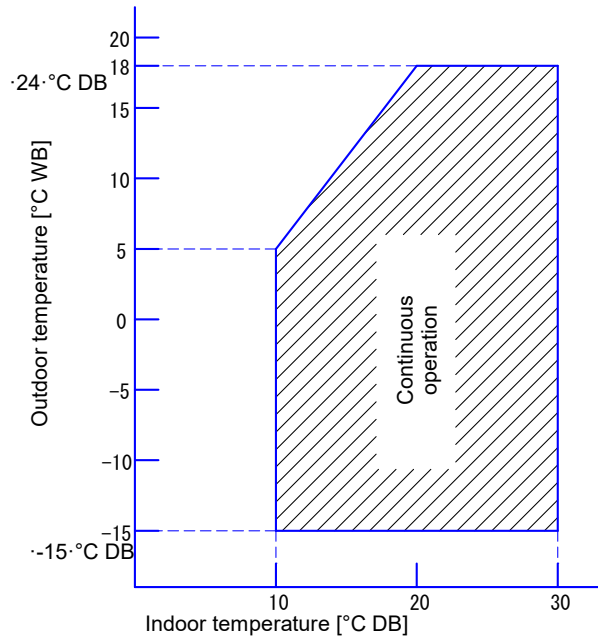
10 - 1 Operation Range

ARXF-E
RXF-E
ARXP-N

Cooling



Heating



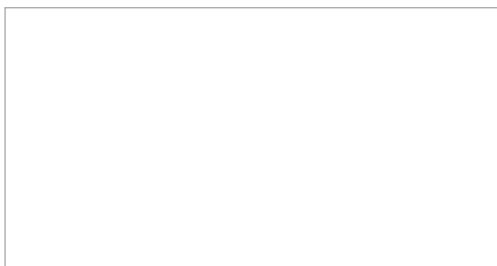
Notes

1. The graphs are based on the following conditions.

- Corresponding refrigerant piping length: 5 m
- Level difference: 0 m
- Air flow rate High

3D669693A

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