1 Features

2 Specifications

2-1 NOMINAL CAPACITY AND NOMINAL INPUT				RXS60F2V1B	RXS71FV1B
For combination indoor units + outdoor units	Indoor Units			FTXS60FV1B	FTXS71FV1B
Cooling capacity	Minimum	kW		1.7	2.3
	Standard	kW		6.0	7.1
	Maximum	kW		6.7	8.5
Heating capacity	Minimum	kW		1.7	2.3
	Standard	kW		7.0	8.2
	Maximum	kW		8.0	10.2
Nominal input	Cooling	Minimum	kW	0.44	0.57
		Standard	kW	1.99	2.35
		Maximum	kW	2.40	3.20
	Heating	Minimum	kW	0.40	0.52
		Standard	kW	2.04	2.55
		Maximum	kW	2.81	3.82
For combination indoor units + outdoor units	EER	Nominal		3.02	3.02
	COP	Nominal		3.43	3.22
	Energy Labeling Directive	Cooling		B	B
		Heating		B	C
	Annual energy consumption		kWh	995	1175
	Indoor Units			FDXS60CVMB	
Cooling capacity	Minimum	kW		1.7	
	Standard	kW		6.0	
	Maximum	kW		6.5	
Heating capacity	Minimum	kW		1.7	
	Standard	kW		7.0	
	Maximum	kW		8.0	
Nominal input	Cooling	Minimum	kW	0.44	
		Standard	kW	2.13	
		Maximum	kW	2.49	
	Heating	Minimum	kW	0.40	
		Standard	kW	2.32	
		Maximum	kW	3.18	
For combination indoor units + outdoor units	EER	Nominal		2.82	
	COP	Nominal		3.02	
	Energy Labeling Directive	Cooling		C	
		Heating		D	
	Annual energy consumption		kWh	1065	
	Indoor Units			FBQ60B8V1	
Cooling capacity	Standard	kW		5.7	
Heating capacity	Standard	kW		7.0	
Nominal input	Cooling	Standard	kW	2.19	
	Heating	Standard	kW	2.50	
For combination indoor units + outdoor units	EER	Nominal		2.60	
	COP	Nominal		2.80	
	Energy Labeling Directive	Cooling		E	
		Heating		E	
	Annual energy consumption		kWh	1095	
	Indoor Units			FCQ60C7VEB	
Cooling capacity	Minimum	kW		0.9	
	Standard	kW		5.7	
	Maximum	kW		6.0	

2 Specifications

2-1 NOMINAL CAPACITY AND NOMINAL INPUT				RXS60F2V1B	RXS71FV1B
Heating capacity	Minimum	kW		0.9	
	Standard	kW		7.0	
	Maximum	kW		8.0	
Nominal input	Cooling	Standard	kW	1.64	
	Heating	Standard	kW	1.99	
For combination indoor units + outdoor units	EER	Nominal		3.48	
	COP	Nominal		3.52	
	Energy Labeling Directive	Cooling		A	
		Heating		B	
	Annual energy consumption		kWh	820	
	Indoor Units			FFQ60B8V1B	
Cooling capacity	Standard	kW		5.8	
Heating capacity	Standard	kW		7.0	
Nominal input	Cooling	Standard	kW	2.07	
	Heating	Standard	kW	2.49	
For combination indoor units + outdoor units	EER	Nominal		2.80	
	COP	Nominal		2.81	
	Energy Labeling Directive	Cooling		D	
		Heating		D	
	Annual energy consumption		kWh	1035	
	Indoor Units			FHQ60BVV1B	
Cooling capacity	Minimum	kW		1.7	
	Standard	kW		5.7	
	Maximum	kW		6.0	
Heating capacity	Minimum	kW		1.7	
	Standard	kW		7.2	
	Maximum	kW		8.0	
Nominal input	Cooling	Minimum	kW	0.44	
		Standard	kW	2.15	
		Maximum	kW	2.23	
	Heating	Minimum	kW	0.40	
		Standard	kW	2.49	
		Maximum	kW	2.75	
For combination indoor units + outdoor units	EER	Nominal		2.65	
	COP	Nominal		2.89	
	Energy Labeling Directive	Cooling		D	
		Heating		D	
	Annual energy consumption		kWh	1075	

2-2 TECHNICAL SPECIFICATIONS				RXS60F2V1B	RXS71FV1B
Casing	Colour			Ivory White	
Dimensions	Unit	Height	mm	735	770
		Width	mm	825	900
		Depth	mm	300	320
	Packing	Height	mm	797	900
		Width	mm	960	925
		Depth	mm	390	390
Weight	Unit		kg	48	71
	Packed Unit		kg	53	78

2 Specifications

2-2 TECHNICAL SPECIFICATIONS				RXS60F2V1B	RXS71FV1B
Heat Exchanger	Dimensions	Length	mm	845	859
		Nr of Rows		2	2
		Fin Pitch	mm	1.8	1.4
		Nr of Stages		32	34
	Tube type			Hi-Xa(8)	Hi-Xa(7)
	Fin	Type		Waffle fin	
		Treatment		Anti-corrosion treatment (PE)	
Fan	Type			Propeller	
	Quantity			1	1
	Air Flow Rate (nominal at 230V)	Cooling	m³/min	50.9	54.5
		Heating	m³/min	46.3	52.5
	Motor	Quantity		1	1
		Model		KFD-380-50-8A	KFD-280-66-8A
Motor	Speed (nominal)	Cooling	rpm		860
		Heating	rpm		830
Fan	Motor	Output	W	53	66
Compressor	Quantity			1	1
	Motor	Model		2YC36BXD#C	2YC63BXD#D
		Type		Hermetically sealed swing compressor	
		Motor Output	W	1100	1920
Operation Range	Cooling	Min	°CDB	-10	-10
		Max	°CDB	46	46
	Heating	Min	°CWB	-15	-15
		Max	°CWB	18	18
Sound Level (nominal)	Cooling	Sound Power	dBA	63	66
		Sound Pressure	dBA	49	52
	Heating	Sound Pressure	dBA	49	52
Sound Level (Night quiet)	Sound Pressure		dBA	46	49
Refrigerant	Type			R-410A	
	Charge		kg	1.5	2.3
Refrigerant Oil	Type			FVC50K	
	Charged Volume		l	0.65	0.75
Piping connections	Liquid (OD)	Quantity		1	1
		Diameter (OD)	mm	6.35	6.35
	Gas	Quantity		1	1
		Diameter (OD)	mm	12.7	15.9
	Drain	Quantity		1	1
		Diameter (OD)	mm	18	18
	Piping Length	Maximum	m	30	30
		Chargeless	m	10	10
	Additional Refrigerant Charge		kg/m	0.02/>10m	0.02/>10m
	Installation height difference	Maximum	m	20	20
	Heat Insulation			Both liquid and gas pipes	

33
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2 Specifications

2-2 TECHNICAL SPECIFICATIONS		RXS60F2V1B	RXS71FV1B
Standard Accessories	Item	Drain plug	Installation manual
	Quantity	1	1
	Item	Installation manual	
	Quantity	1	
Notes		Nominal cooling capacities are based on : indoor temperature : 270CDB, 190CWB, outdoor temperature : 350CDB, equivalent refrigerant piping : 5m, level difference : 0m.	Nominal cooling capacities are based on : indoor temperature : 270CDB, 190CWB, outdoor temperature : 350CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.
		Nominal heating capacities are based on : indoor temperature : 200CDB, outdoor temperature : 70CDB, 60CWB	

2-3 ELECTRICAL SPECIFICATIONS				RXS60F2V1B	RXS71FV1B
Power Supply	Name			V1	
	Phase			1	1
	Frequency		Hz	50	50
	Voltage		V	220-240/220-230	220-240/220-230
Current	Nominal running current (RLA)	Cooling (A)	A	8.62	10.2
		Heating (A)	A	8.80	10.93
	Starting current (cooling/ heating)		A	9.4	11.7
	Maximum Running Current		A	9.19	11.42
Wiring connections	For Power Supply	Quantity		3	3
	For connection with indoor	Quantity		4	4
		Remark		(including earth wiring)	

3 Electrical data

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS50FV1B	RXS50F2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	19.75	20.0	67	6.7	53	0.27	43	0.16
		50 - 230					6.4				
		50 - 240					6.1				
FTXS60FV1B	RXS60F2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	19.75	20.0	84	8.7	53	0.32	43	0.16
		50 - 230					8.3				
		50 - 240					7.9				
FTXS71FV1B	RXS71FV1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	19.75	20.0	57	10.3	66	0.40	43	0.19
		50 - 230					9.9				
		50 - 240					9.4				

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SYMBOLS

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (A)
RHz : Rated operating frequency (Hz)
RLA : Rated Load Amps (A)
OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Rated motor output (W)

NOTES

1. RLA is based on the following conditions:
   Indoor temp.: 27°CDB/19.0°CWB
   Outdoor temp. : 35°CDB
2. Maximum allowable voltage unbalance between phases is 2%
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.
5. For more details concerning conditional connections, see http://extranet.daikineurope.com, select "E-Data Books". Finally, click on the document title of your choice.

4 Capacity tables

4 - 1 Cooling capacity tables

FBQ60B8V1+RXS60F2V1B

Cooling **220-240V [50Hz]**

Outdoor	Indoor		Outdoor temperature (°CDB)																	
	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
60	14,0	20,0	5,8	4,6	1,84	5,6	4,6	1,94	5,5	4,5	2,03	5,4	4,5	2,07	5,3	4,4	2,13	5,2	4,3	2,22
	16,0	22,0	5,9	4,7	1,87	5,8	4,6	1,96	5,6	4,5	2,06	5,6	4,5	2,10	5,5	4,5	2,15	5,3	4,4	2,25
	18,0	25,0	6,1	4,7	1,89	5,9	4,6	1,99	5,8	4,6	2,08	5,7	4,5	2,12	5,6	4,5	2,18	5,5	4,4	2,27
	19,0	27,0	6,2	4,7	1,91	6,0	4,6	2,00	5,9	4,6	2,10	5,8	4,5	2,13	5,7	4,5	2,19	5,6	4,4	2,29
	22,0	30,0	6,4	4,8	1,95	6,2	4,7	2,04	6,1	4,6	2,14	6,0	4,6	2,17	5,9	4,6	2,23	5,8	4,5	2,33
	24,0	32,0	6,5	4,8	1,97	6,4	4,7	2,07	6,2	4,7	2,18	6,2	4,6	2,20	6,1	4,6	2,26	5,9	4,5	2,35

3TW25112-1B

SYMBOLS

AFR:	Air flow rate	(m^3/min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering dry bulb temp.	(°CDB)
DB*:	Dry bulb temp.	(°CDB)
TC:	Total capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(kW)

NOTES

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat
2. shows nominal (rated) capacities and power input.
3. SHC is based on each EWB and EDB
   SHC* = SHC correction for other dry bulb
   = 0.29 x 60 x AFR [m^3/min.] x (1-BF) x (DB*-EDB)/860
   Add SHC* to SHC if SHC > TC, then TC equal SHC
4. Direct interpolation is permissible.
   Do not extrapolate.
5. Capacities are based on following conditions:
   Corresponding refrigerant piping length: 7.5 m
   Level difference: 0 m
6. Air flow rate (AFR) and Bypass factor (BF) are taburated above.

Model		FBQ
35	AFR	11.5
	BF	0.15
50	AFR	14
	BF	0.15
60	AFR	19
	BF	0.11

4 Capacity tables

4 - 2 Heating capacity tables

FBQ60B8V1+RXS60F2V1B

Heating **220-240V [50Hz]**

Outdoor	Indoor	Outdoor temperature (°CWB)											
	EDB	-15		-10		-5		0		6		10	
	(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	16,0	3,5	1,80	4,4	1,92	5,2	2,05	6,1	2,17	7,1	2,32	7,7	2,42
	18,0	3,5	1,89	4,3	2,01	5,2	2,14	6,0	2,26	7,0	2,41	7,7	2,51
	20,0	3,4	1,98	4,3	2,10	5,1	2,23	6,0	2,35	7,0	2,50	7,7	2,60
	21,0	3,4	2,02	4,3	2,15	5,1	2,27	6,0	2,40	7,0	2,55	7,7	2,65
	22,0	3,4	2,07	4,3	2,19	5,1	2,32	5,9	2,44	7,0	2,59	7,6	2,69
	24,0	3,4	2,16	4,2	2,28	5,1	2,41	5,9	2,53	6,9	2,68	7,6	2,78

3TW25112-2B

SYMBOLS

AFR:	Air flow rate	(m^3/min)
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering dry bulb temp.	(°CDB)
DB*:	Dry bulb temp.	(°CDB)
TC:	Total capacity	(kW)
PI:	Power input (Comp. + indoor + outdoor fan motor).	(kW)

NOTES

1 Ratings shown are net capacities which include a deduction for indoor fan motor heat

2 (shaded box) shows nominal (rated) capacities and power input.

3 Direct interpolation is permissible.
Do not extrapolate.

4 Capacities are based on following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

5 Air flow rate (AFR) and Bypass factor (BF) are taburated above.

Model	FBQ
35	11.5
50	14
60	19

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

33
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FTXS60FV1B+RXS60F2V1B

AFR	16.2
BF	0.29

Cooling **50Hz 220-240V**

Indoor		Outdoor temperature (°CDB)																	
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	5.60	3.94	1.49	5.60	3.94	1.66	5.59	3.94	1.82	5.48	3.88	1.88	5.31	3.79	1.97	5.03	3.64	2.12
16.0	22	6.42	4.17	1.54	6.14	4.02	1.68	5.86	3.88	1.83	5.75	3.82	1.89	5.59	3.74	1.98	5.31	3.60	2.12
18.0	25	6.70	4.31	1.54	6.42	4.17	1.69	6.14	4.04	1.84	6.03	3.99	1.90	5.86	3.91	1.99	5.58	3.78	2.13
19.0	27	6.84	4.49	1.55	6.56	4.36	1.70	6.28	4.23	1.84	6.17	4.18	1.90	6.00	4.10	1.99	5.72	3.98	2.14
22.0	30	7.25	4.31	1.56	6.97	4.19	1.71	6.69	4.08	1.86	6.58	4.04	1.91	6.41	3.97	2.00	6.14	3.86	2.15
24.0	32	7.53	4.18	1.57	7.25	4.07	1.72	6.97	3.97	1.86	6.86	3.93	1.92	6.69	3.87	2.01	6.41	3.77	2.16

Heating **50Hz 220-240V**

AFR	17.4

Indoor	Outdoor temperature (°CWB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	4.71	1.73	5.50	1.81	6.29	1.89	7.24	1.99	7.87	2.06
20.0	4.47	1.77	5.26	1.86	6.05	1.94	7.00	2.04	7.63	2.11
22.0	4.37	1.79	5.16	1.87	5.95	1.96	6.90	2.06	7.54	2.13
24.0	4.28	1.81	5.07	1.89	5.86	1.98	6.81	2.08	7.44	2.14
25.0	4.23	1.82	5.02	1.90	5.81	1.99	6.76	2.09	7.39	2.15
27.0	4.13	1.84	4.92	1.92	5.71	2.00	6.66	2.10	7.29	2.17

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SYMBOLS

AFR:	Air flow rate	(m^3/min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°C)
EDB:	Entering dry bulb temp.	(°C)
TC:	Total capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(kW)

NOTES

1 Ratings shown are net capacities which include a 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 following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

6 Air flow rate (AFR) and Bypass factor (BF) are taburated above.

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FFQ60B8V1B+RXS60F2V1B

Cooling **50Hz 230V**

AFR	15.0
BF	0.11

Indoor		Outdoor temperature (°CDB)																	
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	5.86	4.30	1.72	5.71	4.23	1.82	5.56	4.16	1.91	5.50	4.13	1.95	5.41	4.09	2.01	5.26	4.02	2.10
16.0	22	6.02	4.34	1.75	5.87	4.27	1.84	5.72	4.20	1.94	5.66	4.17	1.97	5.57	4.13	2.03	5.42	4.06	2.13
18.0	25	6.17	4.37	1.77	6.02	4.30	1.87	5.87	4.23	1.96	5.81	4.20	2.00	5.72	4.16	2.06	5.57	4.09	2.15
19.0	27	6.25	4.39	1.79	6.10	4.32	1.88	5.95	4.25	1.98	5.89	4.22	2.01	5.80	4.18	2.07	5.65	4.11	2.17
22.0	30	6.48	4.44	1.82	6.33	4.37	1.92	6.18	4.30	2.01	6.12	4.27	2.05	6.03	4.23	2.11	5.88	4.16	2.20
24.0	32	6.64	4.47	1.85	6.49	4.40	1.95	6.34	4.33	2.04	6.28	4.30	2.08	6.19	4.26	2.14	6.04	4.19	2.23

Heating **50Hz 230V**

AFR	15.0

Indoor	Outdoor temperature (°CWB)											
EDB	-15		-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0	3.51	1.79	4.36	1.91	5.21	2.04	6.05	2.16	7.07	2.31	7.75	2.41
18.0	3.48	1.88	4.32	2.00	5.17	2.13	6.02	2.25	7.04	2.40	7.71	2.50
20.0	3.44	1.97	4.29	2.09	5.14	2.22	5.98	2.34	7.00	2.49	7.68	2.59
21.0	3.43	2.01	4.27	2.14	5.12	2.26	5.97	2.39	6.98	2.53	7.66	2.63
22.0	3.41	2.06	4.25	2.18	5.10	2.31	5.95	2.43	6.97	2.58	7.64	2.68
24.0	3.37	2.15	4.22	2.27	5.07	2.40	5.91	2.52	6.93	2.67	7.61	2.77

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SYMBOLS

AFR:	Air flow rate	(m^3/min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°C)
EDB:	Entering dry bulb temp.	(°C)
TC:	Total capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(kW)

NOTES

1 Ratings shown are net capacities which include a deduction for indoor fan motor heat

2 [shaded box] 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 SHC is based on each EWB and EDB
SHC* = SHC correction for other dry bulb
=0.02*AFR(m3/min.)*(1-BF)*(DB*-EDB)
Add SHC* to SHC.

5 Capacities are based on following conditions:
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

6 Air flow rate (AFR) and Bypass factor (BF) are taburated above.

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FCQ60C7VEB+RXS60F2V1B

Cooling **50Hz 220-240V**

AFR	13.5
BF	0.21

Indoor		Outdoor temperature (°CDB)																	
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	5.84	4.01	1.26	5.57	3.86	1.38	5.31	3.72	1.50	5.20	3.66	1.55	5.04	3.58	1.62	4.78	3.44	1.74
16.0	22	6.10	3.94	1.27	5.84	3.80	1.39	5.57	3.67	1.51	5.47	3.61	1.56	5.31	3.53	1.63	5.04	3.40	1.75
18.0	25	6.36	4.07	1.27	6.10	3.94	1.39	5.83	3.81	1.52	5.73	3.76	1.56	5.57	3.69	1.64	5.30	3.56	1.76
19.0	27	6.50	4.24	1.28	6.23	4.11	1.40	5.97	3.99	1.52	5.86	3.94	1.57	5.70	3.87	1.64	5.43	3.75	1.76
22.0	30	6.89	4.07	1.29	6.62	3.95	1.41	6.36	3.85	1.53	6.25	3.80	1.58	6.09	3.74	1.65	5.83	3.63	1.77
24.0	32	7.15	3.94	1.29	6.89	3.84	1.42	6.62	3.74	1.54	6.52	3.70	1.59	6.36	3.64	1.66	6.09	3.54	1.78

Heating **50Hz 220-240V**

AFR	13.5

Indoor	Outdoor temperature (°CWB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	4.71	1.68	5.50	1.76	6.29	1.85	7.24	1.95	7.87	2.01
20.0	4.47	1.73	5.26	1.81	6.05	1.89	7.00	1.99	7.63	2.06
22.0	4.37	1.75	5.16	1.83	5.95	1.91	6.90	2.01	7.54	2.07
24.0	4.28	1.76	5.07	1.85	5.86	1.93	6.81	2.03	7.12	2.09
25.0	4.23	1.77	5.02	1.85	5.81	1.94	6.76	2.03	6.90	2.10
27.0	4.13	1.79	4.92	1.87	5.71	1.95	6.45	2.05	6.45	2.11

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SYMBOLS

AFR:	Air flow rate	(m^3/min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°C)
EDB:	Entering dry bulb temp.	(°C)
TC:	Total capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(kW)

NOTES

1. Capacities are based on the following conditions:
   (1) Corresponding refrigerant piping length: 5 m
   (2) Level difference: 0 m
2. [shaded box] shows nominal (rated) capacities and power input.

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FTXS71FV1B+RXS71FV1B

Cooling **50Hz 220-240V**

AFR	17.4
BF	0.30

Indoor		Outdoor temperature (°CDB)																	
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	5.93	4.18	1.64	5.93	4.18	1.86	5.93	4.18	2.07	5.93	4.18	2.16	5.93	4.18	2.29	5.93	4.18	2.50
16.0	22	7.28	4.67	1.78	7.27	4.66	1.99	6.94	4.48	2.16	6.81	4.41	2.23	6.61	4.31	2.33	6.28	4.14	2.51
18.0	25	7.93	4.98	1.82	7.60	4.81	2.00	7.27	4.65	2.17	7.13	4.58	2.24	6.94	4.48	2.34	6.61	4.33	2.52
19.0	27	8.09	5.16	1.83	7.76	5.00	2.00	7.43	4.84	2.18	7.30	4.78	2.25	7.10	4.69	2.35	6.77	4.53	2.52
22.0	30	8.58	4.95	1.84	8.25	4.81	2.02	7.92	4.67	2.19	7.79	4.61	2.26	7.59	4.53	2.37	7.26	4.39	2.54
24.0	32	8.91	4.79	1.85	8.58	4.66	2.03	8.25	4.53	2.20	8.12	4.48	2.27	7.92	4.40	2.38	7.59	4.28	2.55

Heating **50Hz 220-240V**

AFR	19.7

Indoor	Outdoor temperature (°CWB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	5.52	2.16	6.45	2.26	7.37	2.37	8.48	2.49	9.22	2.58
20.0	5.24	2.21	6.16	2.32	7.09	2.42	8.20	2.55	8.94	2.63
22.0	5.12	2.24	6.05	2.34	6.98	2.45	8.09	2.57	8.83	2.66
24.0	5.01	2.26	5.94	2.36	6.86	2.47	7.97	2.60	8.71	2.68
25.0	4.95	2.27	5.88	2.38	6.81	2.48	7.92	2.61	8.47	2.68
27.0	4.84	2.29	5.77	2.40	6.69	2.50	7.80	2.63	7.92	2.68

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SYMBOLS

AFR:	Air flow rate	(m^3/min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°C)
EDB:	Entering dry bulb temp.	(°C)
TC:	Total capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(kW)

NOTES

1. Capacities are based on the following conditions:
   (1) Corresponding refrigerant piping length: 7.5 m
   (2) Level difference: 0 m
2. ▭ shows nominal (rated) capacities and power input.

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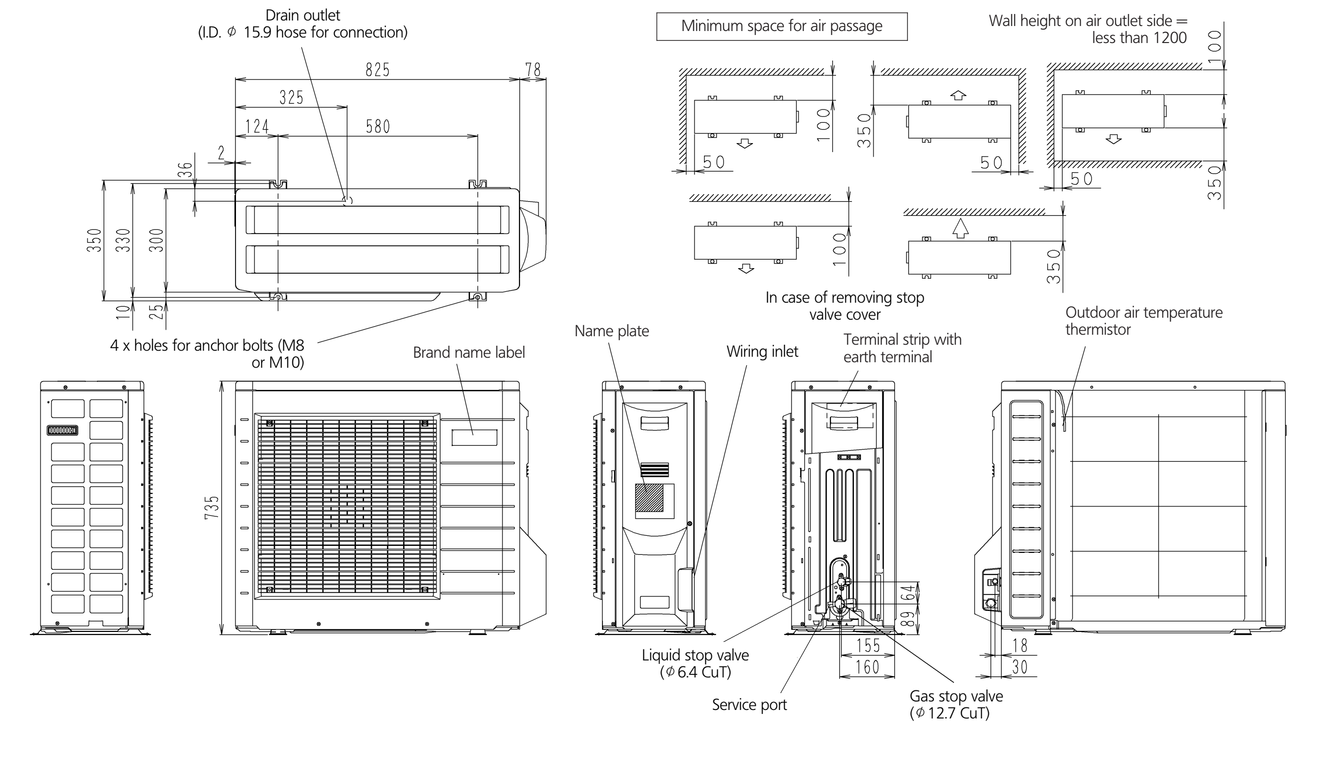
5 Dimensional drawing & centre of gravity

5 - 1 Dimensional drawing

RXS50-60F2V1B

unit (mm)



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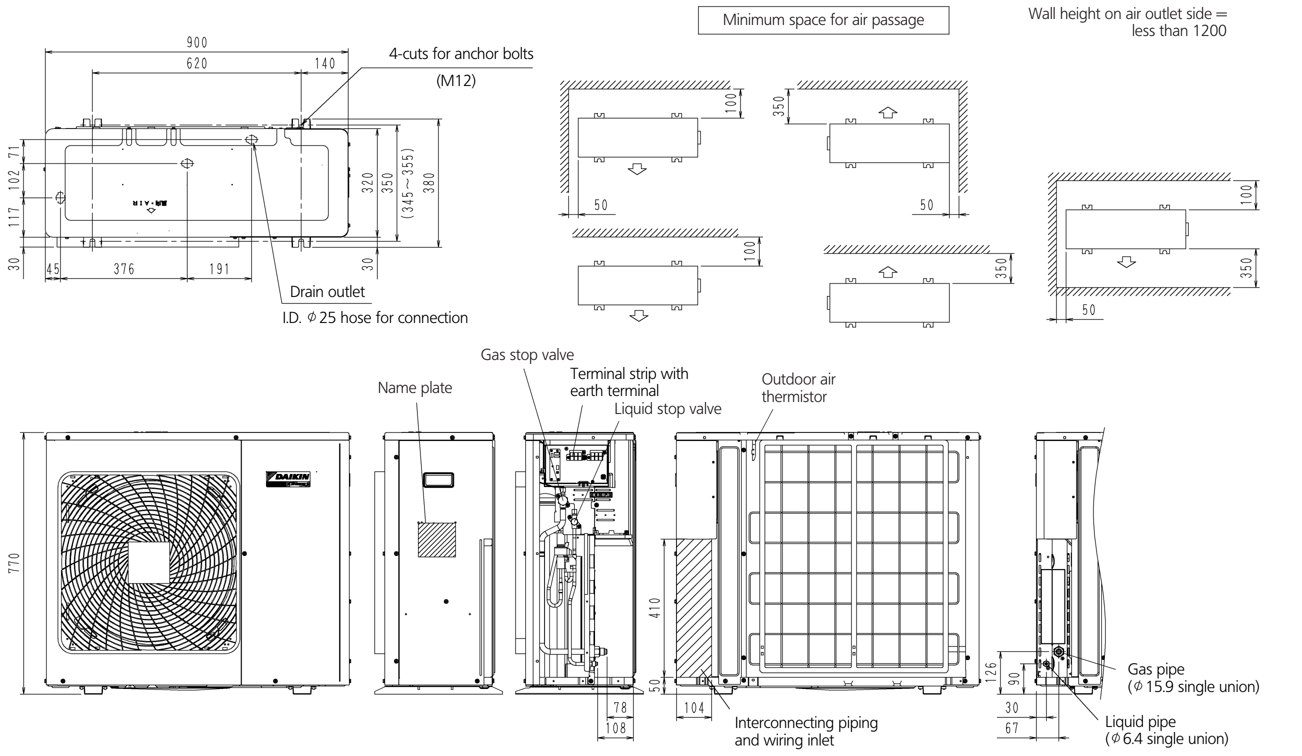
RXS71FV1B

unit (mm)



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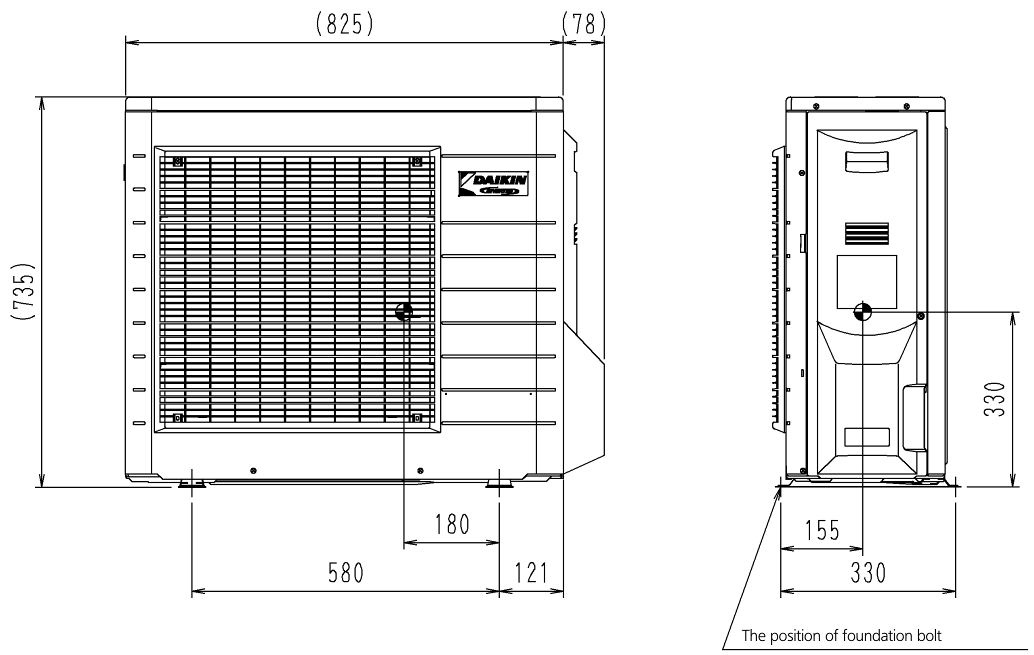
5 Dimensional drawing & centre of gravity

5 - 2 Centre of gravity

RXS50-60F2V1B



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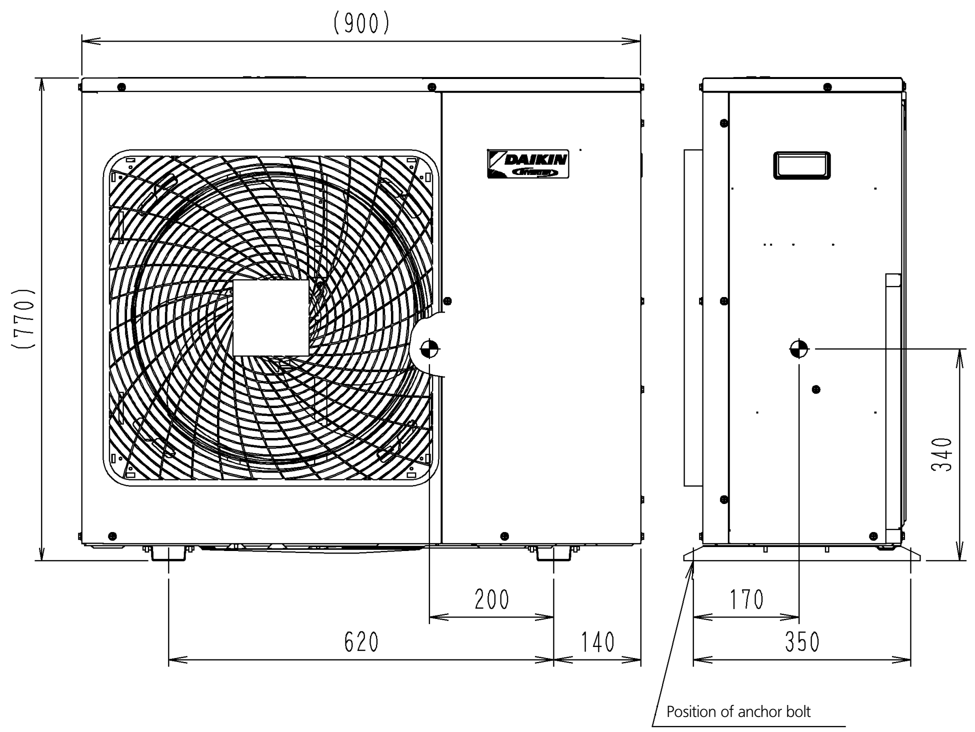
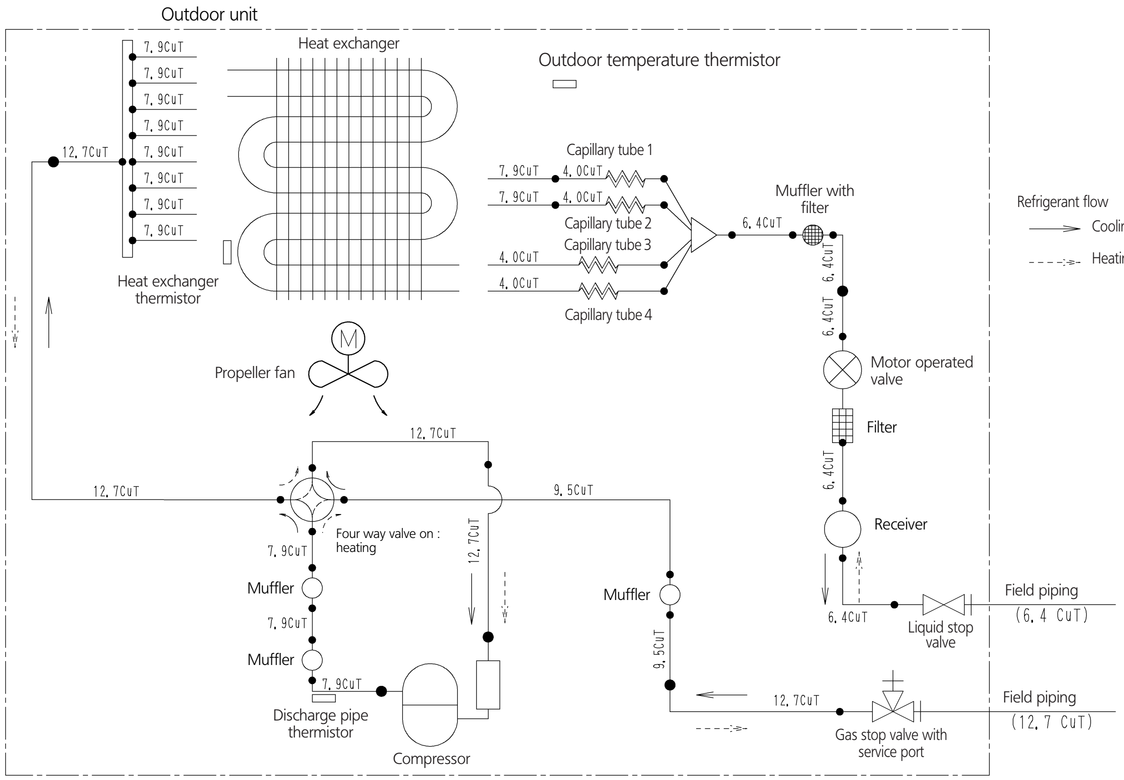
RXS71FV1B



4D053630B

6 Piping diagram

RXS50-60F2V1B



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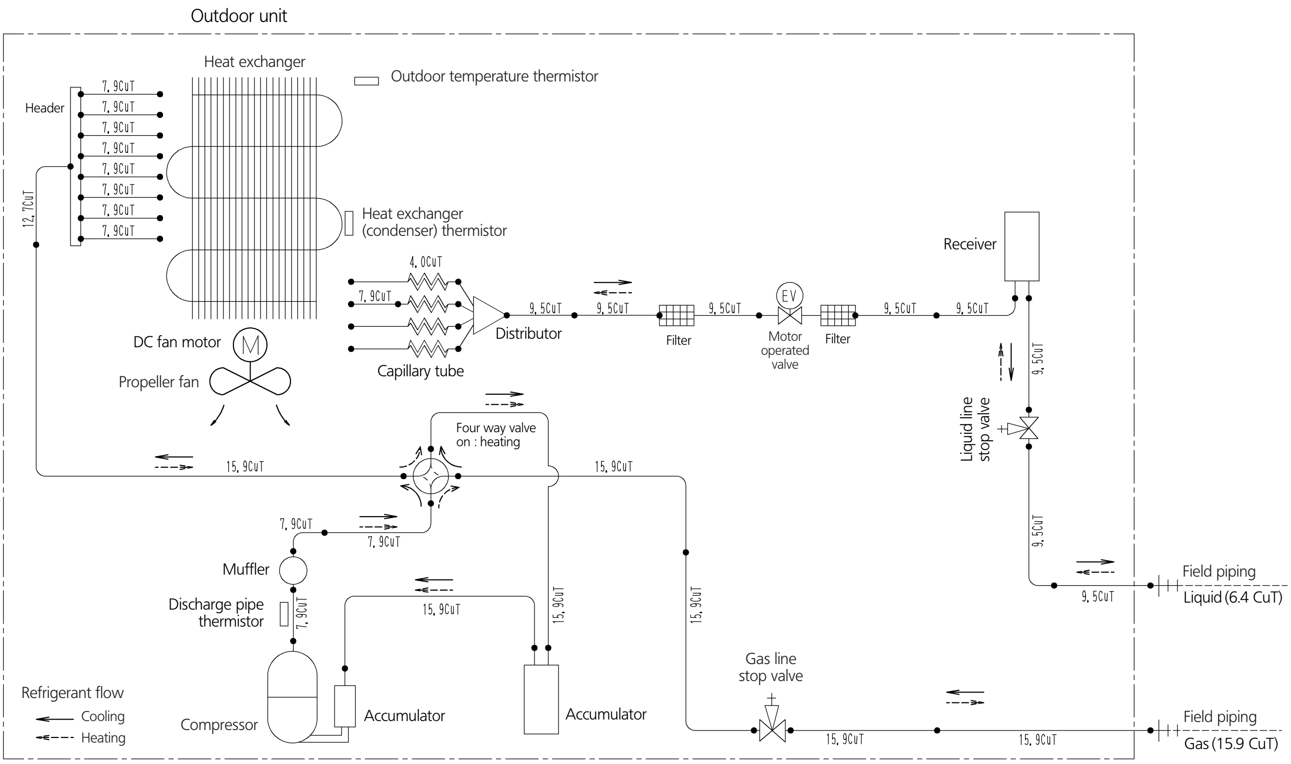

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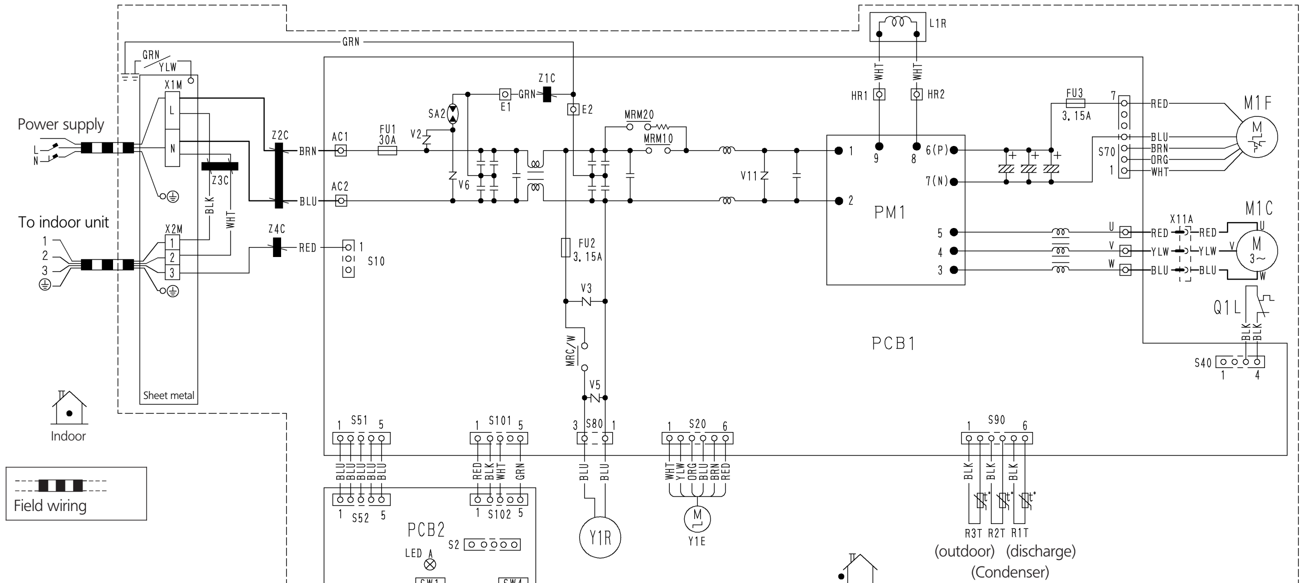
7 Wiring diagram

7 - 1 Wiring diagram

RXS60F2V1B



⏚ : Protective earth
Z1C~Z4C : Ferrite core
X1M,X2M : Terminal strip
Y1E : Electronic expansion valve coil
V2,V3,V5,V6,V11 : Varistor
SA2 : Surge arrester
F1U,F2U,FU3 : Fuse
AC1,AC2
U,V,W,X11A
E1,E2
HR1,HR2 : Connector
MRM10, MRM20,
MRC/W : Magnetic relay

R1T~R3T : Thermistor
S2~S102 : Connector
LEDA : Pilot lamp
L : Live
N : Neutral
S1W : Forced operation on/off switch (SW1)
S4W : Local setting SW (SW4)

M1C : Compressor motors
M1F : Fan motor
L1R : Reactor
Q1L : Overload protector
PM1 : Power module
PCB1, 2 : Printed circuit board
Sheet metal : Terminal strip fixed plate

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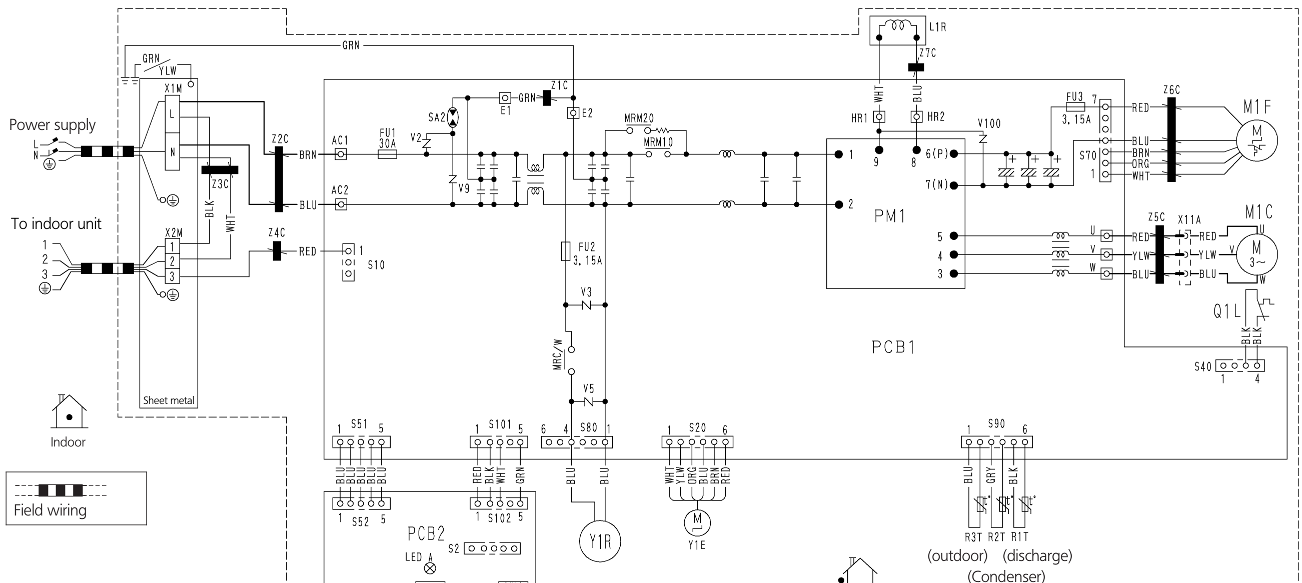
RXS71FV1B



⏚ : Protective earth
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AC1,AC2
U,V,W,X11A
E1,E2
HR1,HR2 : Connector
MRM10, MRM20,
MRC/W : Magnetic relay

R1T~R3T : Thermistor
S2~S102 : Connector
LEDA : Pilot lamp
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S4W : Local setting SW (SW4)

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M1F : Fan motor
L1R : Reactor
Q1L : Overload protector
PM1 : Power module
PCB1, 2 : Printed circuit board
Sheet metal : Terminal strip fixed plate

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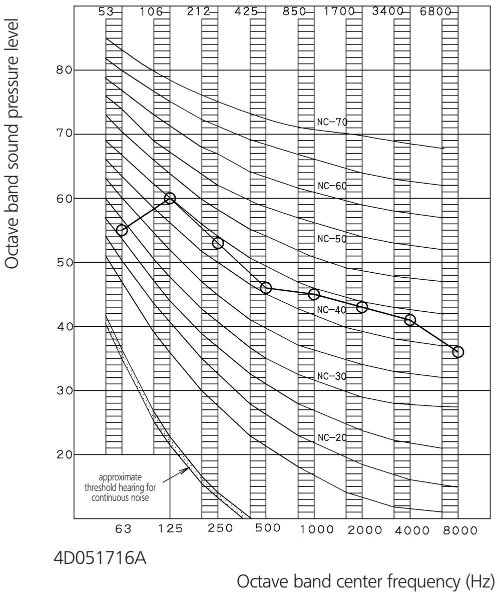
8 Sound data

8 - 1 Sound pressure spectrum

RXS60F2V1B (Cooling)



NOTES

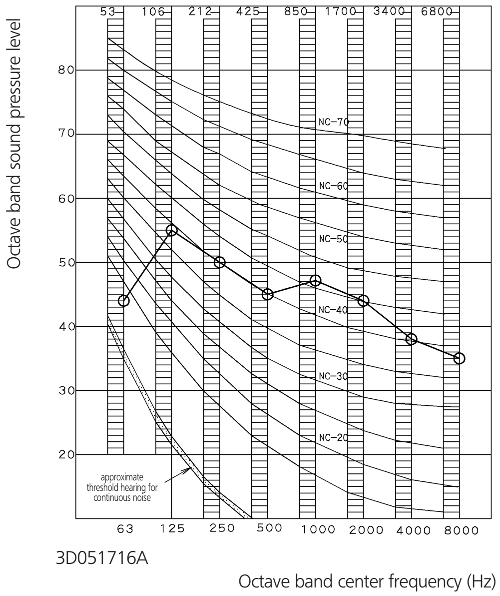
1 Measured in an echoic room

2 Operation noise differs with operation and ambient conditions.

Legend

O—O 50Hz, 220-240V

RXS60F2V1B (Heating)



NOTES

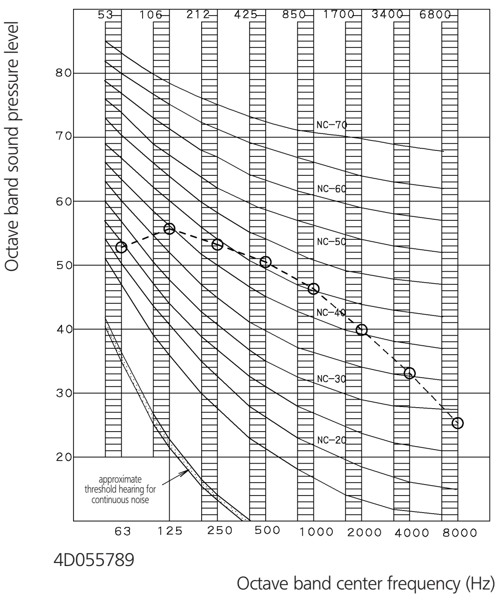
1 Measured in an echoic room

2 Operation noise differs with operation and ambient conditions.

Legend

O—O 50Hz, 220-240V

RXS71FV1B (Cooling)



NOTES

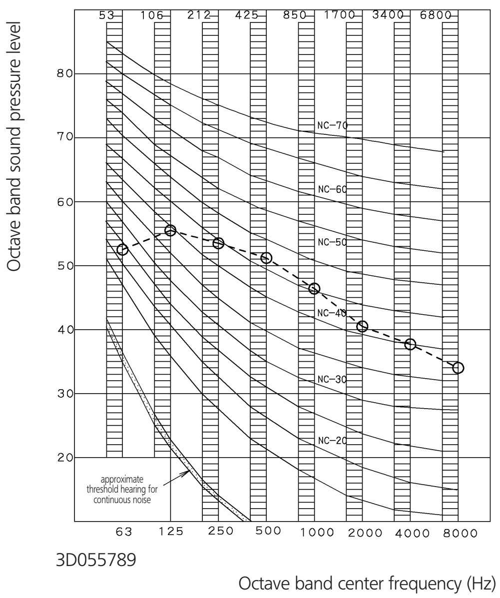
1 Measured in an anechoic room

2 Operation noise differs with operation and ambient conditions.

Legend

O—O 50Hz, 220-240V

RXS71FV1B (Heating)



NOTES

1 Measured in an anechoic room

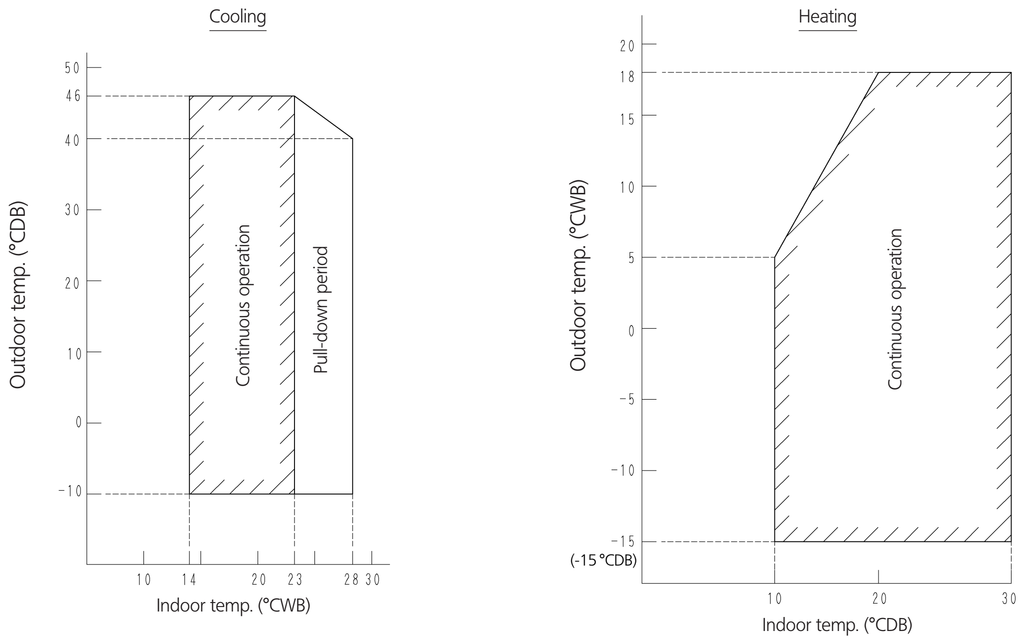
2 Operation noise differs with operation and ambient conditions.

Legend

O—O 50Hz, 220-240V

9 Operation range

RXS50-71F2V1B



Notes:

The graphs are based on the following conditions:

● Equivalent piping length	7.5 m
● Level difference	0 m
● Air flow rate	high

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