



Air Conditioners

Technical Data

Outdoor Unit - Pair application



EEDEN12-100

RXS-F

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RXS-F

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1 Features

- Outdoor units for pair application
- Energy saving during standby mode: reduces current consumption by about 80% when operating in standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the outdoor unit by 3dBA to ensure a quiet environment for the neighbourhood.
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency



2 Specifications

2-1 Nominal Capacity And Nominal Input				FTXS60G / RXS60F		FTXS71G / RXS71F	
Cooling capacity	Min.		kW	1.7	2.3		
			Btu/h	5,800	7,800		
	Nom.		kW	6.0 (3)	7.1 (3)		
			Btu/h	20,500 (3)	24,200 (3)		
	Max.		kW	6.7	8.5		
			Btu/h	22,900	29,000		
Heating capacity	Min.		kW	1.7	2.3		
			Btu/h	5,800	7,800		
	Nom.		kW	7.0 (4)	8.2 (4)		
			Btu/h	23,900 (4)	28,000 (4)		
	Max.		kW	8.0	10.2		
			Btu/h	27,300	34,800		
Power input	Cooling	Nom.	kW	1.99	2.35		
	Heating	Nom.	kW	2.04	2.55		
EER				3.02			
COP				3.43		3.22	
Annual energy consumption			kWh	995	1,175		
Energy label	Cooling		B				
	Heating		B		C		

Notes

- (1) Energy label: scale from A (most efficient) to G (less efficient)
- (2) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions)
- (3) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m
- (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m

2-1 Nominal Capacity And Nominal Input				FBQ60C8 / RXS60F			
Cooling capacity	Nom.		kW	5.70 (3)			
Heating capacity	Nom.		kW	7.00 (4)			
Power input	Cooling	Nom.	kW	1.75			
	Heating	Nom.	kW	2.05			
EER				3.26			
COP				3.41			
Annual energy consumption			kWh	875			
Energy label	Cooling		A				
	Heating		B				

Notes

- (1) Energy label: scale from A (most efficient) to G (less efficient)
- (2) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions)
- (3) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m
- (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m

2-1 Nominal Capacity And Nominal Input				FFQ60B9V / RXS60F			
Cooling capacity	Nom.		kW	5.80 (3)			
Heating capacity	Nom.		kW	7.00 (4)			
Power input	Cooling	Nom.	kW	2.07			
	Heating	Nom.	kW	2.49			
EER				2.80			
COP				2.81			
Annual energy consumption			kWh	1,035			
Energy label	Cooling		D				
	Heating		D				

Notes

- (1) Energy label: scale from A (most efficient) to G (less efficient)
- (2) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions)
- (3) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m
- (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m

2 Specifications

2

2-1 Nominal Capacity And Nominal Input				FCQG60F / RXS60F
Cooling capacity	Nom.		kW	5.70 (3)
Heating capacity	Nom.		kW	7.00 (4)
Power input	Cooling	Nom.	kW	1.64
	Heating	Nom.	kW	1.99
EER				3.48
COP				3.52
Annual energy consumption			kWh	820
Energy label	Cooling			A
	Heating			B

Notes

- (1) Energy label: scale from A (most efficient) to G (less efficient)
- (2) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions)
- (3) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m
- (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m

2-1 Nominal Capacity And Nominal Input				FHQ60B8 / RXS60F
Cooling capacity	Min.		kW	1.7
			Btu/h	5,800
			kcal/h	1,460
	Nom.		kW	5.7 (3)
			Btu/h	19,400 (3)
			kcal/h	4,900 (3)
	Max.		kW	6.0
			Btu/h	20,500
			kcal/h	5,160
Heating capacity	Min.		kW	1.7
			Btu/h	5,800
			kcal/h	1,460
	Nom.		kW	7.2 (4)
			Btu/h	24,600 (4)
			kcal/h	6,190 (4)
	Max.		kW	8.0
			Btu/h	27,300
			kcal/h	6,880
Power input	Cooling	Min.	kW	0.440
		Nom.	kW	2.150
		Max.	kW	2.230
	Heating	Min.	kW	0.400
		Nom.	kW	2.490
		Max.	kW	2.750
EER				2.65
COP				2.89
Annual energy consumption			kWh	1,075
Energy label	Cooling			D
	Heating			D
Piping connections	Liquid	OD	mm	6.35
	Gas	OD	mm	12.7
	Heat insulation			Both liquid and gas pipes

Notes

- (1) Energy label: scale from A (most efficient) to G (less efficient)
- (2) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions)
- (3) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m
- (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m

4

2 Specifications

2-1 Nominal Capacity And Nominal Input				FDXS60C / RXS60F	
Cooling capacity	Min.		kW	1.7 (3)	
			Btu/h	5,800 (3)	
			kcal/h	1,460 (3)	
	Nom.		kW	6.0 (3)	
			Btu/h	20,500 (3)	
			kcal/h	5,160 (3)	
	Max.		kW	6.5 (3)	
			Btu/h	22,200 (3)	
			kcal/h	5,590 (3)	
Heating capacity	Min.		kW	1.7 (4)	
			Btu/h	5,800 (4)	
			kcal/h	1,460 (4)	
	Nom.		kW	7.0 (4)	
			Btu/h	23,900 (4)	
			kcal/h	6,020 (4)	
	Max.		kW	8.0 (4)	
			Btu/h	27,300 (4)	
			kcal/h	6,880 (4)	
Power input	Cooling	Min.	kW	0.440	
		Nom.	kW	2.130	
		Max.	kW	2.490	
	Heating	Min.	kW	0.400	
		Nom.	kW	2.320	
		Max.	kW	3.180	
EER				2.82	
COP				3.02	
Annual energy consumption			kWh	1,065	
Energy label	Cooling			C	
	Heating			D	
Piping connections	Liquid	OD	mm	6.35	
	Gas	OD	mm	12.7	
	Drain	OD	mm	26	
	Heat insulation			Both liquid and gas pipes	

Notes

- (1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 7.5m
- (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m
- (3) Energy label: scale from A (most efficient) to G (less efficient)
- (4) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions)
- (5) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m
- (6) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m.
- (7) When connected with multi-system outdoor unit, refer to the specifications of the multi outdoor unit to be connected.

2-2 Technical Specifications				RXS60F	RXS71F
Casing	Colour			Ivory white	
Dimensions	Unit	Height	mm	735	770
		Width	mm	825	900
		Depth	mm	300	320
	Packed unit	Height	mm	797	900
		Width	mm	960	925
		Depth	mm	390	
Weight	Unit		kg	48	71
	Packed unit		kg	53	80

2 Specifications

2

2-2 Technical Specifications					RXS60F	RXS71F	
Heat exchanger	Length		mm		845	857	
	Rows	Quantity				2	
	Fin pitch		mm		1.8	1.40	
	Stages	Quantity				32	34
	Tube type				ø8 Hi-XA	ø8 Hi-XSS	
	Fin	Type		Waffle louvered fin			
Fan	Type		Propeller fan				
	Air flow rate	Cooling	High	m ³ /min	50.9	54.5	
				cfm	1,797	1,924	
			Low	m ³ /min	42.4	57.1	
				cfm	1,496	1,624	
			Super low	m ³ /min	-	-	
				cfm	-	-	
		Heating	High	m ³ /min	46.3	52.5	
				cfm	1,635	1,854	
			Low	m ³ /min	42.4	46.0	
				cfm	1,496	1,624	
			Super low	m ³ /min	-	-	
				cfm	-	-	
	Running current	Cooling	Low	A	8.23	9.71	
			Standard	A	8.62	10.20	
			High	A	9.01	10.59	
		Heating	Low	A	8.41	10.44	
			Standard	A	8.80	10.93	
			High	A	9.19	11.42	
		Power consumption	Cooling	Low	W	1,950	2,305
				Standard	W	1,950	2,305
				High	W	1,950	2,305
Heating	Low		W	1,995	2,490		
	Standard		W	1,995	2,490		
	High		W	1,995	2,490		
Fan motor	Model				KFD-380-50-8C	KFD-280-66-8A	
	Output		W		53.00	66.00	
	Speed	Cooling	High	rpm	810	860	
			Low	rpm	680	730	
			Super low	rpm	-	-	
		Heating	High	rpm	740	830	
			Low	rpm	680	730	
			Super low	rpm	-	-	
	Sound power level	Cooling	Nom.		dBA	63	66
			High		dBA	49	52
Heating		High		dBA	49	52	
		Low		dBA	46	49	
Sound pressure level	Cooling	High		dBA	49	52	
		Low		dBA	46	49	
	Heating	High		dBA	49	52	
		Low		dBA	46	49	
Compressor	Model				2YC36BXD#C	2YC36BXD#A	
	Type		Hermetically sealed swing compressor				
Operation range	Cooling	Ambient	Min.	°CDB	-10		
			Max.	°CDB	46		
	Heating	Ambient	Min.	°CWB	-15		
			Max.	°CWB	20		
Refrigerant	Type		R-410A				
	Charge		kg		1.5	2.3	
Refrigerant oil	Type		FVC50K				
	Charged volume		l		0.65	0.75	

2 Specifications

2-2 Technical Specifications					RXS60F	RXS71F
Piping connections	Drain	ID		mm	-	
	Piping length	OU - IU	Max.	m	30	
		System	Chargeless		m	10
	Level difference	IU - OU	Max.	m	20	

2-3 Electrical Specifications					RXS60F	RXS71F
Power supply	Phase				1~	
	Frequency			Hz	50	
	Voltage			V	220-240	
Current	Starting current	Cooling		A	9.4	11.7
		Heating		A	9.4	11.7
Wiring connections	For power supply	Quantity			3	
	For connection with indoor	Quantity			4	
		Remark			Earth wire included	

Notes

- (1) 220V
- (2) 230V
- (3) 240V

3 Electrical data

3 - 1 Electrical Data

3

RXS60F

Representative unit combination		Power supply				COMP	OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RLA	W	FLA	W	FLA
FHQ60B8	RXS60F	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	18	20	8.84	53	0.24	55	0.60
		50 - 230								
		50 - 240								

Minimum Ssc value kVA Equipment complying with EN61000-3-12

3D067821A

SYMBOLS

- MCA : Min. Circuit Amps (A)
- MFA : Max. Fuse Amps (A)
- RLA : Rated Load Amps (A)
- OFM : Outdoor fan motor
- IFM : Indoor Fan Motor
- FLA : Full Load Amps (A)
- W : Fan Motor Rated 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 variation between phases is 2%.
- 3 Select wire size based on the larger value of MCA.
- 4 Instead of fuse, use circuit breaker.

RXS60F

Representative unit combination		Power supply				COMP	OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RLA	W	FLA	W	FLA
FFQ60B9V	RXS60F	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	18	20	8.45	53	0.24	62	0.70
		50 - 230								
		50 - 240								

Minimum Ssc value kVA Equipment complying with EN61000-3-12

3D067822

SYMBOLS

- MCA : Min. Circuit Amps (A)
- MFA : Max. Fuse Amps (A)
- RLA : Rated Load Amps (A)
- OFM : Outdoor fan motor
- IFM : Indoor Fan Motor
- FLA : Full Load Amps (A)
- W : Fan Motor Rated 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 variation between phases is 2%.
- 3 Select wire size based on the larger value of MCA.
- 4 Instead of fuse, use circuit breaker.

3 Electrical data

3 - 1 Electrical Data

**RXS60F3
RKS60F3**

Representative unit combination		Power supply				Comp		OFM		IFM	
Indoor unit	Outdoor unit	Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS60FV1B	RXS60F3V1B	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				

Minimum Ssc value kVA Equipment complying with EN61000-3-12

3

SYMBOLS

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

NOTES

1. RLA is based on the following conditions.
 - Indoor temp. 27°C DB/19.0°C WB.
 - Outdoor temp. 35°C DB.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.

3D056032B

RXS60F

Representative unit combination		Power supply				COMP	OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RLA	W	FLA	W	FLA
FBQ60C8	RXS60F	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	19.75	20	7.4	53	0.19	56	0.40
		50 - 230				7.1				
		50 - 240				6.8				

Minimum Ssc value kVA Equipment complying with EN61000-3-12

3D067823

SYMBOLS

- MCA : Min. Circuit Amps (A)
- MFA : Max. Fuse Amps (A)
- RLA : Rated Load Amps (A)
- OFM : Outdoor fan motor
- IFM : Indoor Fan Motor
- FLA : Full Load Amps (A)
- W : Fan Motor Rated 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 variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.

3 Electrical data

3 - 1 Electrical Data

3

RXS71FA
RKS71FA

Representative unit combination		Power supply				Comp		OFM		IFM	
Indoor unit	Outdoor unit	Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS71GV1B	RXS71FAV1B	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				

Minimum Ssc value	kVA	Equipment complying with EN61000-3-12
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SYMBOLS

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

NOTES

1. RLA is based on the following conditions.
 - Indoor temp. 27°C DB/19.0°C WB.
 - Outdoor temp. 35°C DB.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.

3D056032B

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FBQ60C8-RXS60F

Cooling 50Hz 220 - 240V

AFR	18
BF	0.15

Indoor		Outdoor temperature (°CDB)																	
EWB °C	EDB °C	20			25			30			32			35			40		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.84	4.42	1.34	5.57	4.29	1.47	5.31	4.16	1.60	5.20	4.11	1.65	5.04	4.03	1.73	4.78	3.90	1.86
16.0	22	6.10	4.34	1.35	5.84	4.22	1.48	5.57	4.10	1.61	5.47	4.05	1.66	5.31	3.98	1.74	5.04	3.86	1.87
18.0	25	6.36	4.56	1.36	6.10	4.45	1.49	5.83	4.33	1.62	5.73	4.29	1.67	5.57	4.22	1.74	5.30	4.11	1.87
19.0	27	6.50	4.82	1.36	6.23	4.71	1.49	5.97	4.60	1.62	5.86	4.56	1.67	5.70	4.50	1.75	5.43	4.39	1.88
22.0	30	6.89	4.66	1.37	6.62	4.56	1.50	6.36	4.46	1.63	6.25	4.42	1.68	6.09	4.37	1.76	5.83	4.27	1.89
24.0	32	7.15	4.54	1.38	6.89	4.45	1.51	6.62	4.36	1.64	6.52	4.33	1.69	6.36	4.27	1.77	6.09	4.19	1.90

Heating 50Hz 220 - 240V

AFR	18
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Indoor		Outdoor temperature (°CWB)									
EDB °C	TC	-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	4.71	1.74	5.50	1.82	6.29	1.91	7.24	2.01	7.87	2.07	
20.0	4.47	1.78	5.26	1.87	6.05	1.95	7.00	2.05	7.63	2.12	
22.0	4.37	1.80	5.16	1.89	5.95	1.97	6.90	2.07	7.54	2.14	
24.0	4.28	1.82	5.07	1.90	5.86	1.99	6.81	2.09	7.44	2.16	
25.0	4.23	1.83	5.02	1.91	5.81	2.00	6.76	2.10	7.39	2.17	
27.0	4.13	1.85	4.92	1.93	5.71	2.02	6.66	2.12	7.29	2.19	

3TW31292-3B

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 heat capacity	(kW)
PI:	Power input	(kW)

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCQG60F + RXS60F

Cooling 50Hz 220-240V

AFR	13.6
BF	0.20

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	13.6
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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

3D077501

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 heat capacity	(kW)
PI:	Power input	(kW)

NOTES

- Capacities are based on the following conditions:
 (1) Corresponding refrigerant piping length: 5m
 (2) Level difference: 0m
- | |
|--|
| |
|--|

 shows nominal (rated) capacities and power input.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FFQ60B9V + RXS60F

Cooling 50Hz 230V

AFR	15.0
BF	0.11

Indoor		Outdoor temperature (°CDB)																	
EWB (°C)	EDB (°C)	20			25			30			32			35			40		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	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 (°C)	TC	-15		-10		-5		0		6		10	
		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	

3D041028

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 heat capacity	(kW)
PI:	Power input	(kW)

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat.
- Shows nominal (rated) capacities and power input.
- 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.)
- SHC is based on each EWB and EDB.
 $SHC^* = SHC \text{ correction for other dry bulb.}$
 $= 0.02 * AFR(m^3/min.) * (1 - BF) * (DB^* - EDB)$
 Add SHC* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length: 7.5m
 Level difference: 0m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FHQ60B8+RXS60F

Cooling 50Hz 230V

AFR	17
BF	0.2

Indoor		Outdoor temperature (°CDB)																	
EWB °C	EDB °C	20			25			30			32			35			40		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.84	4.25	1.65	5.57	4.12	1.81	5.31	3.98	1.97	5.20	3.93	2.03	5.04	3.85	2.13	4.78	3.72	2.29
16.0	22	6.10	4.18	1.66	5.84	4.05	1.82	5.57	3.93	1.98	5.47	3.88	2.04	5.31	3.80	2.14	5.04	3.68	2.29
18.0	25	6.36	4.36	1.67	6.10	4.25	1.83	5.83	4.13	1.99	5.73	4.08	2.05	5.57	4.01	2.15	5.30	3.90	2.30
19.0	27	6.50	4.59	1.67	6.23	4.48	1.83	5.97	4.36	1.99	5.86	4.32	2.05	5.70	4.25	2.15	5.43	4.14	2.31
22.0	30	6.89	4.42	1.69	6.62	4.32	1.85	6.36	4.22	2.01	6.25	4.18	2.07	6.09	4.12	2.16	5.83	4.03	2.32
24.0	32	7.15	4.30	1.70	6.89	4.21	1.86	6.62	4.12	2.01	6.52	4.08	2.08	6.36	4.03	2.17	6.09	3.94	2.33

Heating 50Hz 230V

AFR	16
-----	----

Indoor		Outdoor temperature (°CWB)											
EDB °C	°C	-15		-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		4.03	2.00	4.85	2.11	5.66	2.21	6.47	2.31	7.45	2.43	8.10	2.52
20.0		3.79	2.06	4.60	2.16	5.41	2.26	6.22	2.37	7.20	2.49	7.85	2.57
22.0		3.69	2.08	4.50	2.18	5.31	2.29	6.12	2.39	7.10	2.51	7.75	2.59
24.0		3.59	2.10	4.40	2.21	5.21	2.31	6.03	2.41	7.00	2.53	7.51	2.62
25.0		3.54	2.12	4.35	2.22	5.16	2.32	5.98	2.42	6.95	2.55	7.28	2.63
27.0		3.44	2.14	4.25	2.24	5.06	2.34	5.88	2.45	6.81	2.57	6.81	2.65

3D075749

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 heat capacity	(kW)
PI:	Power input	(kW)

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXS60GV1B+RXS60F3V1B

Cooling 50Hz 220-240V

AFR	16.0
BF	0.29

Indoor		Outdoor temperature (°C DB)																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.53	3.90	1.49	5.53	3.90	1.66	5.53	3.90	1.82	5.48	3.87	1.88	5.31	3.78	1.97	5.03	3.63	2.12
16.0	22	6.42	4.16	1.54	6.14	4.01	1.68	5.86	3.87	1.83	5.75	3.81	1.89	5.59	3.73	1.98	5.31	3.59	2.12
18.0	25	6.70	4.29	1.54	6.42	4.16	1.69	6.14	4.03	1.84	6.03	3.97	1.90	5.86	3.89	1.99	5.58	3.77	2.13
19.0	27	6.84	4.47	1.55	6.56	4.34	1.70	6.28	4.21	1.84	6.17	4.16	1.90	6.00	4.09	1.99	5.72	3.96	2.14
22.0	30	7.25	4.29	1.56	6.97	4.18	1.71	6.69	4.06	1.86	6.58	4.02	1.91	6.41	3.95	2.00	6.14	3.84	2.15
24.0	32	7.53	4.16	1.57	7.25	4.06	1.72	6.97	3.95	1.86	6.86	3.91	1.92	6.69	3.85	2.01	6.41	3.75	2.16

Heating 50Hz 220-240V

AFR	17.2
-----	------

Indoor		Outdoor temperature (°C WB)									
EDB		-10		-5		0		6		10	
°C	°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

SYMBOLS

- AFR : Air flow rate (m³/min.)
- BF : Bypass factor
- EWB : Entering wet bulb temp. (°C)
- EDB : Entering dry bulb temp. (°C)
- TC : Total capacity (kW)
- SHC : Sensible heat 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 the following conditions.
 - (1) Corresponding refrigerant piping length : 5m
 - (2) Level difference : 0m
6. Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

3D066318

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

4

FTXS71G + RXS71F

Cooling 50Hz 220-240V

AFR	17.2
BF	0.17

Indoor		Outdoor temperature (°CDB)																	
EWB °C	EDB °C	20			25			30			32			35			40		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	6.95	4.90	1.77	6.94	4.89	1.98	6.61	4.72	2.15	6.48	4.65	2.22	6.28	4.54	2.32	5.95	4.37	2.50
16.0	22	7.60	4.98	1.81	7.27	4.81	1.99	6.94	4.65	2.16	6.81	4.58	2.23	6.61	4.48	2.33	6.28	4.32	2.51
18.0	25	7.93	5.16	1.82	7.60	5.00	2.00	7.27	4.85	2.17	7.13	4.79	2.24	6.94	4.70	2.34	6.61	4.55	2.52
19.0	27	8.09	5.39	1.83	7.76	5.24	2.00	7.43	5.09	2.18	7.30	5.03	2.25	7.10	4.94	2.35	6.77	4.80	2.52
22.0	30	8.58	5.18	1.84	8.25	5.04	2.02	7.92	4.91	2.19	7.79	4.86	2.26	7.59	4.78	2.37	7.26	4.65	2.54
24.0	32	8.91	5.02	1.85	8.58	4.90	2.03	8.25	4.78	2.20	8.12	4.73	2.27	7.92	4.66	2.38	7.59	4.54	2.55

Heating 50Hz 220-240V

AFR	19.5
-----	------

Indoor		Outdoor temperature (°CWB)									
EDB °C	°C	-10		-5		0		6		10	
		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	8.65	2.68
25.0		4.95	2.27	5.88	2.38	6.81	2.48	7.92	2.61	8.38	2.67
27.0		4.84	2.29	5.77	2.40	6.69	2.50	7.80	2.63	7.84	2.67

3D066316A

SYMBOLS

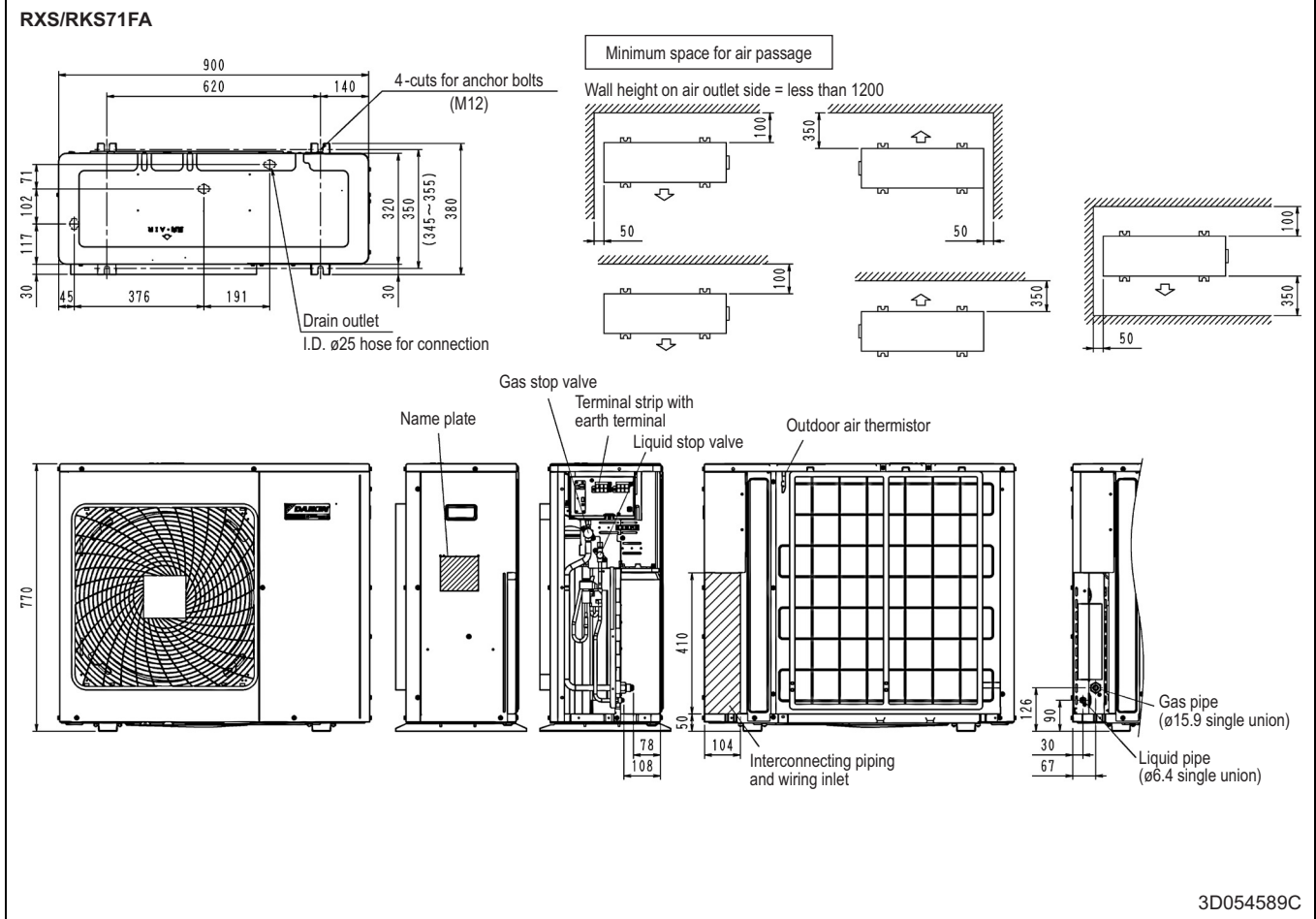
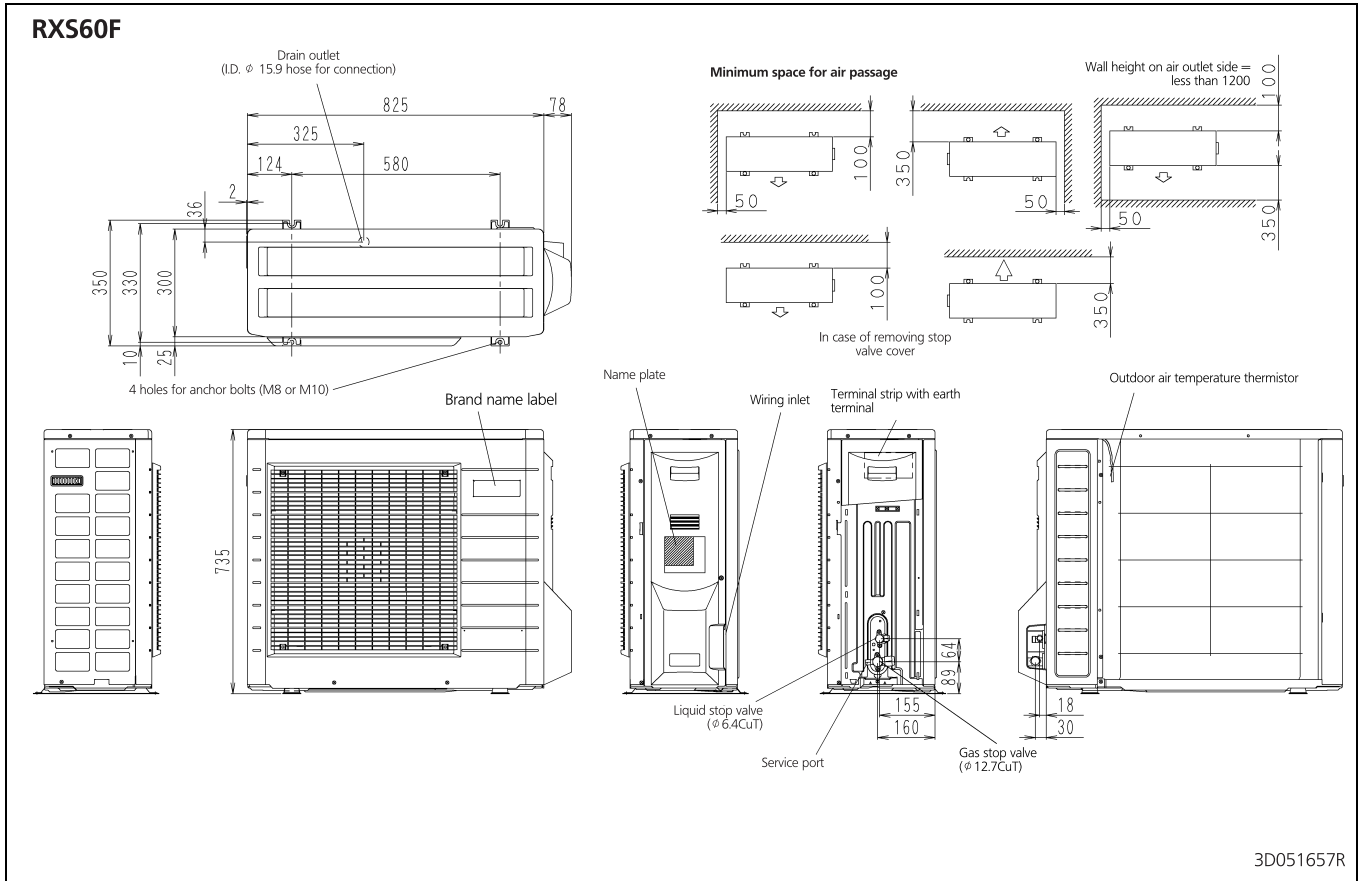
AFR:	Air flow rate	(m ³ /min.)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°C)
EDB:	Entering dry bulb temp.	(°C)
TC:	Total capacity	(kW)
SHC:	Sensible heat capacity	(kW)
PI:	Power input	(kW)

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 the following conditions:
 - (1) Corresponding refrigerant piping length: 5m
 - (2) Level difference: 0m
6. Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

5 Dimensional drawings

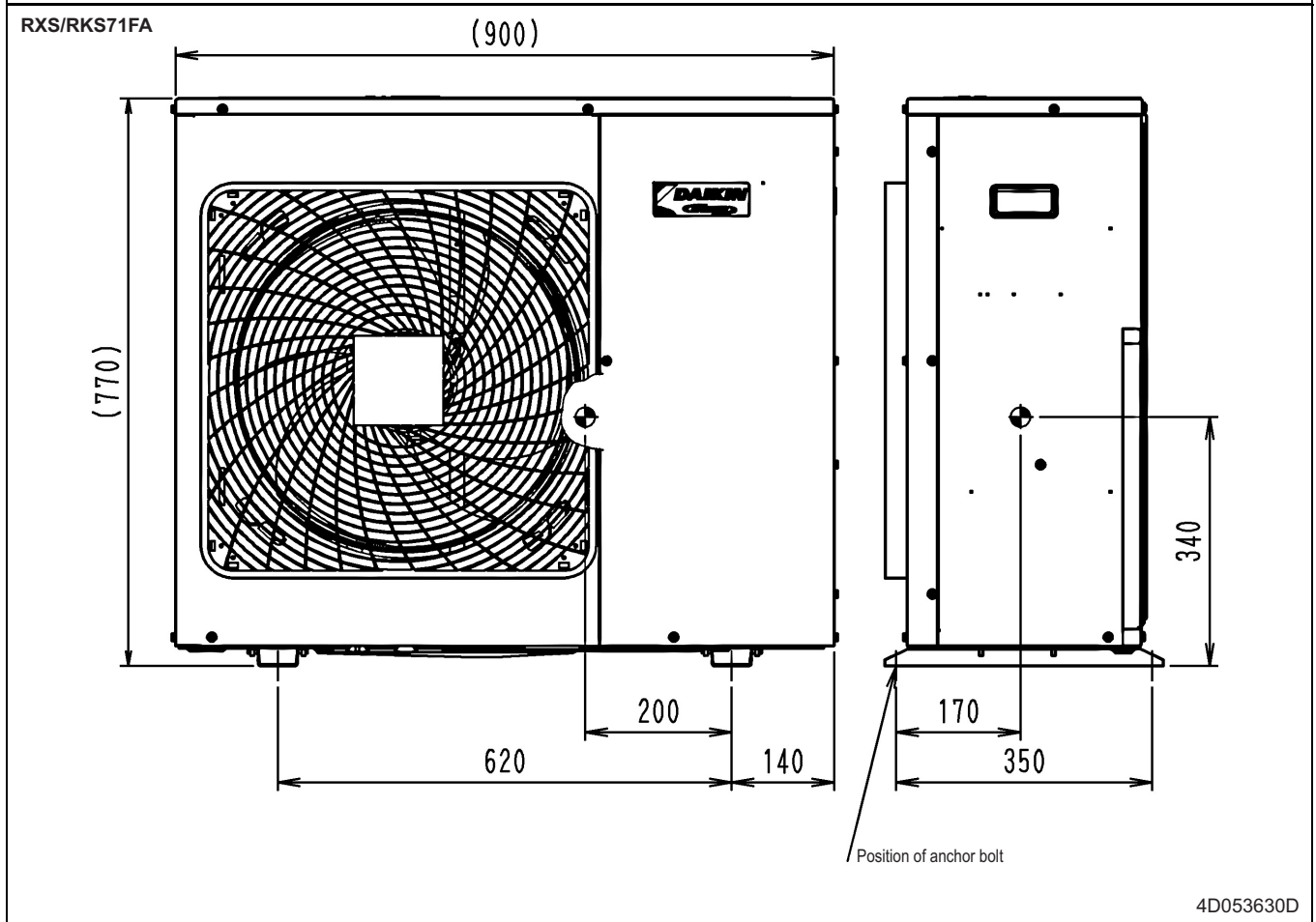
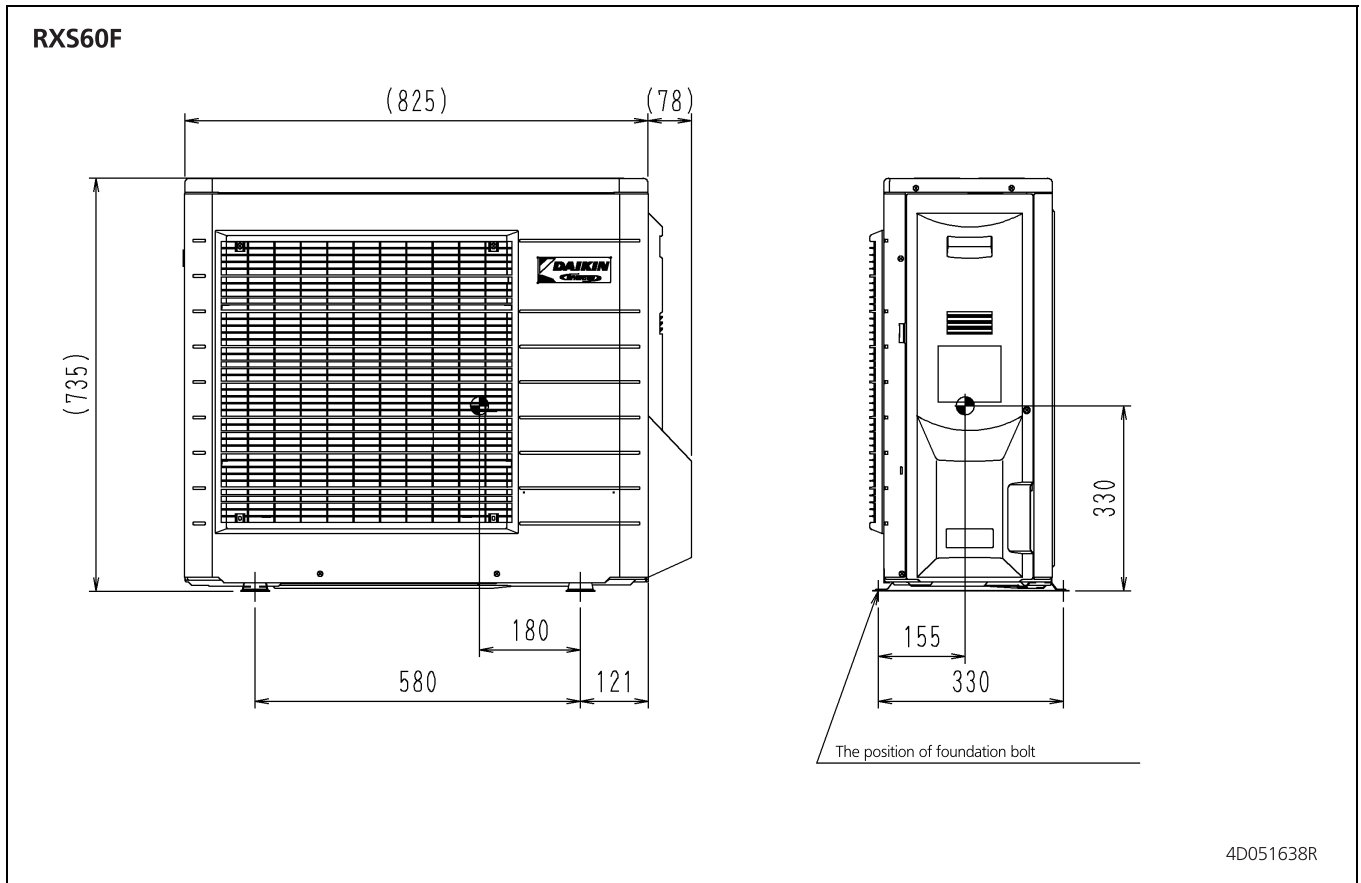
5 - 1 Dimensional Drawings



6 Centre of gravity

6 - 1 Centre of Gravity

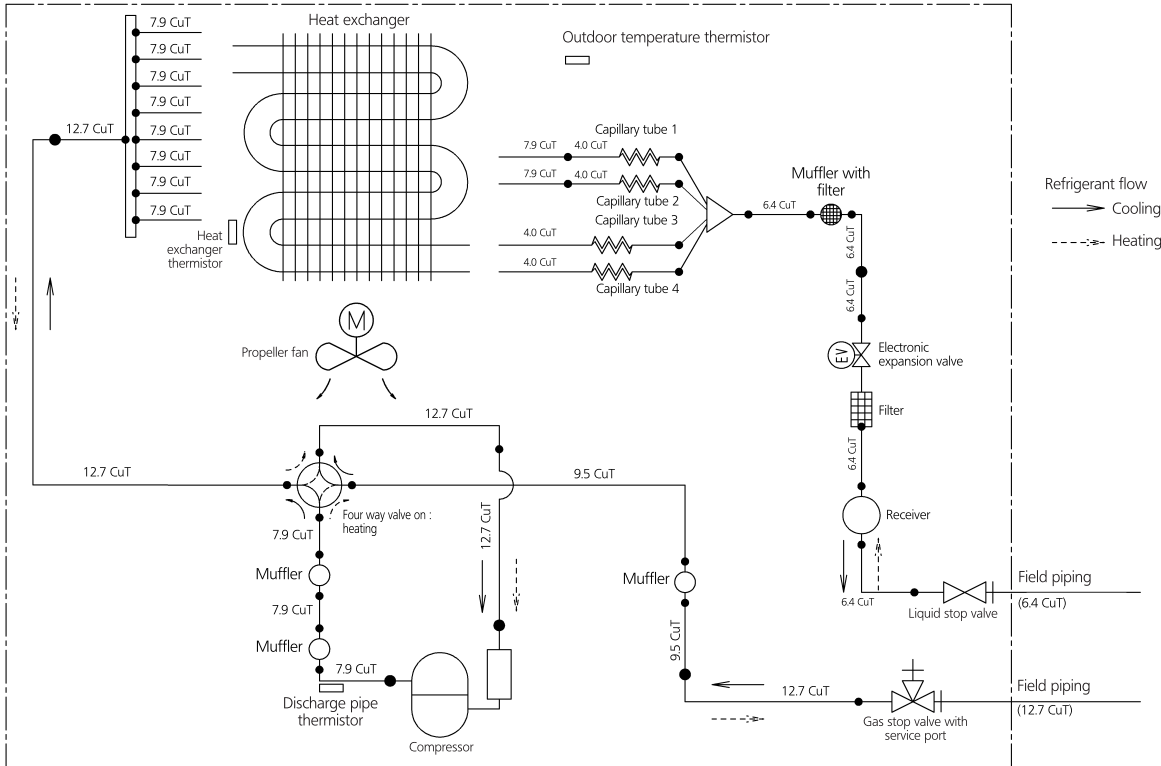
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7 Piping diagrams

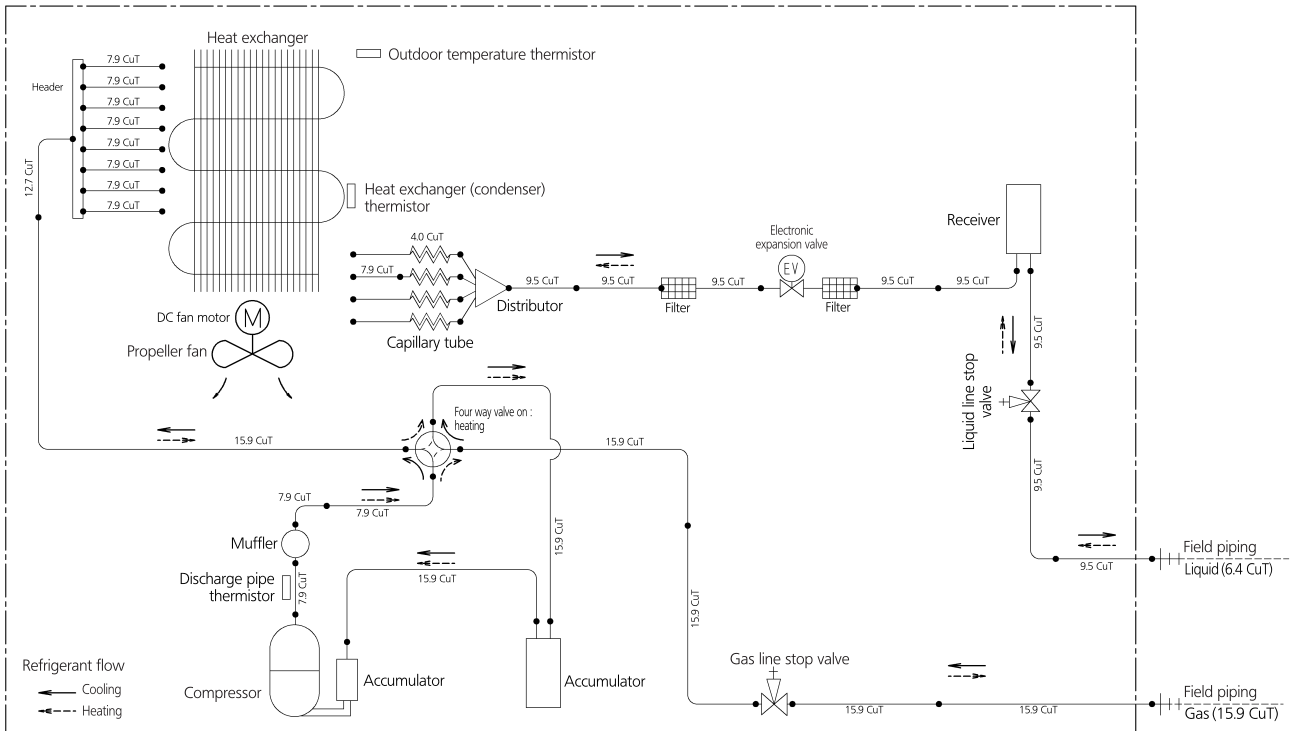
7 - 1 Piping Diagrams

RXS60F



3D051637X

RXS71F

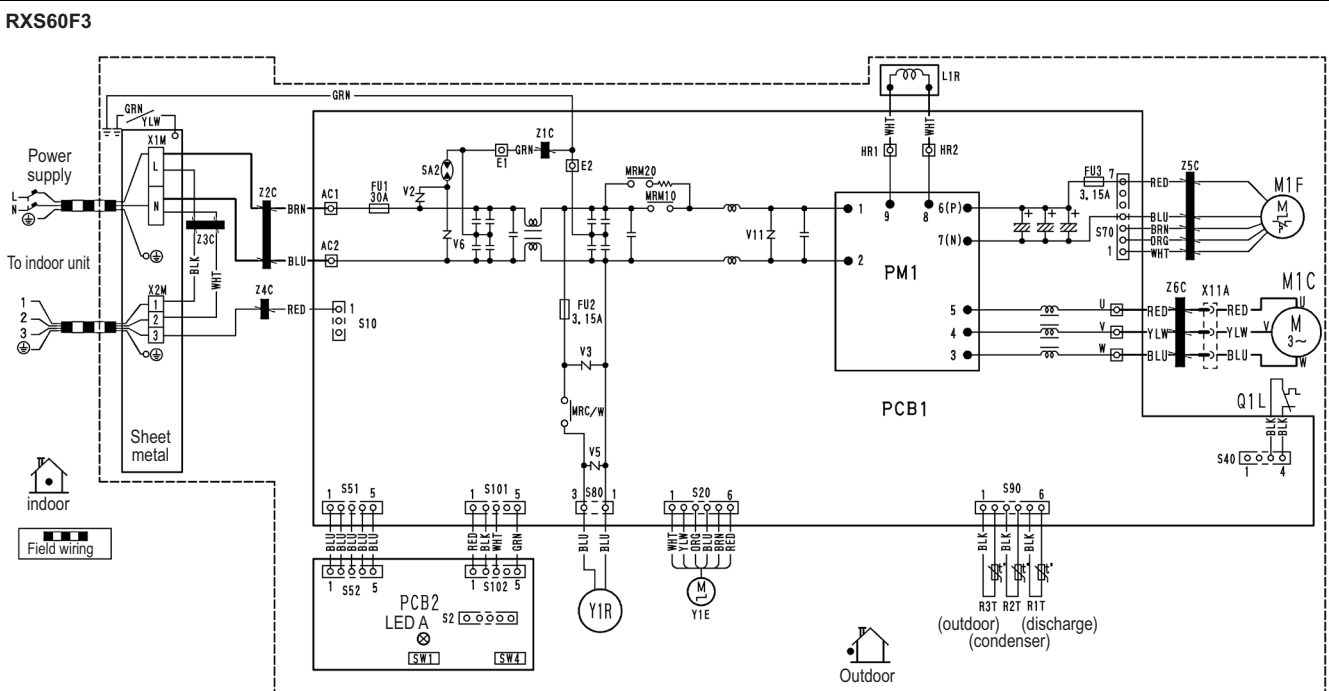


3D054593K

8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

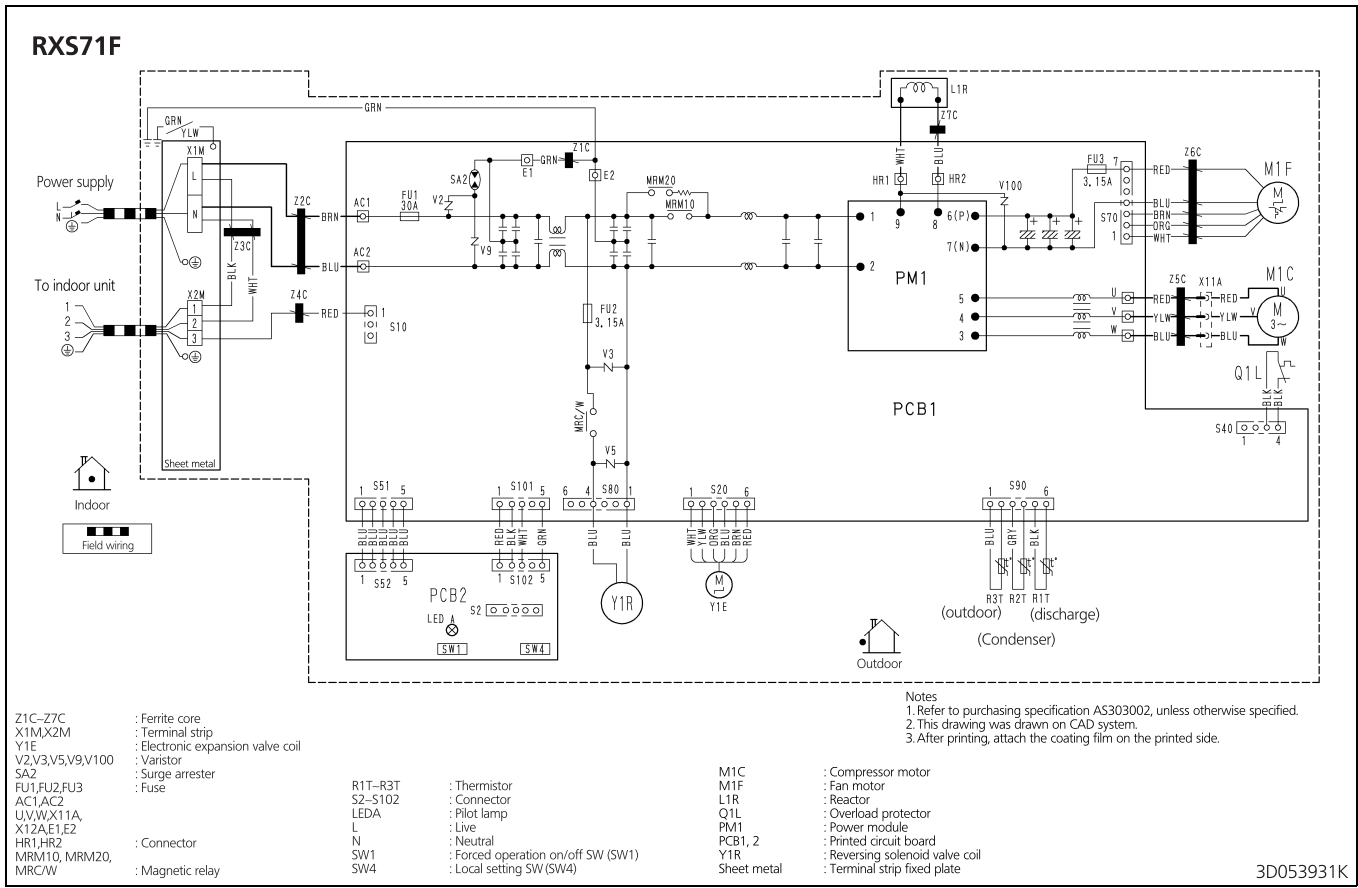
8



Z1C~Z6C	Ferrite core	LED A	Pilot lamp
X1M, X2M	Terminal strip	L	Live
Y1E	Electronic expansion valve coil	N	Neutral
V2, V3, V5, V6, V11	Varistor	SW1	Forced operation ON/OFF SW (SW1)
SA2	Surge arrester	SW4	Local setting SW (SW4)
FU1, FU2, FU3	Fuse	M1C	Compressor motor
AC1, AC2		M1F	Fan motor
U, V, W, X11A		L1R	Reactor
E1, E2		Q1L	Overload protector
HR1, HR2	Connector	PM1	Power module
MRM10, MRM20		PCB1, 2	Printed circuit board
MRC/W	Magnetic relay	Y1R	Reversing solenoid valve coil
R1T~R3T	Thermistor	Sheet metal	Terminal strip fixed plate
S2~S102	Connector		

8 Wiring diagrams

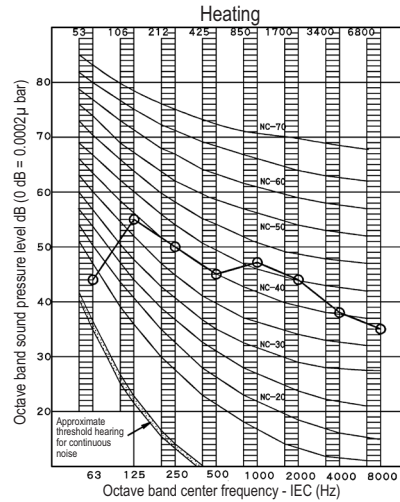
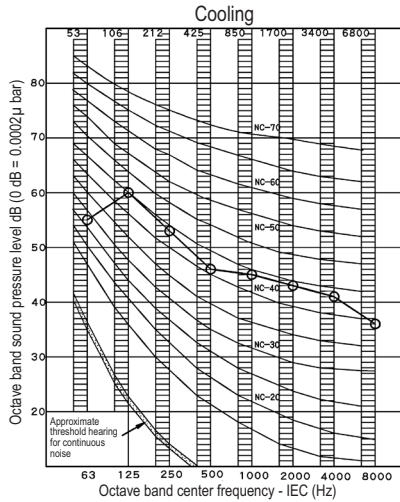
8 - 1 Wiring Diagrams - Single Phase



9 Sound data

9 - 1 Sound Pressure Spectrum

RXS60F3



NOTES

- Over All (dB): (B,G,N is already rectified)
- Measuring place: measured in an echoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JIS C 9612
The operation noise measuring method is in accordance with JIS C 9612

Scale	50Hz 220-240V
A	49

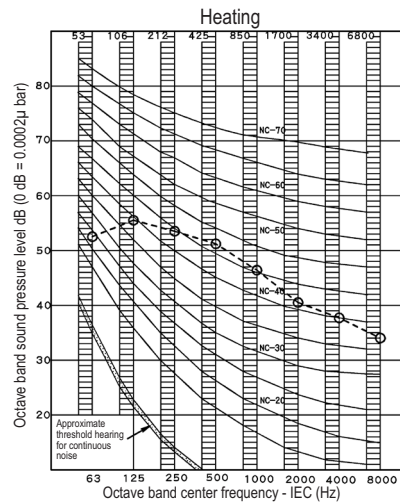
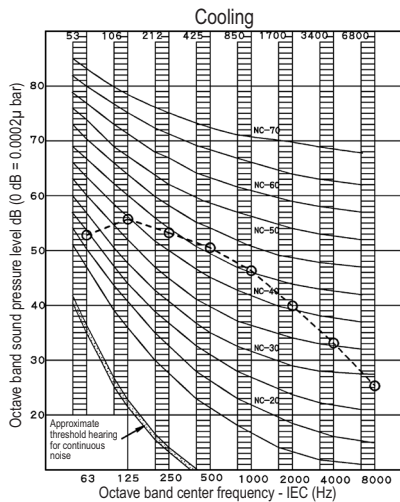
NOTES

- Over All (dB): (B,G,N is already rectified)
- Operation noise differs with operation and ambient conditions.

Scale	50Hz 220-240V
A	49

3D051716D

RXS71FA



NOTES

- Over All (dB): (B,G,N is already rectified)
- Measuring place: measured in an anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JIS C 9612.

Scale	50Hz 220-240V
A	52

NOTES

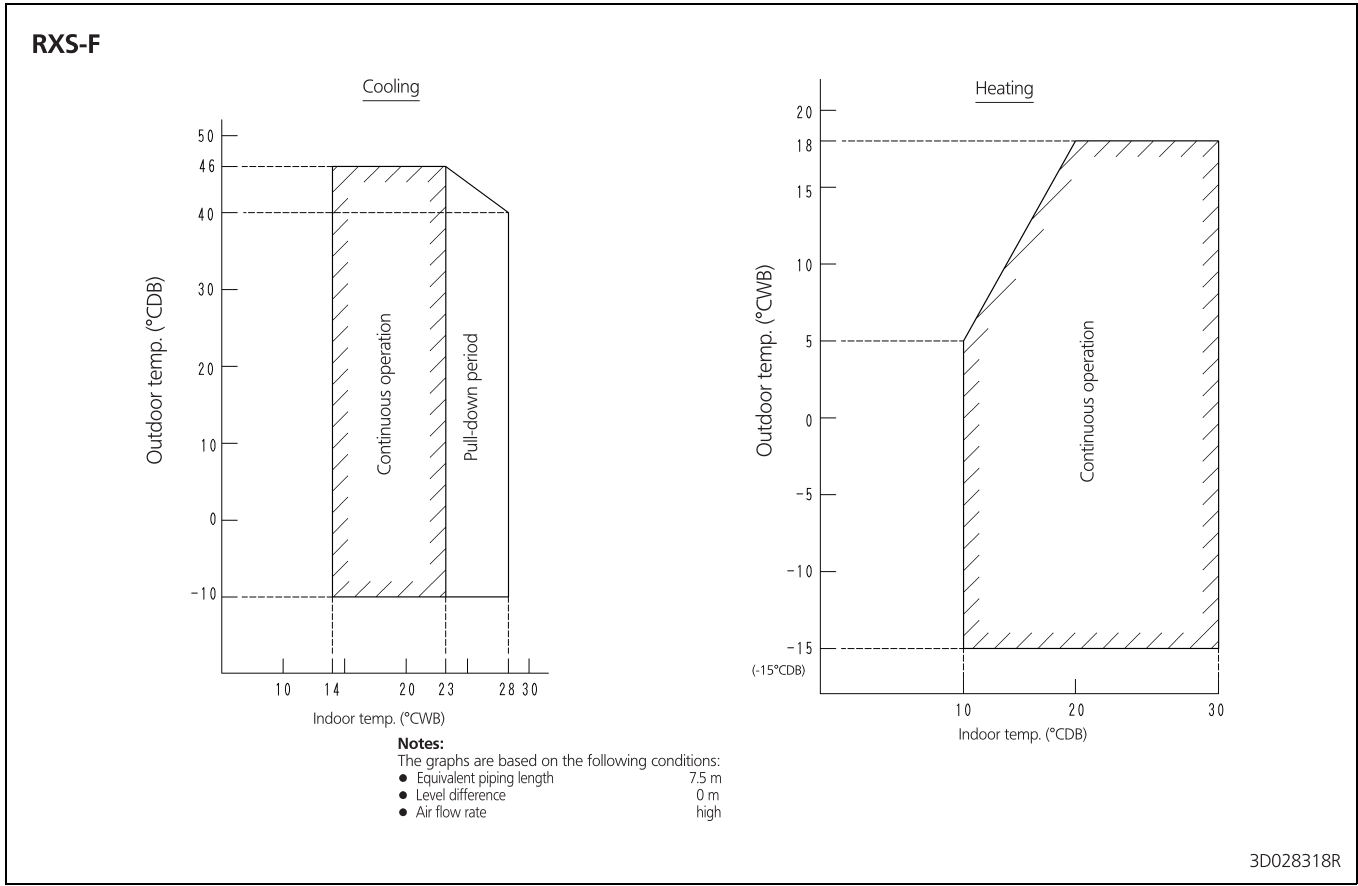
- Over All (dB): (B,G,N is already rectified)
- Operation noise differs with operation and ambient conditions.

Scale	50Hz 220-240V
A	52

3D055789B

10 Operation range

10 - 1 Operation Range



In all of us,
a green heart



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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