



# 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		3.71	
	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				
	Capacity Pdesignh	kW	1.18	1.29	1.40	1.78	
Space cooling	A Condi- tion (35°C - 27/19)	Pdc	kW	2.00	2.50	3.50	4.20
		EERd		3.38	3.24	3.10	3.30
		Power input	kW	0.592	0.772	1.13	1.27
	B Condi- tion (30°C - 27/19)	Pdc	kW	1.47	1.84	2.58	3.09
		EERd		5.41	4.79	4.64	4.70
		Power input	kW	0.272	0.395	0.556	0.657
	C Condi- tion (25°C - 27/19)	Pdc	kW	1.14	1.18	1.66	1.99
		EERd		8.52	8.41	8.55	7.91
		Power input	kW	0.134	0.137	0.194	0.242
	D Condi- tion (20°C - 27/19)	Pdc	kW	130			135
		EERd		117			119
		Power input	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		0.885		1.10	
	A Con- dition (-7°C)	Pdh (declared heating cap) kW			195		2.12		2.92	
		COPd (declared COP)			2.69		2.60		2.66	
Power input kW			0.725		0.771		1.08			
B Condi- tion (2°C)			1.8		1.29		1.40			
Space heating (Average climate)	B Condi- tion (2°C)	COPd (declared COP)			4.20		4.18		4.44	
		Power input kW			0.281		0.309		0.401	
		Pdh (declared heating cap) kW			0.920		0.930		1.14	
		COPd (declared COP)			5.66		5.62		5.42	
	C Condi- tion (7°C)	Power input kW			0.163		0.164		0.210	
		Pdh (declared heating cap) kW			106		1.10		6.88	
		COPd (declared COP)			6.98		6.85		6.86	
		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			1.8		1.29		1.40	
		COPd (declared COP)			4.20		4.18		4.44	
		Power input kW			0.281		0.309		0.401	
	B Condi- tion (2°C)	Pdh (declared heating cap) kW			1.8		1.29		1.78	
		COPd (declared COP)			4.20		4.18		4.44	
Power input kW			0.281		0.309		0.401			
C Condi- tion (7°C)			0.920		0.930		1.14			
D Con- dition (12°C)	COPd (declared COP)			5.66		5.62		5.42		
	Power input kW			0.163		0.164		0.210		
	Pdh (declared heating cap) kW			106		1.10		6.88		
	COPd (declared COP)			6.98		6.85		6.86		
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
			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		59	
	Piping length			Cooling Measuring con- dition			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		647	
	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 <sup>3</sup> /min	276	29.0	28.5	
			cfm	975	1,024	1,006		
		Heating	High	m <sup>3</sup> /min	271	28.0	275	
			cfm	957	990	971		
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 <sup>3</sup>		400		375	
	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	0.550	0.750	
	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]

**3D144314**



# 4 Capacity tables

## 4 - 1 Cooling/Heating Capacity Tables

### FTXF20E / RXF20E

Cooling · 220-240V 50Hz·

AFR	9,8
BF	0,22

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
<b>19</b>	<b>27</b>	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
<b>20</b>	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

Cooling · 220-240V 50Hz·

AFR	10,0
BF	0,22

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
<b>19</b>	<b>27</b>	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
<b>20</b>	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
<b>19</b>	<b>27</b>	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
<b>20</b>	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
<b>19</b>	<b>27</b>	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
<b>20</b>	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

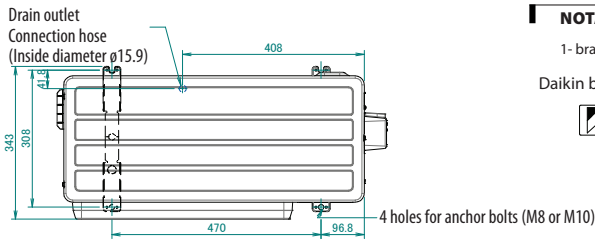
- TC: Total capacity [kW]  
PI: Power input [kW]  
SHC: Sensible heat capacity [kW]  
AFR: Air flow rate [m³/min]  
BF: Bypass factor

**3D144311**

# 5 Dimensional drawings

## 5 - 1 Dimensional Drawings

ARXP-N  
ARXF-E  
RXF-E

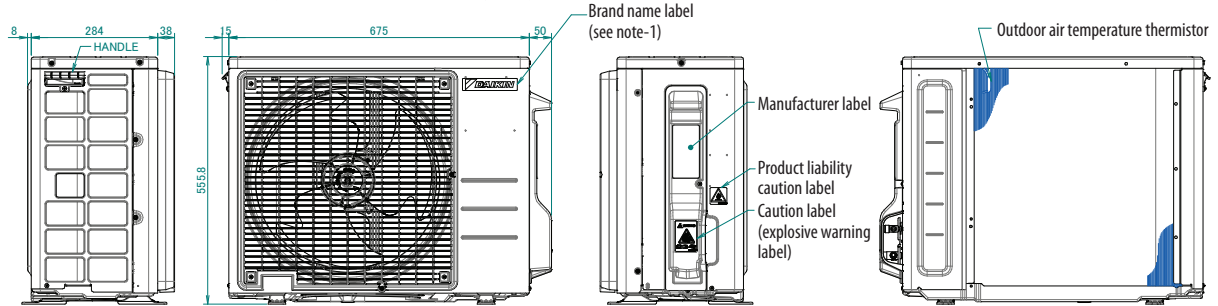


**NOTATION**

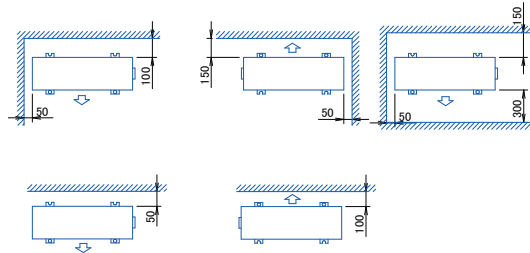
1- brand name label details can be seen below.

Daikin brand label: 3P698070-1

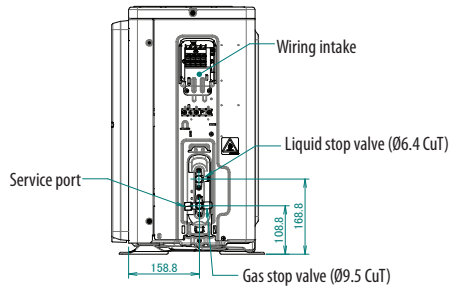
Siesta brand label: 3P698070-3



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

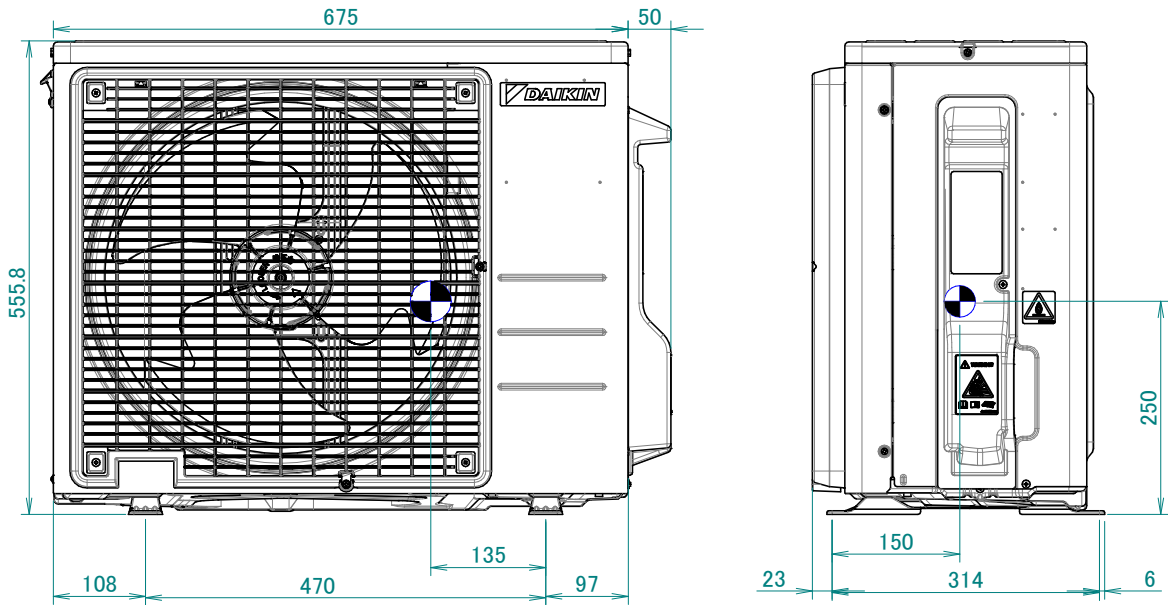
## 6 - 1 Centre of Gravity

6

**ARXP20-25N**

**ARXF20-35E**

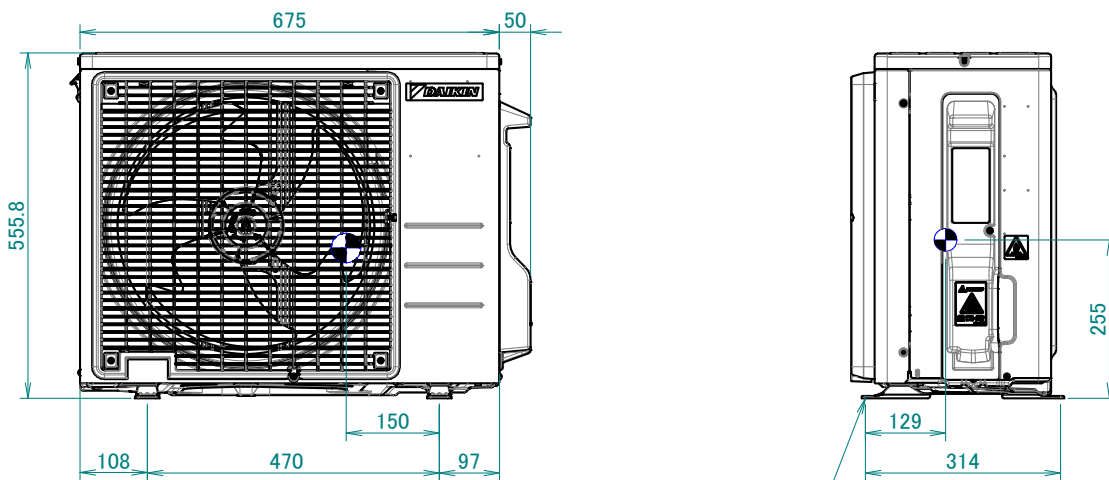
**RXF20-35E**



**4D144283**

**RXF42E**

**ARXF42E**

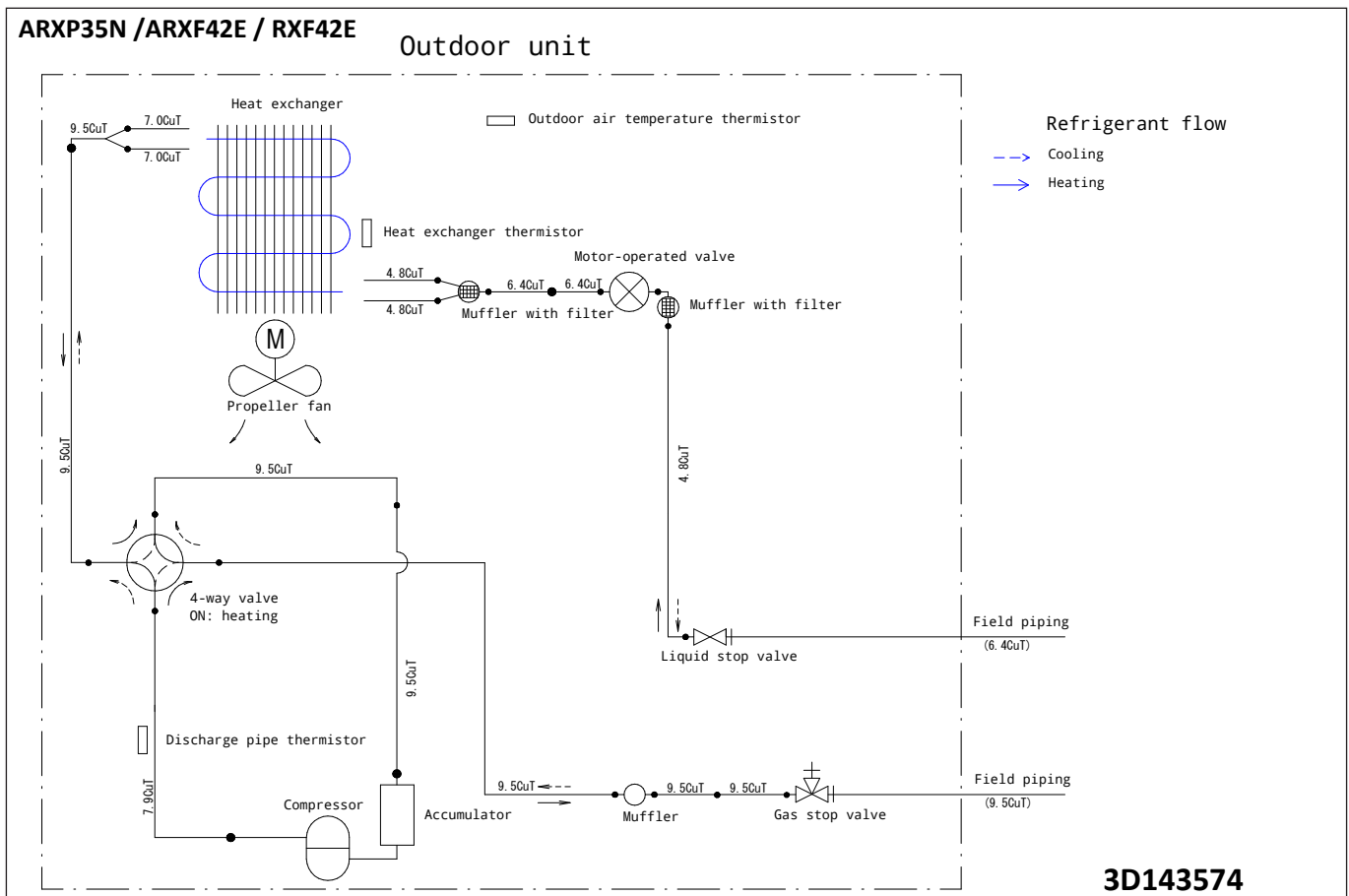
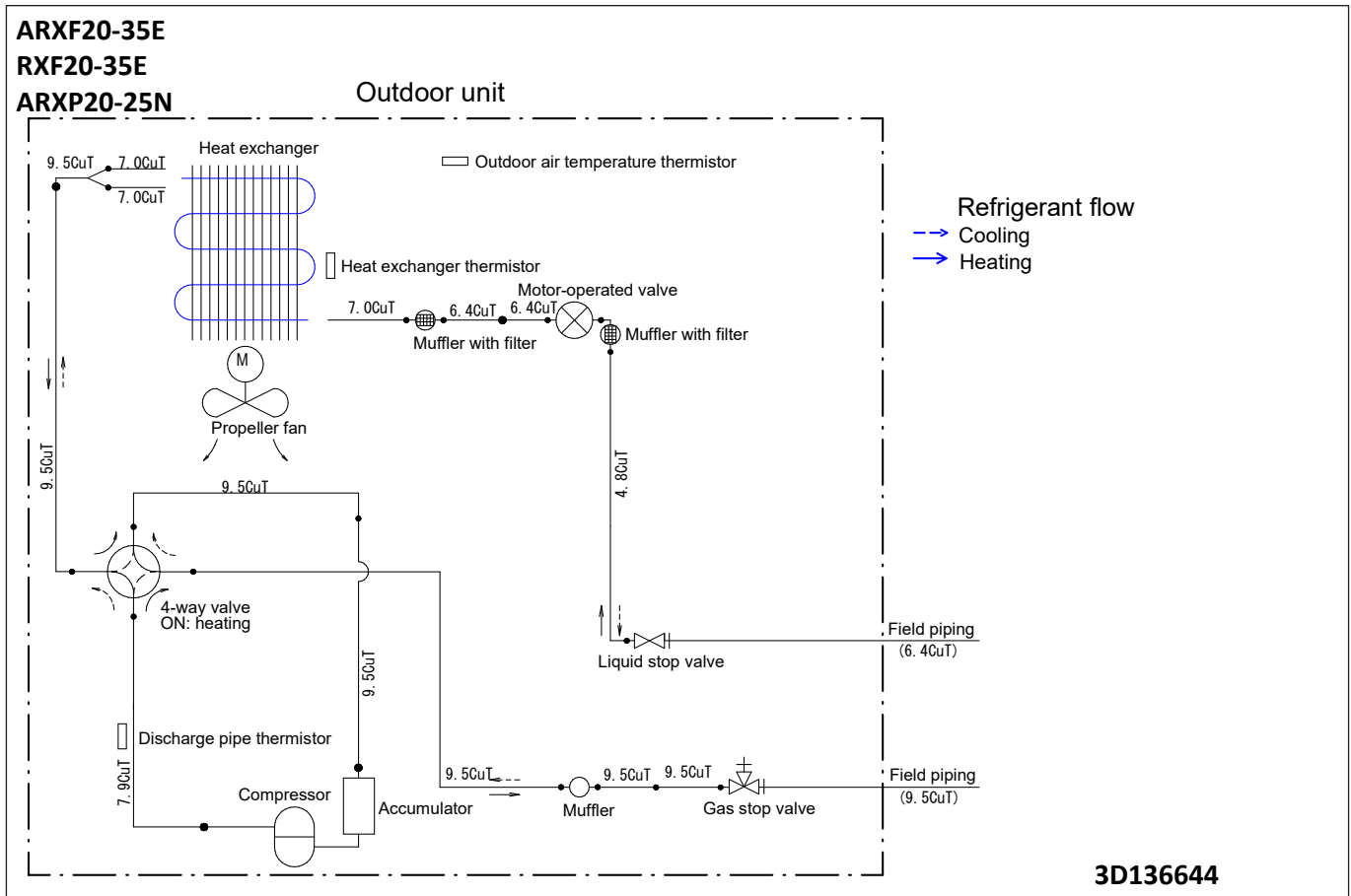


Foundation bolt hole

**4D144285**

# 7 Piping diagrams

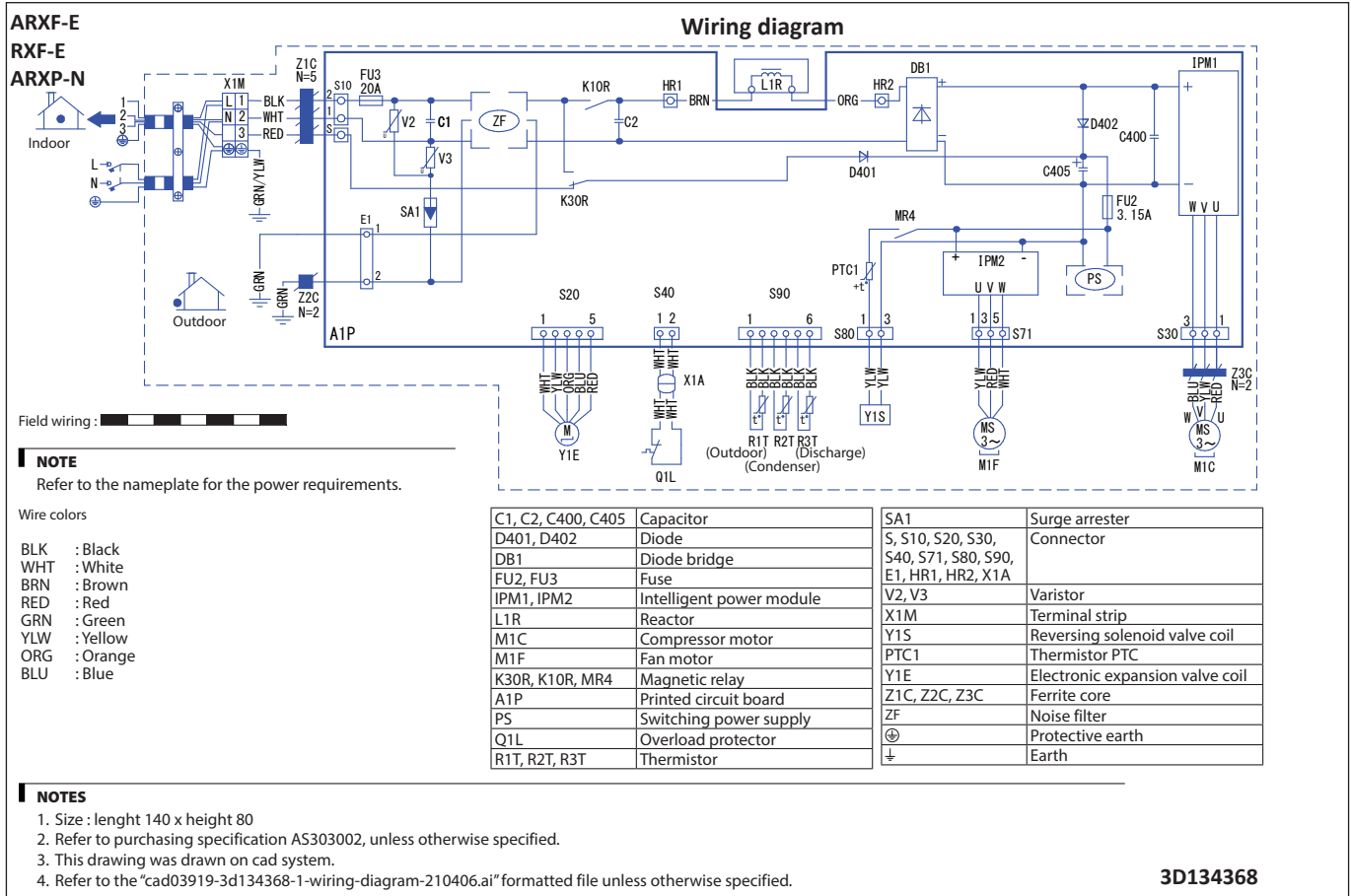
## 7 - 1 Piping Diagrams



# 8 Wiring diagrams

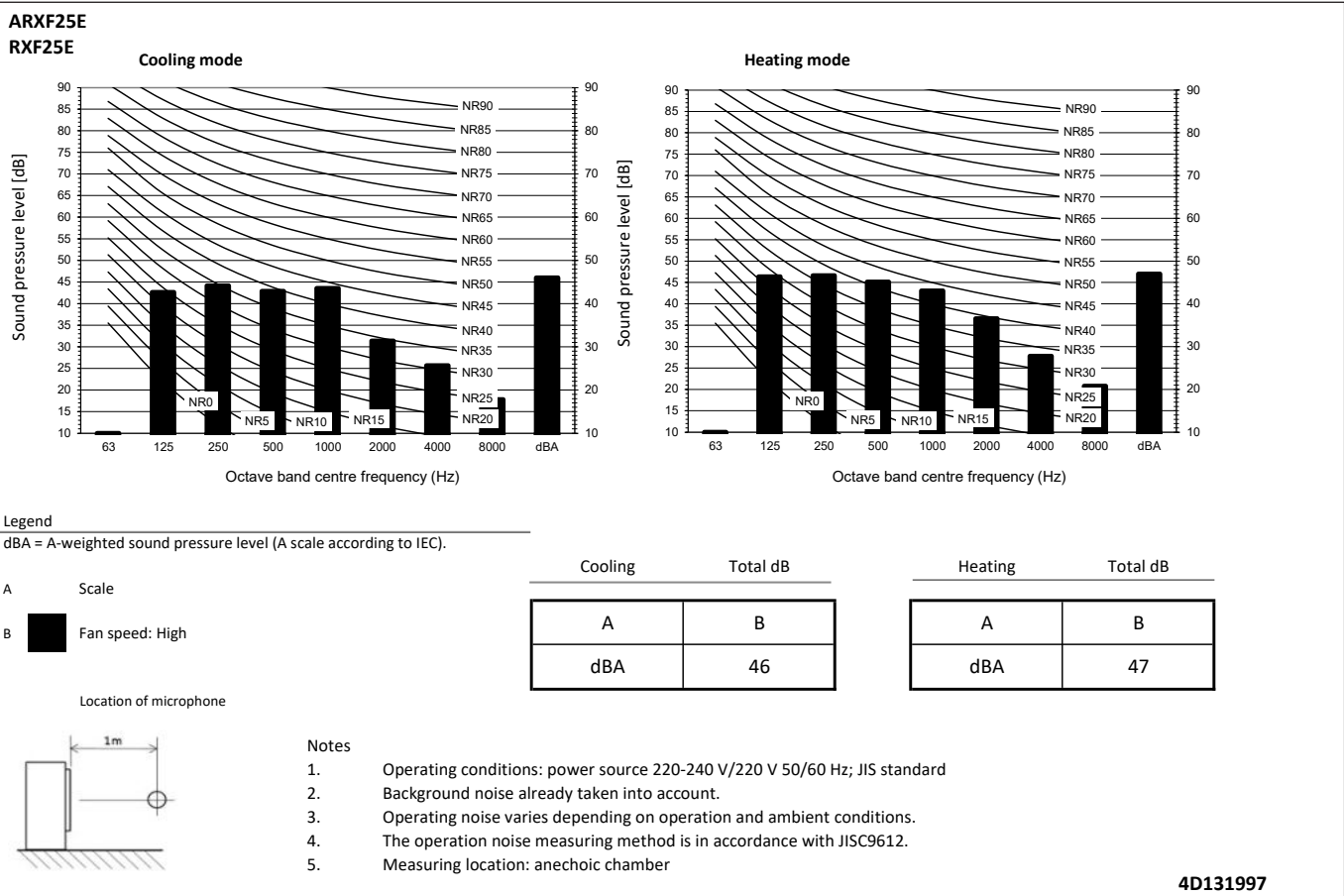
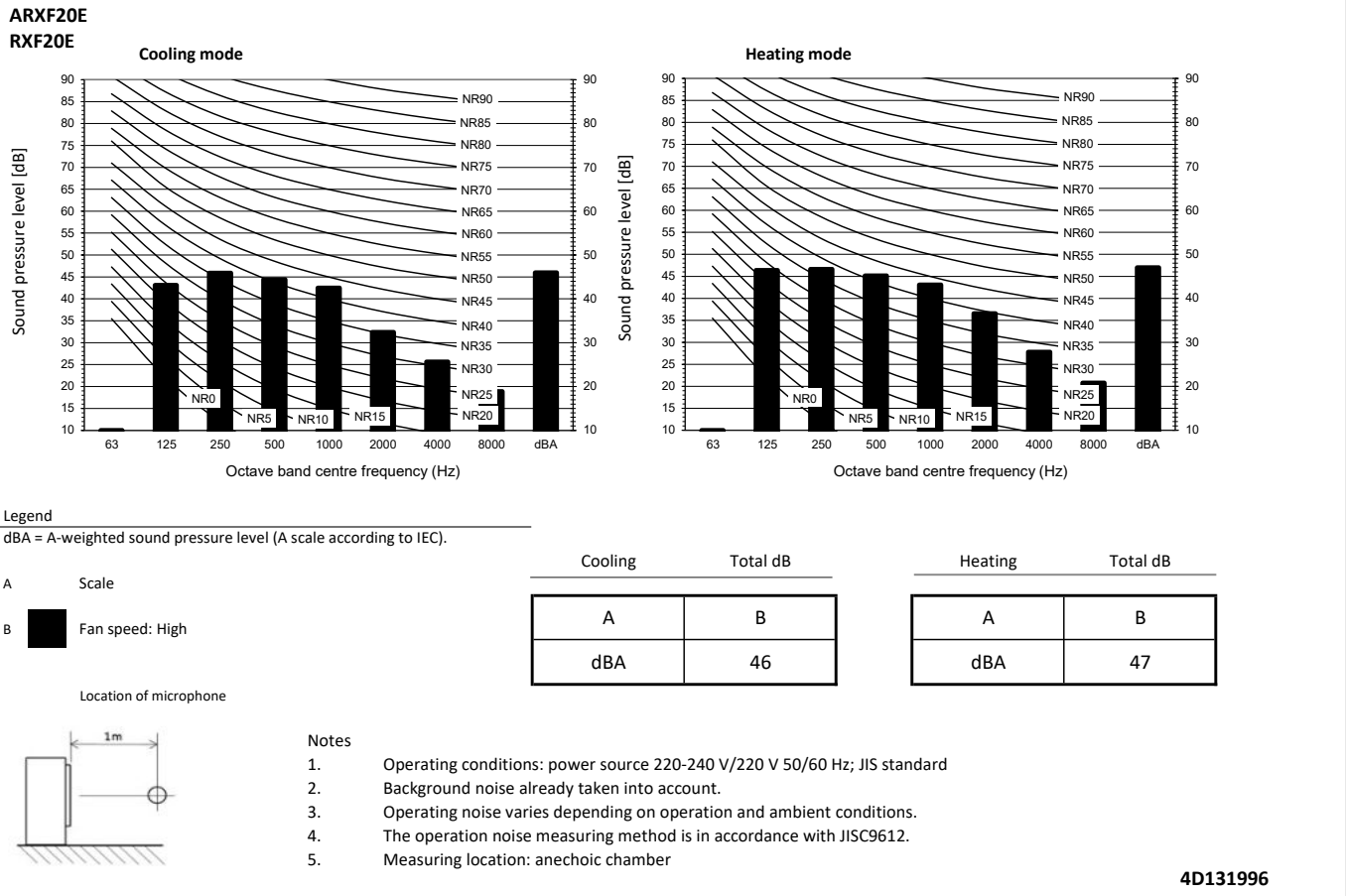
## 8 - 1 Wiring Diagrams - Three Phase

8



# 9 Sound data

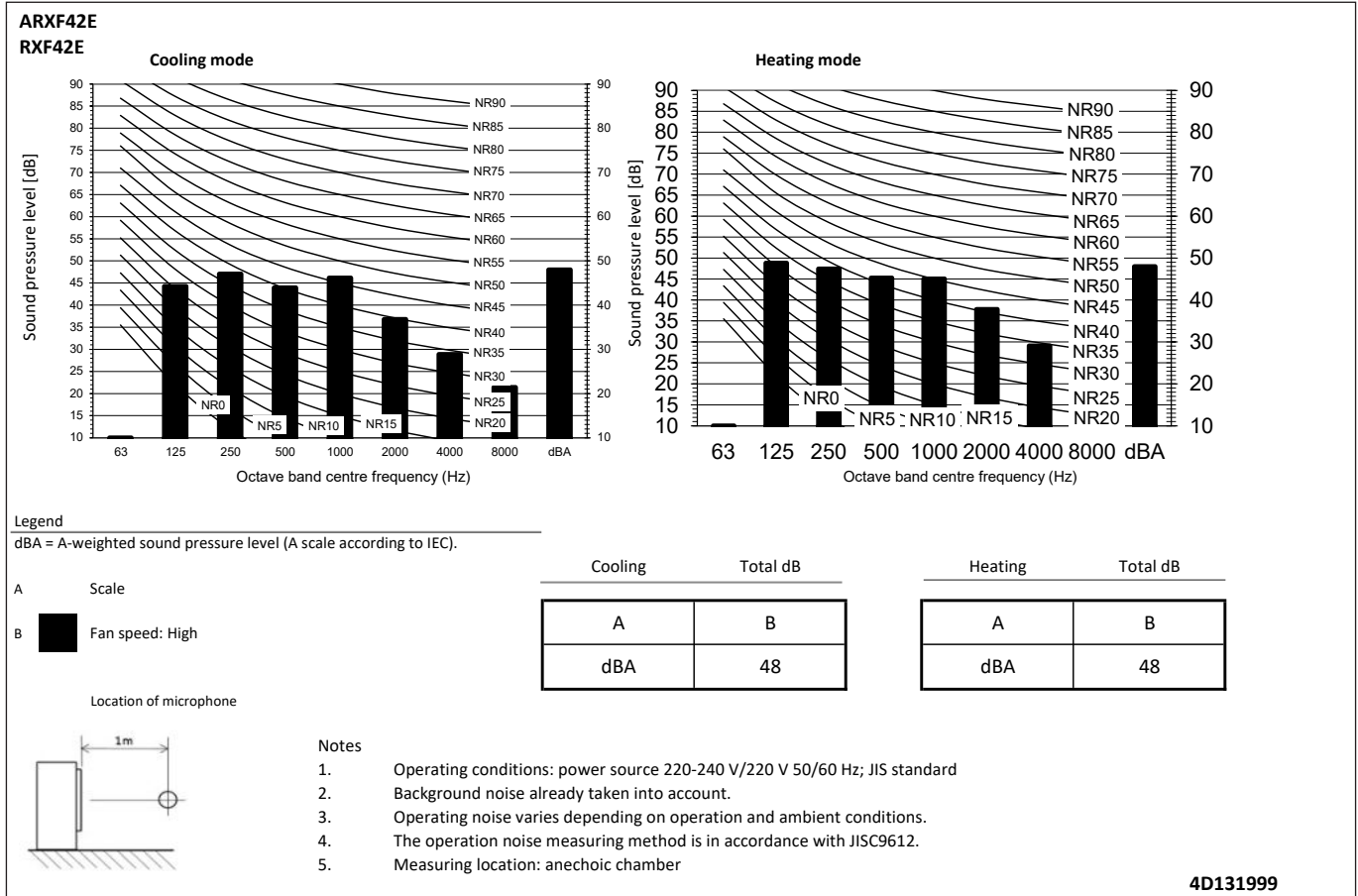
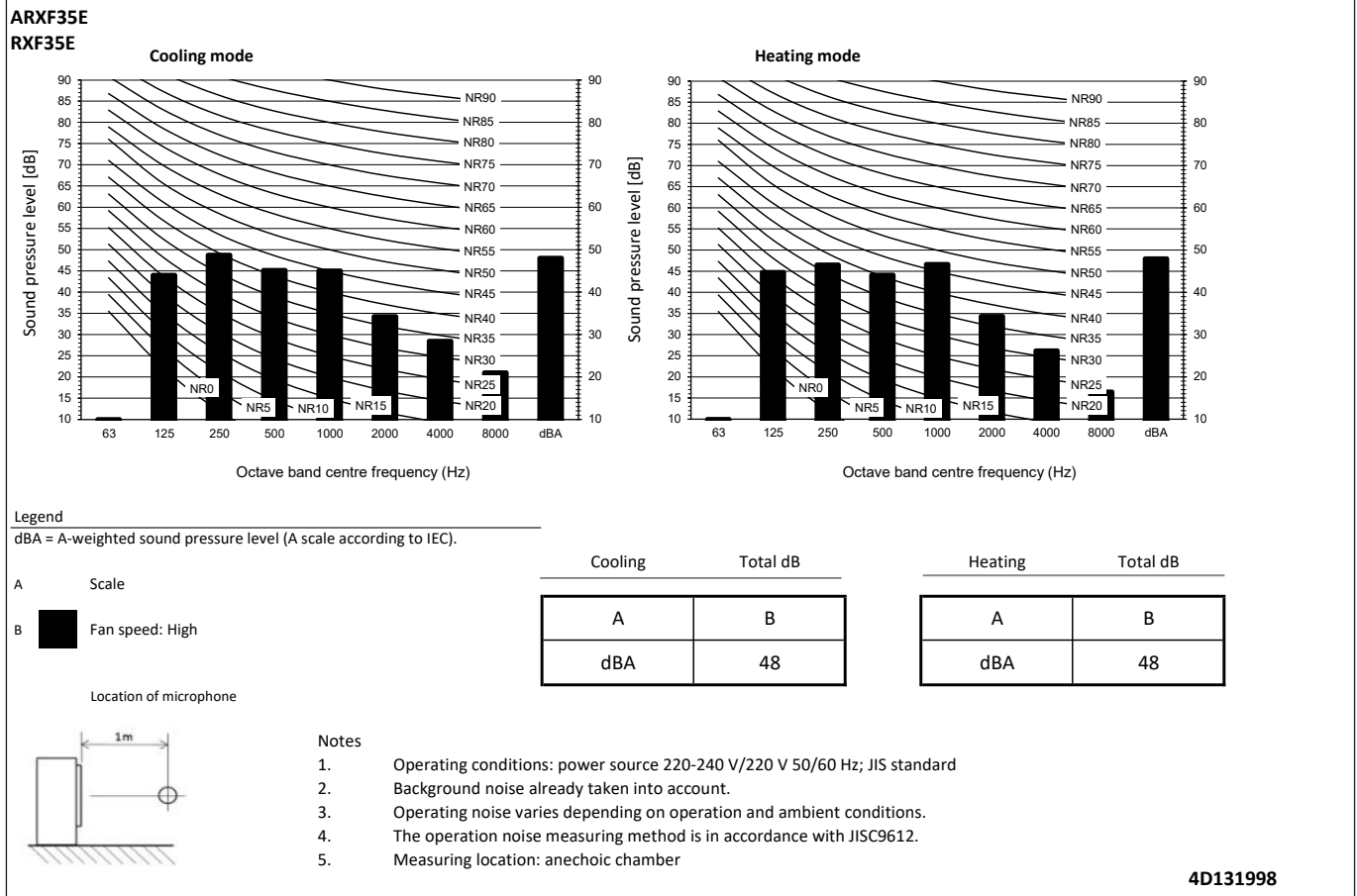
## 9 - 1 Sound Pressure Spectrum



# 9 Sound data

## 9 - 1 Sound Pressure Spectrum

9



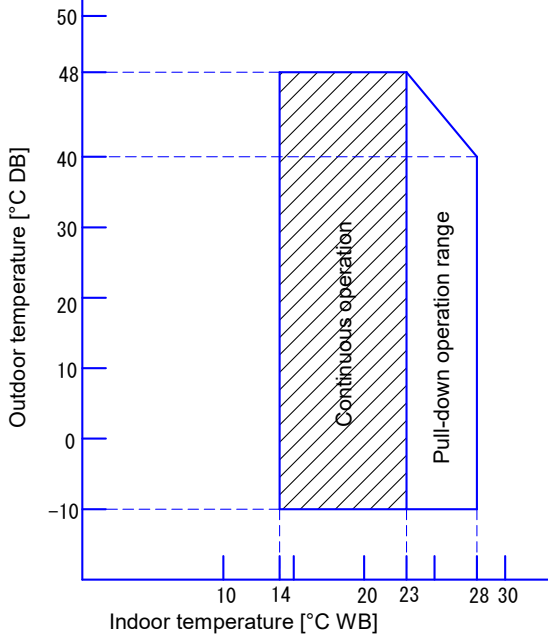


# 10 Operation range

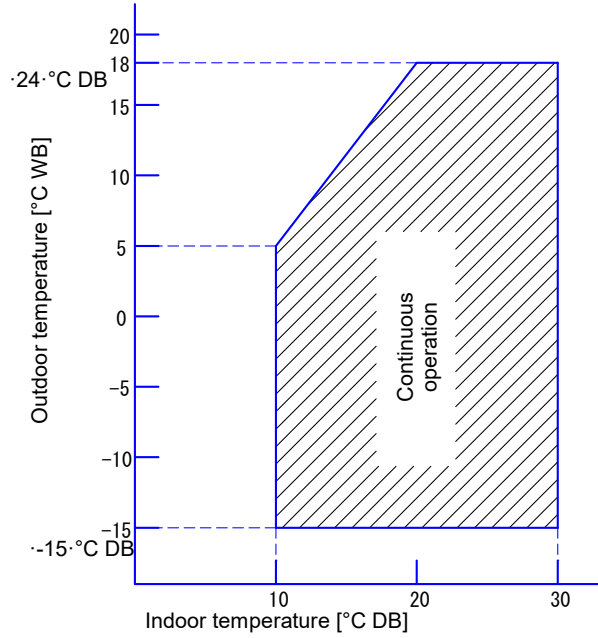
## 10 - 1 Operation Range

ARXF-E  
RXF-E  
ARXP-N

### Cooling



### Heating



**Notes**

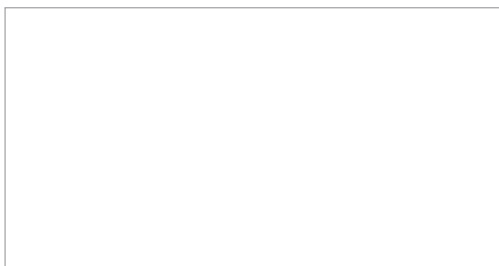
1. The graphs are based on the following conditions.

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

**3D669693A**

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