DAIKIN

EEDEN08-100

technical data

air conditioning systems

RXS-G2V1B

Outdoor units

Split - Sky Air

R-410A

1

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technical data

air conditioning systems

RXS-G2V1B

Outdoor units

Split - Sky Air

R-410A

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RXS-G2V1B

1 Features

- Outdoor units for pair application
- Daikin outdoor units are neat and sturdy and can be mounted easily on a roof or terrace or simply placed against an outside wall.
- 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				RXS20G2V1B	RXS25G2V1B	RXS35G2V1B	RXS42G2V1B	RXS50G2V1B
For combination indoor units + outdoor units	Indoor Units			FTXS20G2V1B	FTXS25G2V1B	FTXS35G2V1B	FTXS42G2V1B	FTXS50G2V1B
Cooling capacity	Minimum	kW		1.3	1.3	1.4	1.7	1.7
		Btu/h		4,400	4,400	4,800	5,800	5,800
		Kcal/h		1,120	1,120	1,200	1,460	1,460
	Standard	kW		2.0	2.5	3.5	4.2	5.0
		Btu/h		6,800	8,500	11,900	14,300	17,100
		Kcal/h		1,720	2,150	3,010	3,610	4,300
	Maximum	kW		2.8	3.2	4.0	5.0	5.3
		Btu/h		9,600	10,900	13,600	17,100	18,100
		Kcal/h		2,410	2,750	3,440	4,300	4,560
Heating capacity	Minimum	kW		1.3	1.3	1.4	1.7	1.7
		Btu/h		4,400	4,400	4,800	5,800	5,800
		Kcal/h		1,120	1,120	1,200	1,460	1,460
	Standard	kW		2.7	3.4	4.0	5.4	5.8
		Btu/h		9,200	11,600	13,600	18,400	19,800
		Kcal/h		2,320	2,920	3,440	4,640	4,990
	Maximum	kW		4.3	4.7	5.2	6.0	6.5
		Btu/h		14,700	16,000	17,700	20,500	22,200
		Kcal/h		3,700	4,040	4,470	5,160	5,590
Power Input	Cooling	Minimum	kW	0.32	0.32	0.35	0.44	0.44
		Standard	kW	0.47	0.55	0.87	1.22	1.52
		Maximum	kW	0.91	0.81	1.19	2.23	1.81
	Heating	Minimum	kW	0.31	0.31	0.34	0.40	0.40
		Standard	kW	0.63	0.75	0.96	1.47	1.57
		Maximum	kW	1.36	1.29	1.46	1.98	2.00
For combination indoor units + outdoor units	EER	Nominal		4.26	4.55	4.02	3.44	3.29
	COP	Nominal		4.29	4.53	4.17	3.67	3.69
	Energy Label	Cooling		A				
		Heating		A				
	Annual energy consumption		kWh	235	275	435	610	760
	Indoor Units				FDXS25EAVMB	FDXS35EAVMB		FDXS50CVMB
Cooling capacity	Minimum	kW			1.3	1.4		1.7
		Btu/h			4,400	4,800		5,800
		Kcal/h			1,110	1,200		1,460
	Standard	kW			2.4	3.4		5.0
		Btu/h			8,150	11,600		17,100
		Kcal/h			2,060	2,920		4,300
	Maximum	kW			3.0	3.8		5.3
		Btu/h			10,200	13,000		18,100
		Kcal/h			2,580	3,260		4,560
Heating capacity	Minimum	kW			1.3	1.4		1.7
		Btu/h			4,400	4,800		5,800
		Kcal/h			1,110	1,200		1,460
	Standard	kW			3.2	4.0		5.8
		Btu/h			10,900	13,600		19,800
		Kcal/h			2,750	3,440		4,990
	Maximum	kW			4.5	5.0		6.0
		Btu/h			15,350	17,100		20,500
		Kcal/h			3,870	4,300		5,160
Power Input	Cooling	Minimum	kW					0.44
		Standard	kW		0.69	1.09		1.65
		Maximum	kW					1.93
	Heating	Minimum	kW					0.40
		Standard	kW		0.91	1.18		1.92
		Maximum	kW					2.04

2 Specifications

2-1 NOMINAL CAPACITY AND NOMINAL INPUT				RXS20G2V1B	RXS25G2V1B	RXS35G2V1B	RXS42G2V1B	RXS50G2V1B
For combination indoor units + outdoor units	EER	Nominal			3.48	3.12		3.03
	COP	Nominal			3.52	3.39		3.02
	Energy Label	Cooling			A	B		B
		Heating			B	C		D
	Annual energy consumption		kWh		345	545		825
	Indoor Units				FVXS25FV1B	FVXS35FV1B		FVXS50FV1B
Cooling capacity	Minimum	kW			1.3	1.4		1.4
		Btu/h			4,400	4,800		4,800
		Kcal/h			1,120	1,200		1,200
	Standard	kW			2.5	3.5		5.0
		Btu/h			8,500	11,900		17,100
		Kcal/h			2,150	3,010		4,300
	Maximum	kW			3.0	3.8		5.6
		Btu/h			10,200	13,000		19,100
		Kcal/h			2,580	3,270		4,820
Heating capacity	Minimum	kW			1.3	1.4		1.4
		Btu/h			4,400	4,800		4,800
		Kcal/h			1,120	1,200		1,200
	Standard	kW			3.4	4.5		5.8
		Btu/h			11,600	15,400		19,800
		Kcal/h			2,920	3,870		4,990
	Maximum	kW			4.5	5.0		8.1
		Btu/h			17,100	17,100		27,600
		Kcal/h			4,300	4,300		6,970
Power Input	Cooling	Minimum	kW		0.30	0.30		0.50
		Standard	kW		0.57	1.02		1.55
		Maximum	kW		0.92	1.25		2.00
	Heating	Minimum	kW		0.29	0.31		0.50
		Standard	kW		0.79	1.22		1.60
		Maximum	kW		1.39	1.88		2.60
For combination indoor units + outdoor units	EER	Nominal			4.39	3.43		3.23
	COP	Nominal			4.30	3.69		3.63
	Energy Label	Cooling			A	A		A
		Heating			A	A		A
	Annual energy consumption		kWh		285	510		775
	Indoor Units				FLXS25BAVMB	FLXS35BAVMB		FLXS50BAVMB
Cooling capacity	Minimum	kW			1.2	1.2		0.9
		Btu/h			4,100	4,100		3,070
		Kcal/h			1,030	1,030		770
	Standard	kW			2.5	3.5		4.9
		Btu/h			8,500	11,900		16,730
		Kcal/h			2,150	3,010		4,210
	Maximum	kW			3.0	3.8		5.3
		Btu/h			10,200	13,000		18,090
		Kcal/h			2,580	3,270		4,560
Heating capacity	Minimum	kW			1.2	1.2		0.9
		Btu/h			4,100	4,100		3,070
		Kcal/h			1,030	1,030		770
	Standard	kW			3.4	4.0		6.1
		Btu/h			11,600	13,600		20,830
		Kcal/h			2,920	3,440		5,250
	Maximum	kW			4.5	5.0		7.5
		Btu/h			15,400	17,100		25,610
		Kcal/h			3,870	4,300		6,450

2 Specifications

2-1 NOMINAL CAPACITY AND NOMINAL INPUT				RXS20G2V1B	RXS25G2V1B	RXS35G2V1B	RXS42G2V1B	RXS50G2V1B
Power Input	Cooling	Minimum	kW		0.30	0.30		0.45
		Standard	kW		0.65	1.13		1.72
		Maximum	kW		0.86	1.26		1.95
	Heating	Minimum	kW		0.29	0.29		0.31
		Standard	kW		0.98	1.23		1.82
		Maximum	kW		1.49	1.85		3.54
For combination indoor units + outdoor units	EER	Nominal			3.85	3.10		2.85
	COP	Nominal			3.47	3.25		3.35
	Energy Label	Cooling			A	B		C
		Heating			B	C		C
	Annual energy consumption		kWh		325	565		860
	Indoor Units				FFQ25B8V1B	FFQ35B8V1B		FFQ50B8V1B
Cooling capacity	Standard	kW			2.50	3.40		4.70
Heating capacity	Standard	kW			3.20	4.00		5.50
Power Input	Cooling	Standard	kW		0.73	1.10		1.80
	Heating	Standard	kW		0.92	1.20		1.96
For combination indoor units + outdoor units	EER	Nominal			3.42	3.09		2.61
	COP	Nominal			3.48	3.33		2.81
	Energy Label	Cooling			A	B		D
		Heating			B	C		D
	Annual energy consumption		kWh		365	550		900
	Indoor Units					FCQ35C7VEB		FCQ50C7VEB
Cooling capacity	Standard	kW				3.40		5.00
Heating capacity	Standard	kW				4.20		6.00
Power Input	Cooling	Standard	kW			0.95		1.41
	Heating	Standard	kW			1.23		1.62
For combination indoor units + outdoor units	EER	Nominal				3.58		3.55
	COP	Nominal				3.41		3.70
	Energy Label	Cooling				A		A
		Heating				B		A
	Annual energy consumption		kWh			475		705
	Indoor Units					FHQ35BVV1B		FHQ50BVV1B
Cooling capacity	Minimum	kW				1.4		1.7
		Btu/h				4,800		5,800
		Kcal/h				1,200		1,460
	Standard	kW				3.4		5.0
		Btu/h				11,600		17,100
		Kcal/h				2,920		4,300
	Maximum	kW				3.7		5.6
		Btu/h				12,600		19,100
		Kcal/h				3,180		4,820
Heating capacity	Minimum	kW				1.2		1.7
		Btu/h				4,100		5,800
		Kcal/h				1,200		1,460
	Standard	kW				4.0		6.0
		Btu/h				13,650		20,500
		Kcal/h				3,440		5,160
	Maximum	kW				5.0		7.0
		Btu/h				17,100		23,700
		Kcal/h				4,300		6,020
Power Input	Cooling	Minimum	kW					0.44
		Standard	kW			1.05		1.83
		Maximum	kW					2.02
	Heating	Minimum	kW					0.40
		Standard	kW			1.11		2.05
		Maximum	kW					2.45

2 Specifications

2-1 NOMINAL CAPACITY AND NOMINAL INPUT				RXS20G2V1B	RXS25G2V1B	RXS35G2V1B	RXS42G2V1B	RXS50G2V1B
For combination indoor units + outdoor units	EER	Nominal				3.24		2.73
	COP	Nominal				3.60		2.93
	Energy Label	Cooling				A		D
		Heating				B		D
	Annual energy consumption		kWh			525		915
	Indoor Units					FBQ35B8V1		FBQ50B8V1
Cooling capacity	Standard	kW				3.40		5.0
Heating capacity	Standard	kW				4.00		6.0
Power Input	Cooling	Standard	kW			1.17		1.92
	Heating	Standard	kW			1.22		1.87
For combination indoor units + outdoor units	EER	Nominal				2.91		2.60
	COP	Nominal				3.28		3.21
	Energy Label	Cooling				C		E
		Heating				C		C
	Annual energy consumption		kWh			585		960

2-2 TECHNICAL SPECIFICATIONS				RXS20G2V1B	RXS25G2V1B	RXS35G2V1B	RXS42G2V1B	RXS50G2V1B
Casing	Colour			Ivory White				
Dimensions	Unit	Height	mm	550	550	550	550	735
		Width	mm	765	765	765	765	825
		Depth	mm	285	285	285	285	300
	Packing	Height	mm	612	612	612	612	797
		Width	mm	906	906	906	906	960
		Depth	mm	364	364	364	364	390
Weight	Unit		kg	32	34	34	39	48
	Packed Unit		kg	37	40	40	45	53
Heat Exchanger	Dimensions	Length	mm	828	805	805	810	845
		Nr of Rows		1	2	2	2	2
		Fin Pitch	mm	1.4	1.4	1.4	1.5	1.8
		Nr of Stages		24	24	24	24	32
	Tube type			Hi-Xa(7)	Hi-Xa(7)	Hi-Xa(7)	Hi-Xa(8)	Hi-Xa(8)
	Fin	Type		Waffle fin				
		Treatment		Anti-corrosion treatment (PE)				
Fan	Type			Propeller				
	Air Flow Rate	Cooling (Low)	m³/min	34.0	31.4	31.4	30.6	48.9
		Cooling (High)	m³/min	36.2	33.5	36.0	37.3	50.9
		Heating (Low)	m³/min	24.6	22.6	22.6	27.2	43.1
		Heating (High)	m³/min	32.6	30.2	30.2	31.3	45.0
		Cooling (Low)	cfm	1,201	1,109	1,109	1,079	1,727
		Cooling (High)	cfm	1,278	1,183	1,272	1,317	1,797
		Heating (Low)	cfm	869	798	798	959	1,522
		Heating (High)	cfm	1,151	1,066	1,066	1,107	1,589
	Motor	Model		D50Q-28	D50Q-28	D50Q-28	D50R-28	KFD-380-50-8C
Motor	Speed (nominal)	Cooling (Low)	rpm	810	810	810	790	670
		Cooling (High)	rpm	860	860	920	890	780
		Heating (Low)	rpm	660	660	660	780	670
		Heating (High)	rpm	860	860	860	890	720
Fan	Motor	Output	W	50	50	50	50	53
Compressor	Quantity			1	1	1	1	1
	Motor	Model		1YC23AFXD#C	1YC23AFXD#C	1YC23AFXD#C	2YC36BXD#C	2YC36BXD#C
		Type		Hermetically sealed swing compressor				
		Motor Output	W	600	600	600	1,100	1,100
Operation Range	Cooling	Min	°CDB	-10	-10	-10	-10	-10
		Max	°CDB	46	46	46	46	46
	Heating	Min	°CWB	-15	-15	-15	-15	-15
		Max	°CWB	20	20	20	20	18

2 Specifications

2-2 TECHNICAL SPECIFICATIONS				RXS20G2V1B	RXS25G2V1B	RXS35G2V1B	RXS42G2V1B	RXS50G2V1B
Sound Level (nominal)	Cooling	Sound Power	dBA	61	61	63	63	62
		Sound Pressure (Low)	dBA	43	43	44	44	44
		Sound Pressure (High)	dBA	46	46	48	48	48
	Heating	Sound Pressure (Low)	dBA	44	44	45	45	45
		Sound Pressure (High)	dBA	47	47	48	48	48
Refrigerant	Type			R-410A				
	Charge		kg	0.8	1.0	1.2	1.3	1.7
Refrigerant Oil	Type			FVC50K				
	Charged Volume		l	0.375	0.375	0.375	0.65	0.65
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.35	6.35	6.35	6.35	6.35
	Gas	Diameter (OD)	mm	9.52	9.52	9.52	9.52	12.7
	Drain	Diameter (OD)	mm	18	18	18	18	18
	Piping Length	Maximum	m	20	20	20	20	30
	Additional Refrigerant Charge		kg/m	0.02>10m				
	Installation height difference	Maximum	m	15	15	15	15	20
	Heat Insulation			Both liquid and gas pipes				
Standard Accessories	Item			Installation manual				
	Quantity			1	1	1	1	1
	Item			Drain plug				
	Quantity			1				
Notes				Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19.0°CWB; outdoor temperature: 35°CDB, 24°CWB, refr.pip.length: 5m				
				Nominal heating capacities are based on: indoor temperature: 20°CDB; outdoor temperature: 7°CDB, 6°CWB, refr.pip.length: 5m				

2-3 ELECTRICAL SPECIFICATIONS				RXS20G2V1B	RXS25G2V1B	RXS35G2V1B	RXS42G2V1B	RXS50G2V1B
Power Supply	Name			V1				
	Phase			1~				
	Frequency		Hz	50	50	50	50	50
	Voltage		V	220-230-240				
Current	Nominal running current (RLA)	Cooling (A)	A	2.67-2.55-2.45	3.06-2.93-2.81	4.26-4.08-3.91	6.04-5.78-5.54	6.93-6.63-6.35
		Heating (A)	A	3.50-3.35-3.21	4.14-3.96-3.80	4.71-4.50-4.31	7.27-6.96-6.67	7.13-6.82-6.54
	Starting current (cooling/heating)		A	3.6	4.3	4.8	7.4	7.3
Wiring connections	For Power Supply	Quantity		3	3	3	3	3
	For connection with indoor	Quantity		4	4	4	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
FTXS20G2V1B	RXS20G2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	34	2.3 2.2	50	0.23	23	0.15

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SIMBOLS

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 Operated Frequency	(Hz)

NOTES

1 RLA is based on the following conditions.
Indoor temp. 27C°DB/19°CWB
Outdoor Temp. 35°CDB.
2 Maximum allowable voltage variation between phases is 2%.
3 Select wire size based on the lager value of MCA.
4 Instead of fuse, use circuit breaker.

Representative Unit Combination		Power Supply			Comp			OFM		IFM	
Indoor Unit	Outdoor Unit	Hz-Volts	Voltage Range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS25G2V1B	RXS25G2V1B	50 - 230	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	34	2.7 2.5	50	0.23	23	0.15

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SIMBOLS

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 Operated Frequency	(Hz)

NOTES

1 RLA is based on the following conditions.
Indoor temp. 27C°DB/19°CWB
Outdoor Temp. 35°CDB.
2 Maximum allowable voltage variation between phases is 2%.
3 Select wire size based on the lager value of MCA.
4 Instead of fuse, use circuit breaker.

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
FFQ25B8V1B	RXS25G2V1B	50 - 220 50 - 230 50 - 240	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	55	3.7 3.5 3.4	23	0.16	55	0.6

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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.

Representative Unit Combination		Power Supply			Comp			OFM		IFM	
Indoor Unit	Outdoor Unit	Hz-Volts	Voltage Range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS35G2V1B	RXS35G2V1B	50 - 230	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	65	3.9 3.7	50	0.23	23	0.15

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SIMBOLS

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 Operated Frequency (Hz)

NOTES

1 RLA is based on the following conditions.
Indoor temp. 27C°DB/19°CWB
Outdoor Temp. 35°CDB.
2 Maximum allowable voltage variation between phases is 2%.
3 Select wire size based on the lager value of MCA.
4 Instead of fuse, use circuit breaker.

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
FFQ35B8V1B	RXS35G2V2B	50 - 220 50 - 230 50 - 240	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	79	4.8 4.6 4.4	23	0.16	55	0.6

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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.

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FBQ35B8V1	RXS35G2V1B	50 - 220 50 - 230 50 - 240	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	80	5.1 4.9 4.7	23	0.16	65	0.5

3D055011B

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.

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
FHQ35BVV1B	RXS35G2V1B	50 - 220 50 - 230 50 - 240	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	76	4.5 4.3 4.1	23	0.22	62	0.6

3D055011B

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.

Representative Unit Combination		Power Supply			Comp			OFM		IFM	
Indoor Unit	Outdoor Unit	Hz-Volts	Voltage Range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS42G2V1B	RKS42G2V1B	50 - 230	Max. 50Hz 264V Min. 50Hz 198V	14.75	20	58	5.7 5.4	50	0.23	23	0.15

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SIMBOLS

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 Operated Frequency (Hz)

NOTES

1 RLA is based on the following conditions.
Indoor temp. 27C°DB/19°CWB
Outdoor Temp. 35°CDB.
2 Maximum allowable voltage variation between phases is 2%.
3 Select wire size based on the lager value of MCA.
4 Instead of fuse, use circuit breaker.

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
FTXS50G2V1B	RXS50G2V1B	50 - 220	Max. 50Hz 264V	19.75	20	70	6.6	53	0.27	23	0.15
		50 - 230	Min. 50Hz 198V				6.2				

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Simbols

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 Operated Frequency	(Hz)

Notes

1 RLA is based on the following conditions.
Indoor temp. 27C°DB/19°CWB
Outdoor Temp. 35°CDB.
2 Maximum allowable voltage variation between phases is 2%.
3 Select wire size based on the lager value of MCA.
4 Instead of fuse, use circuit breaker.

4 Capacity tables

4 - 1 Cooling capacity tables

FBQ50B8V1+RXS50G2V1B

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
50	14,0	20,0	5,1	3,6	1,57	4,9	3,5	1,67	4,8	3,4	1,76	4,7	3,4	1,80	4,6	3,4	1,88	4,5	3,3	1,95
	16,0	22,0	5,2	3,6	1,60	5,1	3,5	1,69	4,9	3,5	1,79	4,9	3,4	1,83	4,8	3,4	1,88	4,6	3,3	1,93
	18,0	25,0	5,4	3,6	1,62	5,2	3,6	1,72	5,1	3,5	1,81	5,0	3,5	1,85	4,9	3,4	1,91	4,8	3,4	2,00
	19,0	27,0	5,5	3,7	1,64	5,3	3,6	1,73	5,2	3,5	1,83	5,1	3,5	1,87	5,0	3,5	1,92	4,9	3,4	2,02
	22,0	30,0	5,7	3,7	1,68	5,5	3,5	1,77	5,4	3,6	1,87	5,3	3,5	1,90	5,2	3,5	1,96	5,1	3,4	2,06
	24,0	32,0	5,8	3,7	1,70	5,7	3,7	1,80	5,5	3,6	1,89	5,5	3,6	1,93	5,4	3,5	1,99	5,2	3,5	2,08

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

FBQ50B8V1+RXS50G2V1B

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

Outdoor	Indoor EDB (°C)	Outdoor temperature (°CWB) -15 TC	-15 PI	-10 TC	-10 PI	-5 TC	-5 PI	0 TC	0 PI	6 TC	6 PI	10 TC	10 PI
50	16,0	3,0	1,35	3,7	1,44	4,5	1,53	5,2	1,63	6,1	1,74	6,6	1,81
	18,0	3,0	1,41	3,7	1,51	4,4	1,60	5,2	1,69	6,0	1,81	6,6	1,88
	20,0	3,0	1,48	3,7	1,57	4,4	1,67	5,1	1,76	6,0	1,87	6,6	1,95
	21,0	2,9	1,51	3,7	1,61	4,4	1,70	5,1	1,80	6,0	1,91	6,6	1,98
	22,0	2,9	1,55	3,6	1,64	4,4	1,74	5,1	1,83	6,0	1,94	6,6	2,02
	24,0	2,9	1,62	3,6	1,71	4,3	1,80	5,1	1,90	5,9	2,01	6,5	2,08

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 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

FTXS20G2V1B + RXS20G2V1B

Cooling **50Hz 220-240V**

AFR	9.4
BF	0.14

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	2.05	1.84	0.36	1.96	1.80	0.40	1.86	1.76	0.43	1.83	1.74	0.44	1.77	1.71	0.46	1.68	1.67	0.50
16.0	22	2.14	1.81	0.36	2.05	1.77	0.40	1.95	1.73	0.43	1.92	1.72	0.45	1.86	1.69	0.47	1.77	1.66	0.50
18.0	25	2.23	1.94	0.36	2.14	1.90	0.40	2.05	1.87	0.43	2.01	1.85	0.45	1.95	1.83	0.47	1.86	1.80	0.50
19.0	27	2.28	2.09	0.37	2.19	2.05	0.40	2.09	0.40	2.09	2.02	0.44	2.06	2.00	1.98	0.47	1.91	1.95	0.50
22.0	30	2.42	2.03	0.37	2.32	2.00	0.40	2.23	1.97	0.44	2.19	1.96	0.45	2.14	1.94	0.47	2.05	1.91	0.51
24.0	0.51	2.51	1.99	0.37	2.42	1.96	0.41	2.32	1.93	0.44	2.29	1.92	0.45	2.23	1.91	0.48	2.14	1.88	0.51

Heating **50Hz 220-240V**

AFR	9.9

Indoor	Outdoor temperature (°C DB)									
EDB	-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	1.82	0.53	2.12	0.56	2.43	0.58	2.79	0.62	3.04	0.64
20.0	1.72	0.55	2.03	0.57	2.33	0.60	2.70	0.63	2.94	0.65
22.0	1.69	0.55	1.99	0.58	2.30	0..60	2.66	0.64	2.91	0.66
24.0	1.65	0.56	1.95	0.58	2.26	0.61	2.63	0.64	2.87	0.66
25.0	1.63	0.56	1.94	0.59	2.24	0.61	2.61	0.64	2.85	0.66
27.0	1.59	0.57	1.90	0.59	2.20	0.62	2.57	0.65	2.81	0.67

Symbols

AFR	:	Air flow rate	(m3/mim.)
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 be used for calculation.)
4 About SHC which are not mentioned on the table.
please calculate them with around values in direct proportion.
5 Capacities are based on the following conditions.
Corresponding refrigerant piping lenght : 5m
Level difference : 0m
6 Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

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4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FTXS25G2V1B + RXS25G2V1B

Cooling **50Hz 220-240V**

AFR	9.1
BF	0.16

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	2.56	2.03	0.42	2.44	1.98	0.46	2.33	1.92	0.50	2.28	1.90	0.52	2.21	1.87	0.54	2.10	1.81	0.58
16.0	22	2.68	2.00	0.42	2.56	1.95	0.47	2.44	1.89	0.51	2.40	1.87	0.52	2.33	1.84	0.55	2.21	1.79	0.59
18.0	25	2.79	2.11	0.43	2.68	2.06	0.47	2.56	2.02	0.51	2.51	2.00	0.52	2.44	1.97	0.55	2.33	1.92	0.59
19.0	27	2.85	2.24	0.43	2.73	2.20	0.47	2.62	2.15	0.51	2.57	2.13	0.53	2.50	2.11	0.55	2.38	2.06	0.59
22.0	30	3.02	2.17	0.43	2.91	2.13	0.47	2.79	2.09	0.51	2.74	2.07	0.53	2.67	2.05	0.55	2.56	2.01	0.59
24.0	32	3.14	2.12	0.43	3.02	2.08	0.47	2.90	2.05	0.52	2.86	2.03	0.53	2.79	2.01	0.56	2.67	1.97	0.60

Heating **50Hz 220-240V**

AFR	9.8

Indoor	Outdoor temperature (°C DB)									
EDB	-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	2.29	0.63	2.67	0.67	3.06	0.70	3.52	0.73	3.82	0.76
20.0	2.17	0.65	2.56	0.68	2.94	0.71	3.40	0.75	3.71	0.77
22.0	2.12	0.66	2.51	0.69	2.89	0.72	3.35	0.76	3.66	0.78
24.0	2.08	0.66	2.46	0.70	2.85	0.73	3.31	0.76	3.61	0.79
25.0	2.05	0.67	2.44	0.70	2.82	0.73	3.28	0.77	3.59	0.79
27.0	2.01	0.67	2.39	0.71	2.77	0.74	3.24	0.77	3.54	0.80

SYMBOLS

AFR	:	Air flow rate	(m3/mim.)
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 be used for calculation.)
4 About SHC which are not mentioned on the table.
please calculate them with around values in direct proportion.
5 Capacities are based on the following conditions.
Corresponding refrigerant piping lenght : 5m
Level difference : 0m
6 Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

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4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FFQ25B8V1B+RXS25G2V1B

Cooling **50Hz 220-240V**

AFR	9
BF	0.24

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	2.56	1.95	0.56	2.44	1.89	0.61	2.33	1.84	0.67	2.28	1.81	0.69	2.21	1.78	0.72	2.10	1.72	0.78
16.0	22	2.68	1.92	0.56	2.56	1.86	0.62	2.44	1.81	0.67	2.40	1.79	0.69	2.33	1.76	0.73	2.21	1.71	0.78
18.0	25	2.79	2.01	0.57	2.68	1.96	0.62	2.56	1.92	0.67	2.51	1.90	0.70	2.44	1.87	0.73	2.33	1.82	0.78
19.0	27	2.85	2.13	0.57	2.73	2.08	0.62	2.62	2.04	0.68	2.57	2.02	0.70	2.50	1.99	0.73	2.38	1.94	0.78
22.0	30	3.02	2.06	0.57	2.91	2.02	0.63	2.79	1.97	0.68	2.74	1.96	0.70	2.67	1.93	0.73	2.56	1.89	0.79
24.0	32	3.14	2.01	0.58	3.02	1.97	0.63	2.90	1.93	0.68	2.86	1.91	0.71	2.79	1.89	0.74	2.67	1.85	0.79

Heating **50Hz 220-240V**

AFR	9

Indoor	Outdoor temperature (°CWB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	2.15	0.78	2.52	0.82	2.88	0.85	3.31	0.90	3.60	0.93
20.0	2.04	0.80	2.41	0.84	2.77	0.87	3.20	0.92	3.49	0.95
22.0	2.00	0.81	2.36	0.84	2.72	0.88	3.16	0.93	3.44	0.96
24.0	1.96	0.82	2.32	0.85	2.68	0.89	3.11	0.94	3.40	0.97
25.0	1.93	0.82	2.29	0.86	2.66	0.90	3.09	0.94	3.38	0.97
27.0	1.89	0.83	2.25	0.87	2.61	0.90	3.05	0.95	3.33	0.98

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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.

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FTXS35G2V1B + RXS35G2V1B

Cooling **50Hz 220-240V**

AFR	10.4
BF	0.21

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	3.59	2.60	0.67	3.42	2.52	0.73	3.26	2.43	0.80	3.19	2.40	0.82	3.10	2.35	0.86	2.93	2.27	0.92
16.0	22	3.75	2.55	0.67	3.58	2.47	0.74	3.42	2.40	0.80	3.36	2.37	0.83	3.26	2.32	0.86	3.10	2.25	0.93
18.0	25	3.91	2.66	0.68	3.75	2.59	0.74	3.58	2.52	0.80	3.52	2.49	0.83	3.42	2.45	0.87	3.26	2.38	0.93
19.0	27	3.99	2.80	0.68	3.83	2.73	0.74	3.66	2.66	0.81	3.60	2.63	0.83	3.50	2.59	0.87	3.34	2.52	0.93
22.0	30	4.23	2.70	0.68	4.07	2.64	0.75	3.90	2.57	0.81	3.84	2.55	0.84	3.74	2.51	0.88	3.58	2.45	0.94
24.0	32	4.39	2.62	0.69	4.23	2.57	0.75	4.07	2.51	0.82	4.00	2.49	0.84	3.90	2.45	0.88	3.74	2.40	0.94

Heating **50Hz 220-240V**

AFR	10.6

Indoor	Outdoor temperature (°C DB)									
EDB	-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	2.69	0.81	3.14	0.85	3.60	0.89	4.14	0.94	4.50	0.97
20.0	2.55	0.83	3.01	0.87	3.46	0.91	4.00	0.96	4.36	0.99
22.0	2.50	0.84	2.95	0.88	3.40	0.92	3.94	0.97	4.31	1.00
24.0	2.44	0.85	2.90	0.89	3.35	0.93	3.89	0.98	4.25	1.01
25.0	2.42	0.86	2.87	0.89	3.32	0.93	3.86	0.98	4.22	1.01
27.0	2.36	0.86	2.81	0.90	3.26	0.94	3.81	0.99	4.17	1.02

SYMBOLS

AFR	:	Air flow rate	(m3/mim.)
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 be used for calculation.)
4 About SHC which are not mentioned on the table.
please calculate them with around values in direct proportion.
5 Capacities are based on the following conditions.
Corresponding refrigerant piping lenght : 5m
Level difference : 0m
6 Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

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4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FFQ35BVV1B+RXS35G2V1B

Cooling **50Hz 220-240V**

AFR	10
BF	0.25

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	3.48	2.48	0.84	3.33	2.40	0.93	3.17	2.32	1.01	3.10	2.29	1.04	3.01	2.24	1.09	2.85	2.16	1.17
16.0	22	3.64	2.44	0.85	3.48	2.36	0.93	3.32	2.28	1.01	3.26	2.25	1.04	3.17	2.21	1.09	3.01	2.13	1.17
18.0	25	3.80	2.54	0.85	3.64	2.46	0.93	3.48	2.39	1.02	3.42	2.36	1.05	3.32	2.32	1.10	3.16	2.25	1.18
19.0	27	3.87	2.66	0.86	3.72	2.59	0.94	3.56	2.52	1.02	3.49	2.49	1.05	3.40	2.45	1.10	3.24	2.39	1.18
22.0	30	4.11	2.56	0.86	3.95	2.50	0.94	3.79	2.44	1.03	3.73	2.41	1.06	3.63	2.38	1.11	3.48	2.32	1.19
24.0	32	4.27	2.49	0.87	4.11	2.43	0.95	3.95	2.37	1.03	3.89	2.35	1.06	3.79	2.32	1.11	3.63	2.26	1.19

Heating **50Hz 220-240V**

AFR	10

Indoor	Outdoor temperature (°CWB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	2.69	1.01	3.14	1.06	3.60	1.11	4.14	1.17	4.50	1.21
20.0	2.55	1.04	3.01	1.09	3.46	1.14	4.00	1.20	4.36	1.24
22.0	2.50	1.05	2.95	1.10	3.40	1.15	3.94	1.21	4.31	1.25
24.0	2.44	1.06	2.90	1.11	3.35	1.16	3.89	1.22	4.25	1.26
25.0	2.42	1.07	2.87	1.12	3.32	1.17	3.86	1.23	4.22	1.27
27.0	2.36	1.08	2.81	1.13	3.26	1.18	3.81	1.24	4.17	1.28

3D055489

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.

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FCQ35C7VEB+RXS35G2V1B

Cooling **50Hz 220-240V**

AFR	10.5
BF	0.28

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	3.48	2.49	0.73	3.33	2.40	0.80	3.17	2.32	0.87	3.10	2.29	0.90	3.01	2.24	0.94	2.85	2.16	1.01
16.0	22	3.64	2.44	0.73	3.48	2.37	0.80	3.32	2.29	0.87	3.26	2.26	0.90	3.17	2.21	0.94	3.01	2.14	1.01
18.0	25	3.80	2.54	0.74	3.64	2.47	0.81	3.48	2.40	0.88	3.42	2.37	0.91	3.32	2.33	0.95	3.16	2.26	1.02
19.0	27	3.87	2.67	0.74	3.72	2.60	0.81	3.56	2.53	0.88	3.49	2.50	0.91	3.40	2.46	0.95	3.24	2.39	1.02
22.0	30	4.11	2.57	0.75	3.95	2.50	0.82	3.79	2.44	0.89	3.73	2.42	0.91	3.63	2.38	0.96	3.48	2.32	1.03
24.0	32	4.27	2.49	0.75	4.11	2.44	0.82	3.95	2.38	0.89	3.89	2.36	0.92	3.79	2.33	0.96	3.63	2.27	1.03

Heating **50Hz 220-240V**

AFR	12.5

Indoor	Outdoor temperature (°CWB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	2.83	1.04	3.30	1.09	3.78	1.14	4.34	1.20	4.72	1.24
20.0	2.68	1.07	3.16	1.12	3.63	1.17	4.20	1.23	4.58	1.27
22.0	2.62	1.08	3.10	1.13	3.57	1.18	4.14	1.24	4.52	1.28
24.0	2.57	1.09	3.04	1.14	3.51	1.19	4.08	1.25	4.46	1.29
25.0	2.54	1.10	3.01	1.15	3.49	1.20	4.06	1.26	4.43	1.30
27.0	2.48	1.11	2.95	1.16	3.43	1.21	4.00	1.27	4.38	1.31

3D057246

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. ▭ shows nominal (rated) capacities and power input.

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FBQ35B8V1+RXS35G2V1B

Cooling **50Hz 220-240V**

AFR	11.5
BF	0.15

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	3.48	2.70	0.90	3.33	2.62	0.98	3.17	2.55	1.07	3.10	2.52	1.11	3.01	2.47	1.16	2.85	2.40	1.24
16.0	22	3.64	2.65	0.90	3.48	2.58	0.99	3.32	2.51	1.08	3.26	2.48	1.11	3.17	2.44	1.16	3.01	2.37	1.25
18.0	25	3.80	2.80	0.91	3.64	2.73	0.99	3.48	2.66	1.08	3.42	2.64	1.12	3.32	2.60	1.17	3.16	2.53	1.25
19.0	27	3.87	2.96	0.91	3.72	2.90	1.00	3.56	2.84	1.08	3.49	2.81	1.12	3.40	2.77	1.17	3.24	2.71	1.26
22.0	30	4.11	2.86	0.92	3.95	2.81	1.00	3.79	2.75	1.09	3.73	2.73	1.13	3.63	2.70	1.18	3.48	2.64	1.26
24.0	32	4.27	2.79	0.92	4.11	2.74	1.01	3.95	2.69	1.10	3.89	2.67	1.13	3.79	2.64	1.18	3.63	2.59	1.27

Heating **50Hz 220-240V**

AFR	11.5

Indoor	Outdoor temperature (°CWB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	2.69	1.03	3.14	1.08	3.60	1.13	4.14	1.19	4.50	1.23
20.0	2.55	1.06	3.01	1.11	3.46	1.16	4.00	1.22	4.36	1.26
22.0	2.50	1.07	2.95	1.12	3.40	1.17	3.94	1.23	4.31	1.27
24.0	2.44	1.08	2.90	1.13	3.35	1.18	3.89	1.24	4.25	1.28
25.0	2.42	1.09	2.87	1.14	3.32	1.19	3.86	1.25	4.22	1.29
27.0	2.36	1.10	2.81	1.15	3.26	1.20	3.81	1.26	4.17	1.30

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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.

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FHQ35BVV1B+RXS35G2V1B

Cooling **50Hz 220-240V**

AFR	13
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	3.48	2.76	0.81	3.33	2.69	0.88	3.17	2.61	0.96	3.10	2.58	0.99	3.01	2.54	1.04	2.85	2.47	1.12
16.0	22	3.64	2.72	0.81	3.48	2.65	0.89	3.32	2.58	0.97	3.26	2.55	1.00	3.17	2.51	1.04	3.01	2.44	1.12
18.0	25	3.80	2.87	0.81	3.64	2.81	0.89	3.48	2.74	0.97	3.42	2.72	1.00	3.32	2.68	1.05	3.16	2.61	1.13
19.0	27	3.87	3.05	0.82	3.72	2.99	0.89	3.56	2.93	0.97	3.49	2.90	1.00	3.40	2.87	1.05	3.24	2.80	1.13
22.0	30	4.11	2.95	0.82	3.95	2.90	0.90	3.79	2.84	0.98	3.73	2.82	1.01	3.63	2.79	1.06	3.48	2.73	1.13
24.0	32	4.27	2.88	0.83	4.11	2.83	0.91	3.95	2.78	0.98	3.89	2.76	1.02	3.79	2.73	1.06	3.63	2.68	1.14

Heating **50Hz 220-240V**

AFR	13

Indoor	Outdoor temperature (°CDB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	2.69	0.94	3.14	0.98	3.60	1.03	4.14	1.08	4.50	1.12
20.0	2.55	0.96	3.01	1.01	3.46	1.06	4.00	1.11	4.36	1.15
22.0	2.50	0.97	2.95	1.02	3.40	1.07	3.94	1.12	4.31	1.16
24.0	2.44	0.98	2.90	1.03	3.35	1.08	3.89	1.13	4.25	1.17
25.0	2.42	0.99	2.87	1.03	3.32	1.08	3.86	1.14	4.22	1.17
27.0	2.36	1.00	2.81	1.04	3.26	1.09	3.81	1.15	4.17	1.18

3D055046

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.

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FTXS42G2V1B + RXS42G2V1B

Cooling **50Hz 220-240V**

AFR	9.1
BF	0.14

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	3.81	2.68	0.87	3.81	2.68	0.99	3.81	2.68	1.10	3.81	2.68	1.15	3.72	2.63	1.21	3.52	2.53	1.30
16.0	22	4.50	2.90	0.94	4.30	2.80	1.03	4.11	2.70	1.12	4.03	2.66	1.16	3.91	2.60	1.21	3.71	2.50	1.30
18.0	25	4.69	2.99	0.95	4.49	2.90	1.04	4.30	2.81	1.13	4.22	2.77	1.16	4.10	2.71	1.22	3.91	2.62	1.31
19.0	27	4.79	3.12	0.95	4.59	3.03	1.04	4.40	2.93	1.13	4.32	2.90	1.17	4.20	2.85	1.22	4.00	2.76	1.31
22.0	30	5.08	2.99	0.96	4.88	2.91	1.05	4.69	2.83	1.14	4.61	2.80	1.17	4.49	2.75	1.23	4.29	2.67	1.32
24.0	32	5.27	2.90	0.96	5.07	2.82	1.05	4.88	2.75	1.14	4.80	2.72	1.18	4.68	2.68	1.23	4.49	2.61	1.32

Heating **50Hz 220-240V**

AFR	11.2

Indoor	Outdoor temperature (°C DB)									
EDB	-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	3.64	1.24	4.24	1.30	4.85	1.36	5.59	1.44	6.07	1.49
20.0	3.45	1.28	4.06	1.34	4.67	1.40	5.40	1.47	5.89	1.52
22.0	3.37	1.29	3.98	1.35	4.59	1.41	5.33	1.48	5.81	1.53
24.0	3.30	1.30	3.91	1.36	4.52	1.42	5.25	1.50	5.74	1.54
25.0	3.26	1.31	3.87	1.37	4.48	1.43	5.21	1.50	5.70	1.55
27.0	3.19	1.32	3.80	1.38	4.41	1.44	5.14	1.52	5.63	1.56

Symbols

AFR	:	Air flow rate	(m3/mim.)
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 be used for calculation.)
4 About SHC which are not mentioned on the table.
please calculate them with around values in direct proportion.
5 Capacities are based on the following conditions.
Corresponding refrigerant piping lenght : 5m
Level difference : 0m
6 Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

3D059717

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FTXS50G2V1B + RXS50G2V1B

Cooling **50Hz 220-240V**

AFR	10.2
BF	0.18

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	4.07	2.87	1.05	4.07	2.87	1.19	4.07	2.87	1.33	4.07	2.87	1.39	4.07	2.87	1.47	4.07	2.87	1.61
16.0	22	5.00	3.20	1.14	5.00	3.20	1.27	4.89	3.14	1.40	4.79	3.09	1.44	4.65	3.02	1.51	4..42	2.90	1.62
18.0	25	5.58	3.49	1.18	5.35	3.37	1.29	5.12	3.25	1.40	5.02	3.21	1.45	4.88	3.14	1.52	4.65	3.03	1.63
19.0	27	5.70	3.62	1.18	5.47	3.50	1.30	5.23	3.39	4.41	4.14	3.34	1.45	5.00	3.28	1.52	4.77	3.17	1.65
22.0	30	6.04	3.47	1.19	5.81	3.36	1.31	5.58	3.26	1.42	5.49	3.22	1.46	5.35	3.16	1.53	5.11	3.07	1.64
24.0	32	6.27	3.35	1.20	6.04	3.26	1.31	5.81	3.17	1.42	5.72	3.13	1.47	5.58	3.08	1.54	5.34	2.99	1.65

Heating **50Hz 220-240V**

AFR	9.7

Indoor	Outdoor temperature (°C DB)									
EDB	-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	3.90	1.33	4.56	1.39	5.21	1.46	6.00	1.53	6.52	1.59
20.0	3.70	1.36	4.36	1.43	5.01	1.49	5.80	1.57	6.32	1.62
22.0	3.62	1.38	4.28	1.44	4.93	1.51	5.72	1.58	6.24	1.64
24.0	3.54	1.39	4.20	1.46	4.85	1.52	5.64	1.60	6.16	1.65
25.0	3.50	1.40	4.16	1.46	4.81	1.53	5.60	1.61	6.12	1.66
27.0	3.42	1.41	4.08	1.48	4.73	1.54	5.52	1.62	6.03	1.67

SYMBOLS

AFR	:	Air flow rate	(m3/mim.)
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 be used for calculation.)

4 About SHC which are not mentioned on the table.
please calculate them with around values in direct proportion.

5 Capacities are based on the following conditions.
Corresponding refrigerant piping lenght : 5m
Level difference : 0m

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

3D059721

4 Capacity tables

4 - 3 Cooling/Heating capacity tables

FFQ50B8V1B+RXS50G2V1B

AFR	12.0
BF	0.16

Cooling **50Hz 230V**

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	4.76	3.51	1.45	4.61	3.44	1.55	4.46	3.37	1.64	4.40	3.34	1.68	4.31	3.30	1.74	4.16	3.23	1.83
16.0	22	4.92	3.54	1.48	4.77	3.47	1.57	4.62	3.40	1.67	4.56	3.38	1.70	4.47	3.33	1.76	4.32	3.26	1.86
18.0	25	5.07	3.58	1.50	4.92	3.51	1.60	4.77	3.44	1.69	4.71	3.41	1.73	4.62	3.37	1.79	4.47	3.30	1.88
19.0	27	5.15	3.59	1.52	5.00	3.52	1.61	4.85	3.45	1.71	4.79	3.43	1.74	4.70	3.38	1.80	4.55	3.31	1.90
22.0	30	5.38	3.65	1.55	5.23	3.58	1.65	5.08	3.51	1.74	5.02	3.48	1.78	4.93	3.44	1.84	4.78	3.37	1.93
24.0	32	5.54	3.68	1.58	5.39	3.61	1.68	5.24	3.54	1.77	5.18	3.51	1.81	5.09	3.47	1.87	4.94	3.40	1.96

Heating **50Hz 230V**

AFR	12.0

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	2.76	1.41	3.43	1.51	4.09	1.60	4.76	1.70	5.56	1.82	6.09	1.90
18.0	2.73	1.48	3.40	1.58	4.06	1.67	4.73	1.77	5.53	1.89	6.06	1.97
20.0	2.70	1.55	3.37	1.65	4.04	1.74	4.70	1.84	5.50	1.96	6.03	2.04
21.0	2.69	1.58	3.36	1.68	4.02	1.78	4.69	1.88	5.49	2.00	6.02	2.07
22.0	2.68	1.62	3.34	1.72	4.01	1.81	4.67	1.91	5.47	2.03	6.00	2.11
24.0	2.65	1.69	3.32	1.79	3.98	1.89	4.65	1.98	5.45	2.10	5.98	2.18

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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 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

FCQ50C7VEB+RXS50G2V1B

Cooling **50Hz 220-240V**

AFR	12.5
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	5.12	3.56	1.08	4.89	3.43	1.19	4.66	3.31	1.29	4.56	3.26	1.33	4.42	3.18	1.39	4.19	3.06	1.50
16.0	22	5.35	3.49	1.09	5.12	3.37	1.19	4.89	3.26	1.30	4.79	3.21	1.34	4.65	3.14	1.40	4.42	3.03	1.50
18.0	25	5.58	3.62	1.09	5.35	3.50	1.20	5.12	3.40	1.30	5.02	3.35	1.34	4.88	3.29	1.41	4.65	3.18	1.51
19.0	27	5.70	3.77	1.10	5.47	3.67	1.20	5.23	3.56	1.31	5.14	3.52	1.35	5.00	3.46	1.41	4.77	3.35	1.51
22.0	30	6.04	3.62	1.11	5.81	3.53	1.21	5.58	3.44	1.32	5.49	3.40	1.36	5.35	3.34	1.42	5.11	3.25	1.52
24.0	32	6.27	3.52	1.11	6.04	3.43	1.22	5.81	3.34	1.32	5.72	3.31	1.36	5.58	3.26	1.43	5.34	3.18	1.53

Heating **50Hz 220-240V**

AFR	12.5

Indoor	Outdoor temperature (°CWB)									
EDB	-10		-5		0		6		10	
(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	4.04	1.37	4.72	1.44	5.39	1.50	6.21	1.58	6.75	1.64
20.0	3.83	1.41	4.51	1.47	5.19	1.54	6.00	1.62	6.54	1.67
22.0	3.75	1.42	4.43	1.49	5.10	1.55	5.92	1.63	6.46	1.69
24.0	3.67	1.44	4.34	1.50	5.02	1.57	5.83	1.65	6.38	1.70
25.0	3.62	1.44	4.30	1.51	4.98	1.58	5.79	1.66	6.33	1.71
27.0	3.54	1.46	4.22	1.52	4.90	1.59	5.71	1.67	5.97	1.71

3D057248

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)

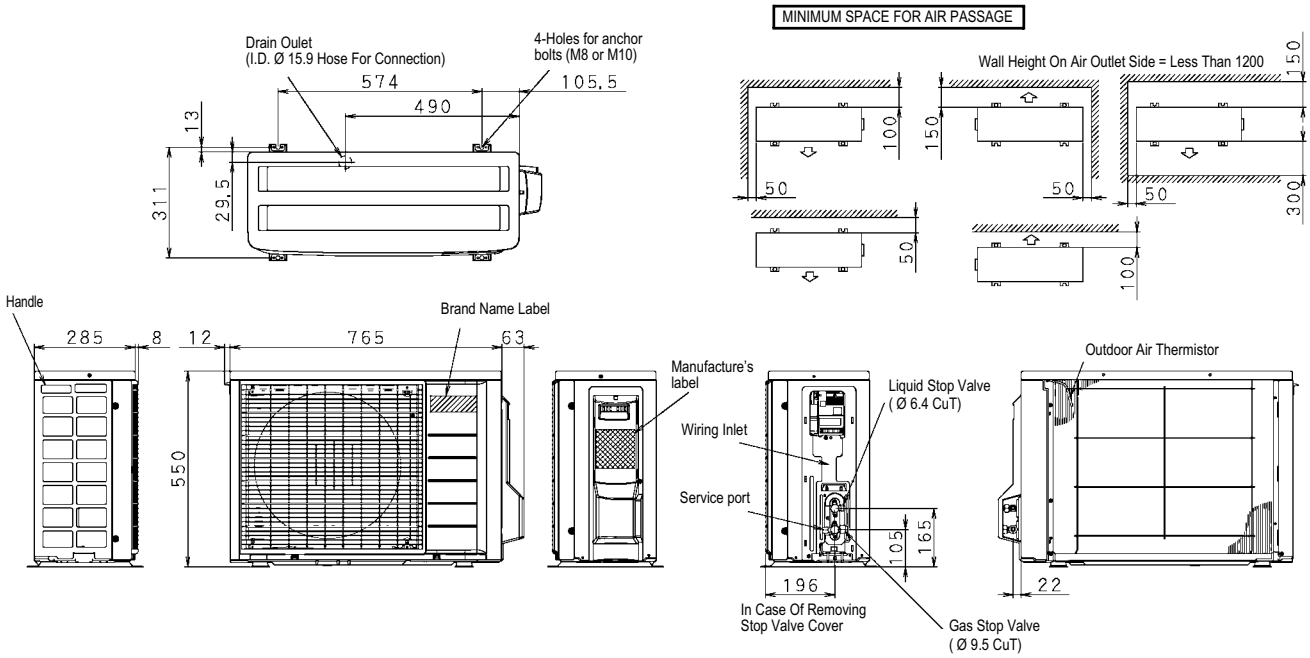
NOTES

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

5 Dimensional drawing & centre of gravity

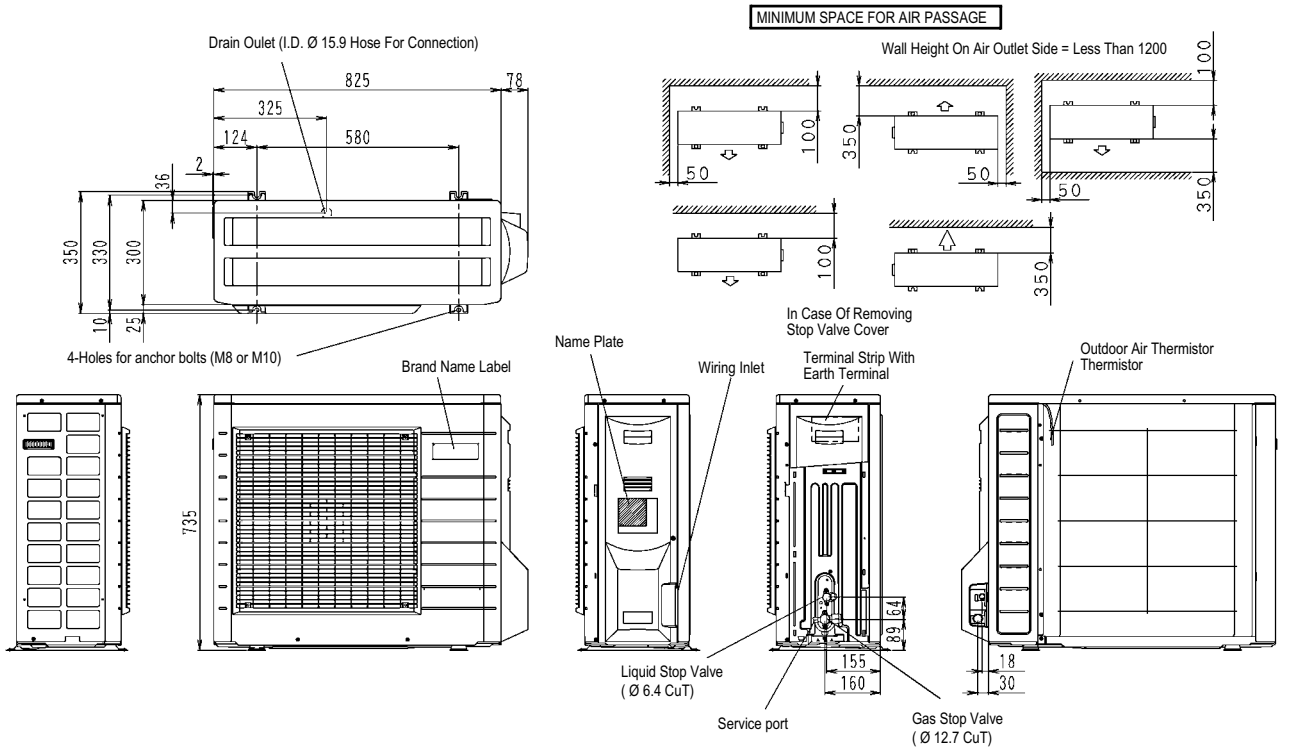
5 - 1 Dimensional drawing

RXS20-42G



3D055546A

RXS50G

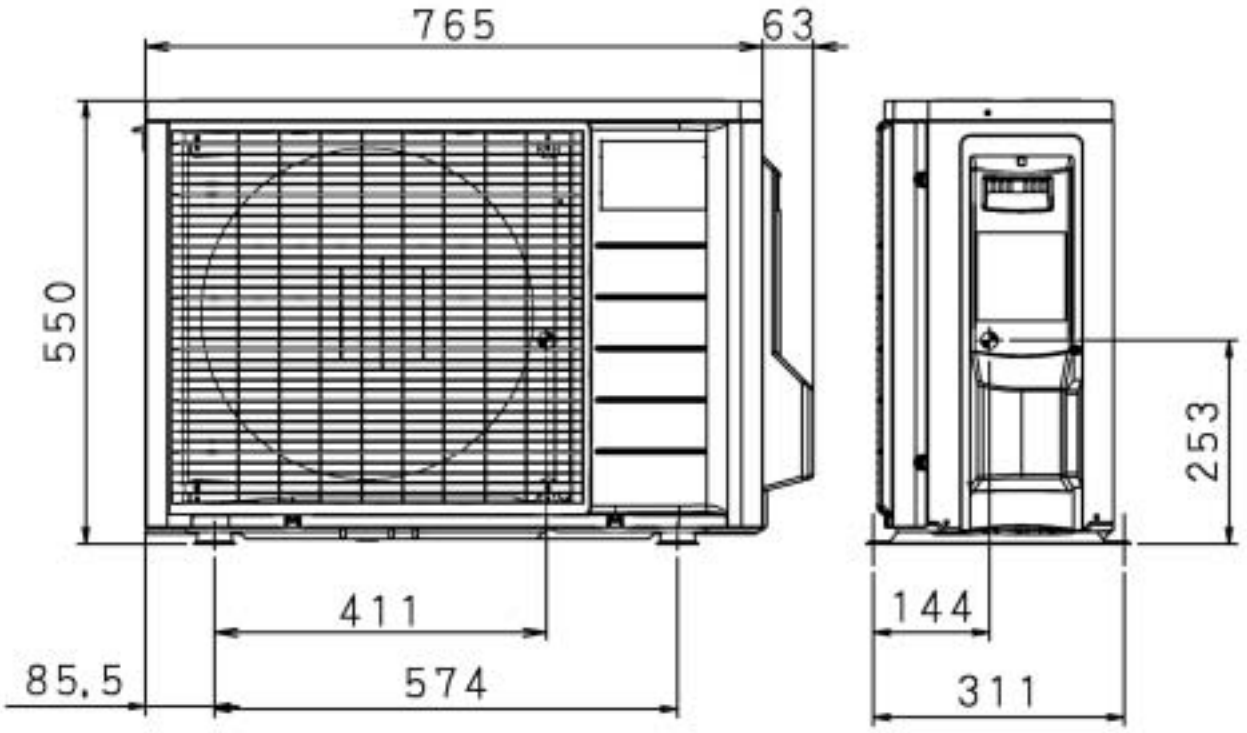


3D051657H

5 Dimensional drawing & centre of gravity

5 - 2 Centre of gravity

RXS20-35G



4D056351D

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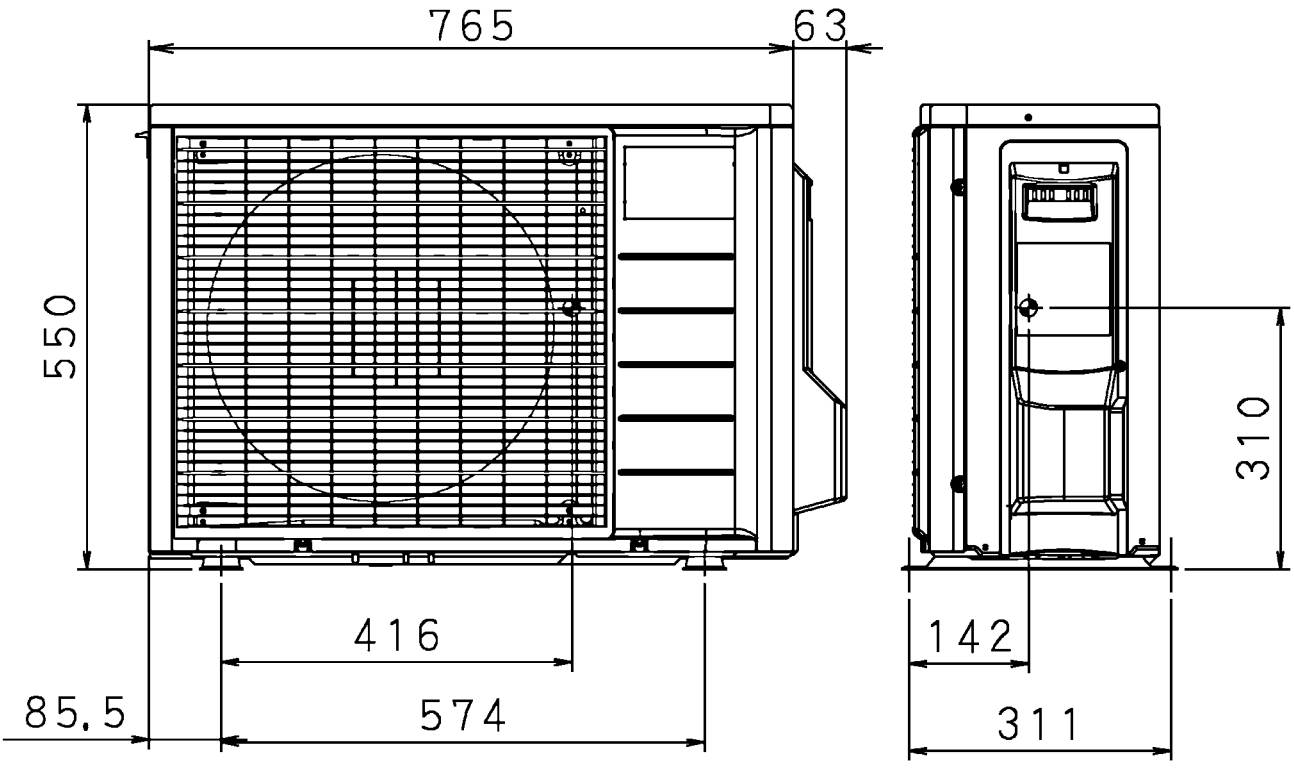
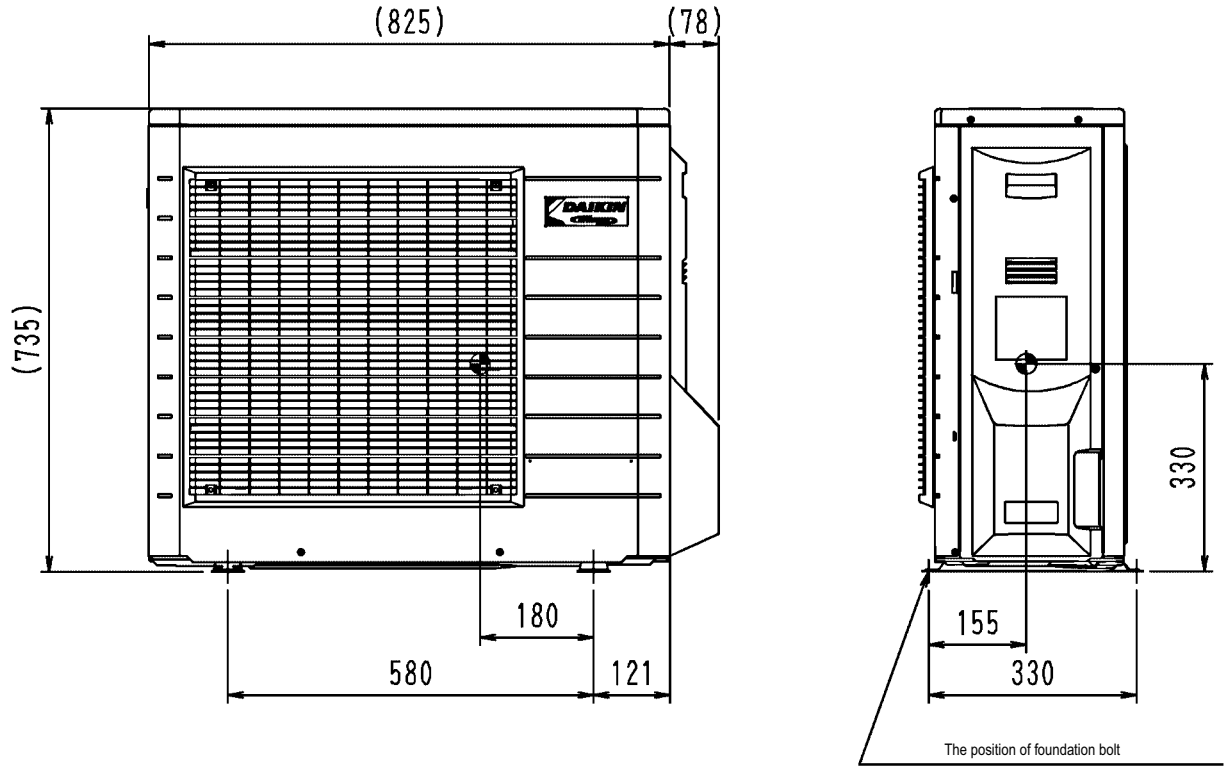


4D059009A

5 Dimensional drawing & centre of gravity

5 - 2 Centre of gravity

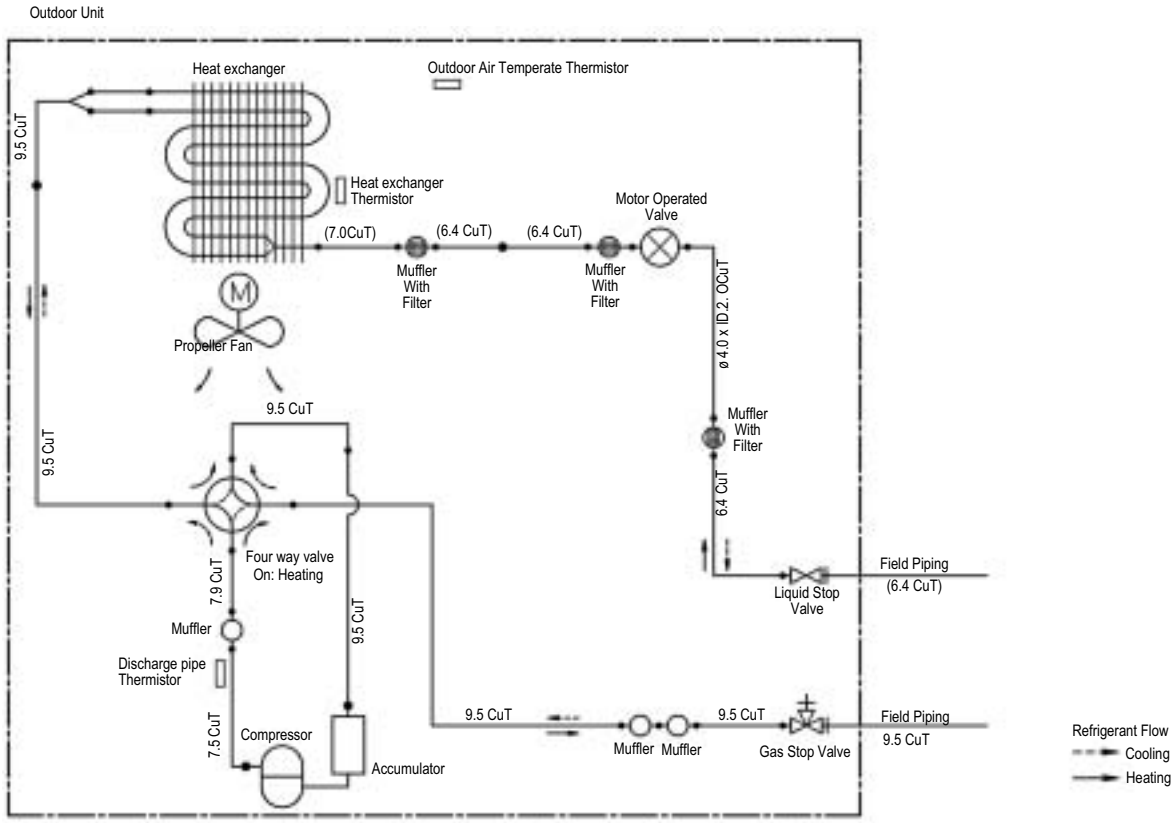
RXS50G



4D051638G

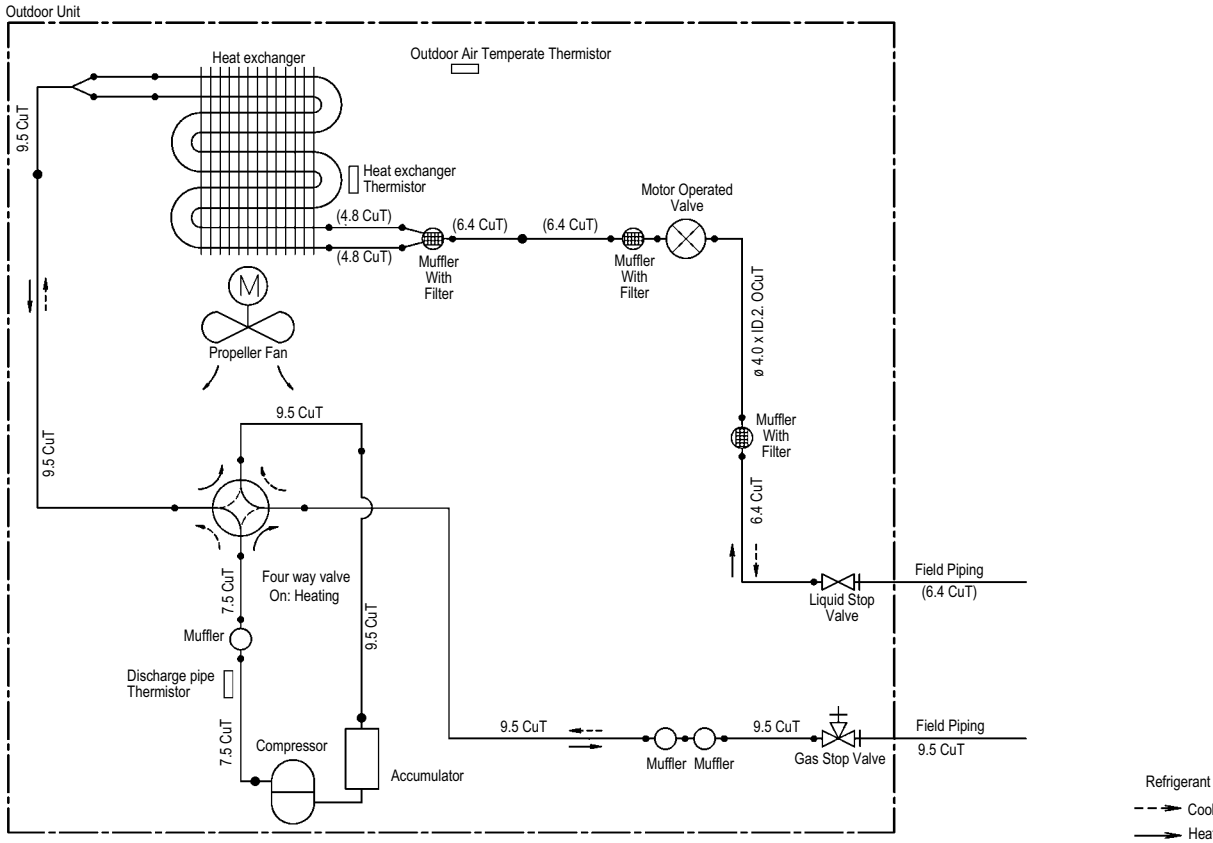
6 Piping diagram

RXS20G



3D059587

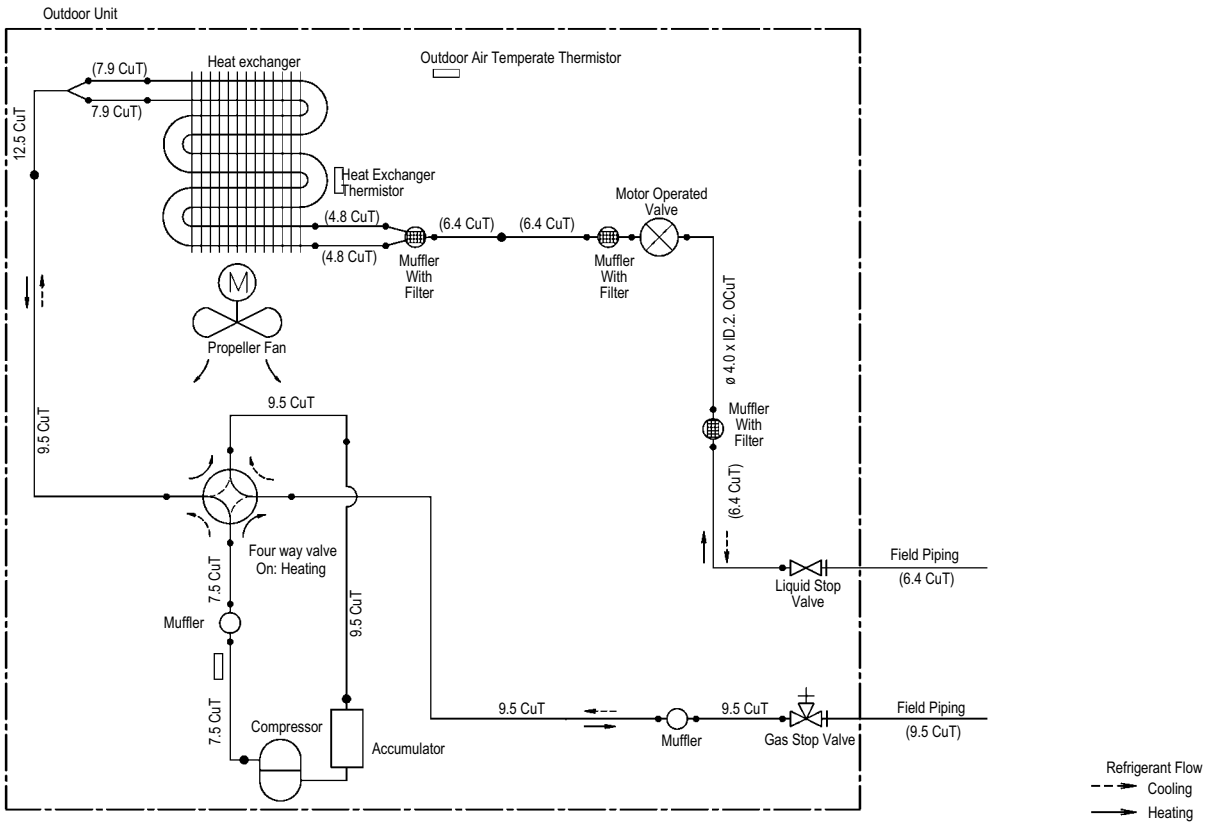
RXS25-35G



3D059586

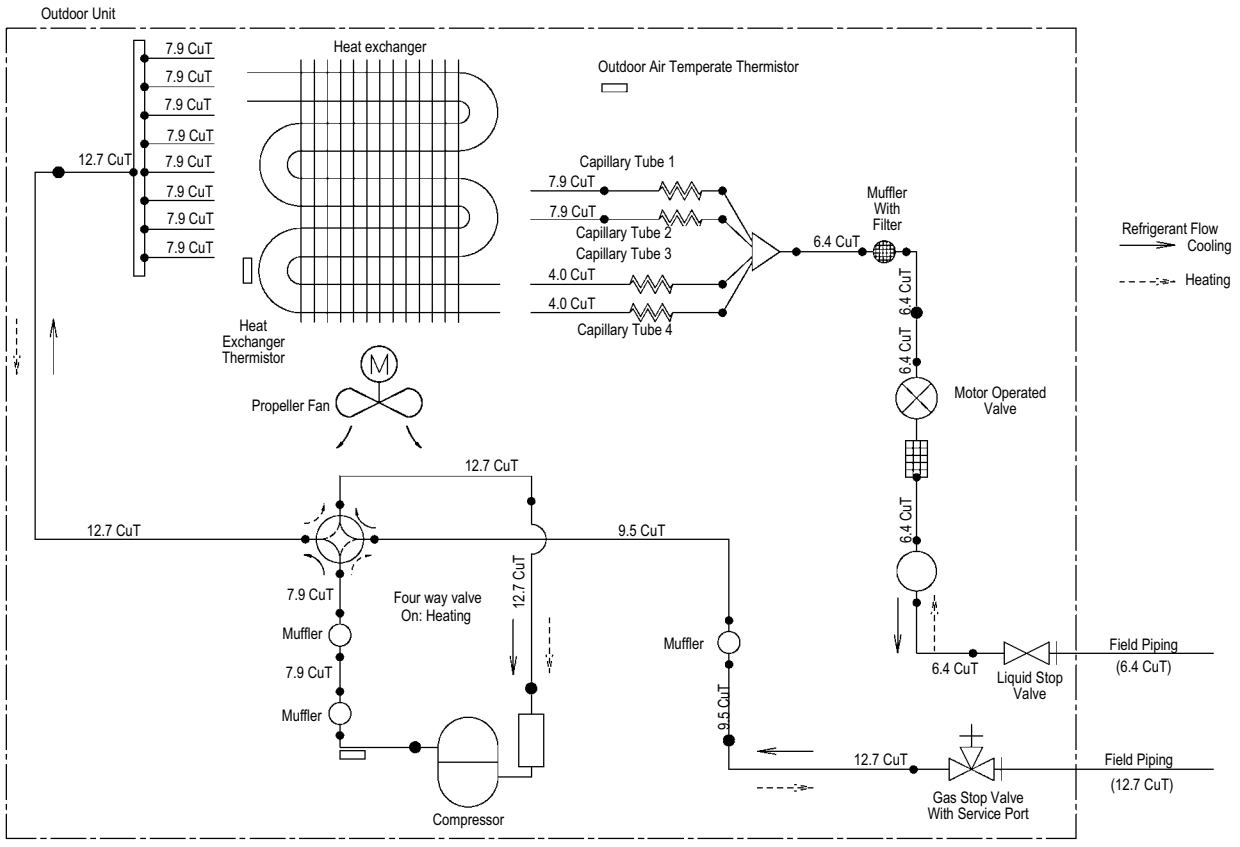
6 Piping diagram

RXS42G



3D059590

RXS50G

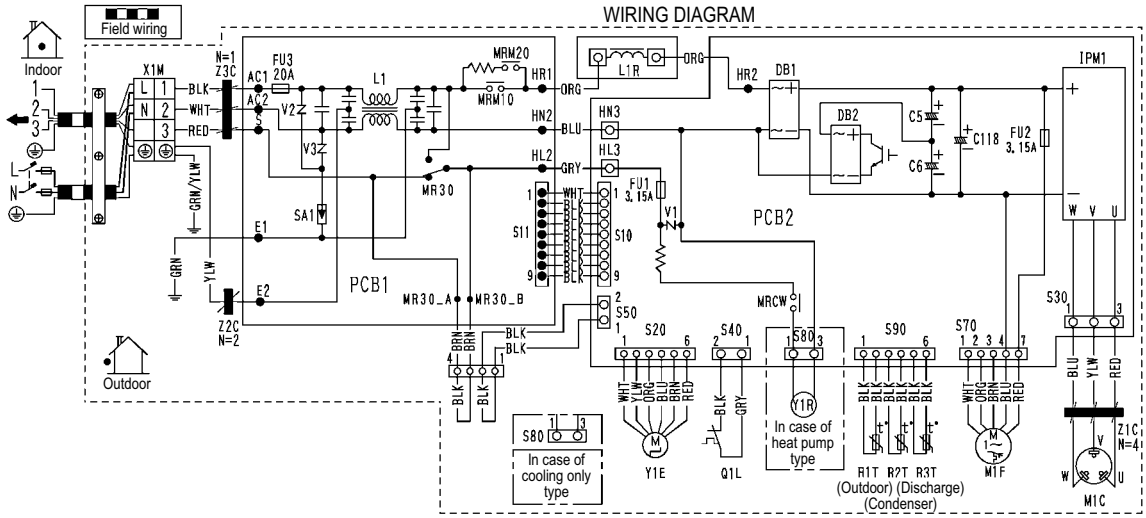


3D051637F

7 Wiring diagram

7 - 1 Wiring diagram

RXS20-35G



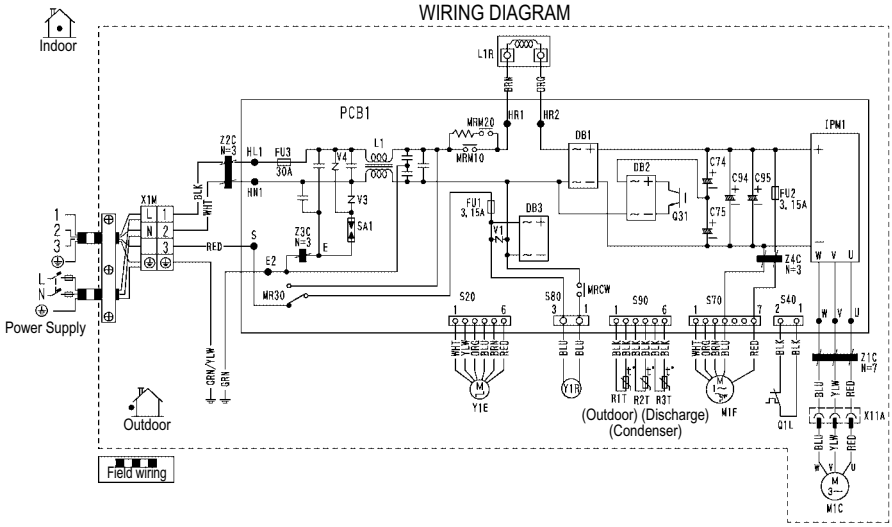
C5, C6, C118	: Capacitor	PCB1, PCB2	: Printed Circuit Board	V1, V2, V3	: Varistor
DB1, DB2	: Diode Bridge	PTC1	: Thermistor PTC	X1M	: Terminal strip
FU1, FU2, FU3	: Fuse	S10, S11, S20, S30,		Y1E	: Electronic Expansion Valve Coil
IPM1	: Intelligent Power Module	S40, S50, S70, S80,		Y1R	: Reversing Solenoide Valve Coil
L	: Live	S90, HL3, HN3	: Connector	Z1C, Z2C, Z3C	: Ferrite Core
L1	: Coil	R1T, R2T, R3T	: Thermistor	⏚	: Protective Earth
L1R	: Reactor	SA1	: Surge Arrester		
M1R	: Compressor motor				
M1C	: Fan Motor				
M1F	: Magnetic Relay				
MRCW, MR30, MRM10, MRM20	: Neutral				
Q1L	: Overload protector				

3D058684A

NOTE

1 Refer to the nameplate for the power requirements.

RXS42G



C74, C75, C94		M1F	: Fan motor	V1, V3, V4	Varistor	BLK	: Black
C95	: Capacitor	MRCW, MRM10,		X1M	Therminal Strip	BLU	: Blue
DB1, DB2, DB3	: Diode Bridge	MRM20, MR30	: Magnetic Relay	Y1E	Electronic Expansion Valve Coil	BRN	: Brown
FU1, FU2, FU3	: Fuse	N	: Neutral	Y1R	Reversing Solenoide Valve Coil	GRN	: Green
IPM1	: Intelligent Power Module	PCB1	: Printed Circuit Board	Z1C, Z2C, Z3C,		ORG	: Orange
L	: Live	Q1L	: Overload Protector	Z4C	: Ferrite Core	RED	: Green
L1	: Coil	R1T~R3T	: Thermistor	⏚	: Protection Earth	WHT	: White
L1R	: Reactor	SA1	: Surge arrester	S20, S40, S70		YLW	: Yellow
M1C	: Compressor motor	Q31	: IGBT	S80, S90			
				X11A	: Connector		

3D059601

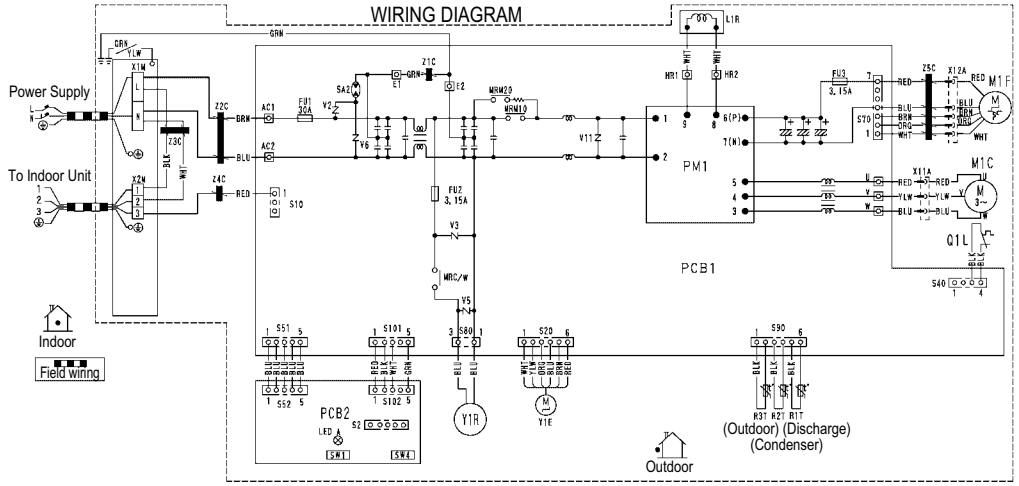
NOTES

1 Refer to purchasing specification AS303002, unless otherwise specified.
2 This drawing was drawn on cad system.
3 the electric wiring diagram label is 3P210678-1

7 Wiring diagram

7 - 1 Wiring diagram

RXS50G



Z1C~Z5C	: Ferrite Core	MRM10, MRM20		L	: Live	M1C	: Compressor motor
X1M, X2M	: Terminal Strip	MRC/W	: Magnetic Relay	N	: Neutral	M1F	: Fan Motor
Y1E	: Electronic Expansion Valve Coil	R1T~R3T	: Thermistor	SW1	: Forced Operation On/Off SW (SW1)	L1R	: Reactor
V2, V3, V5, V6, V 11	: Varistor	S2~S102	: Connector	SW4	: Local Setting SW (SW4)	Q1L	: Overload Protector
SA2	: Surge Arrester	LEDA	: Pilot Lamp			PM1	: Reactor
FU1, FU2, FU3	: Fuse					PCB1, 2	: Printed Circuit Board
AC1, AC2						Y1R	: Power Module
U, V, W, X11A, X12A, E1, E2						SHEET METAL	: Therminal Strip Fixed Plate
HR1, HR2	: Connector						

3D056095A

NOTES

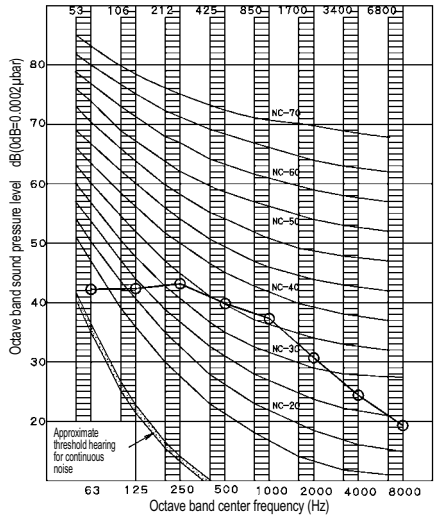
1 Refer to purchasing specification AS303002, unless otherwise specified.
2 This drawing was drawn on cad system.
3 the electric wiring diagram label is 3P193830-1

8 Sound data

8 - 1 Sound pressure spectrum

RXS20-25G

COOLING



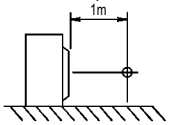
3D059599

NOTES

1 Operating conditons:
○———○ : 50 Hz 220-240V (dB) Overall (dB)
Cooling

2 Measure in anechoic room

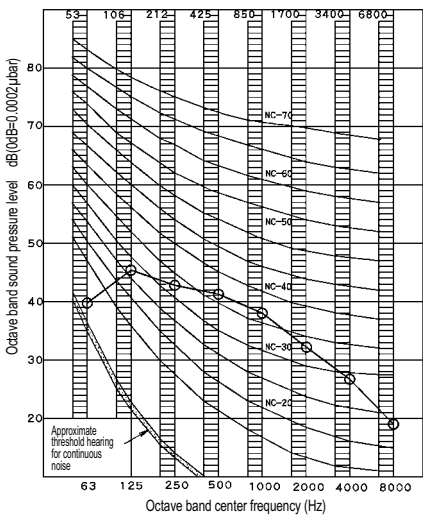
3 Location of microphone



4 Operation noise differs with operation and ambient conditions.

RXS20-25G

HEATING



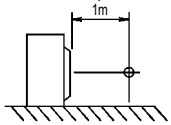
3D059599

NOTES

1 Operating conditons:
○———○ : 50 Hz 220-240V (dB) Overall (dB)
Heating

2 Measure in anechoic room

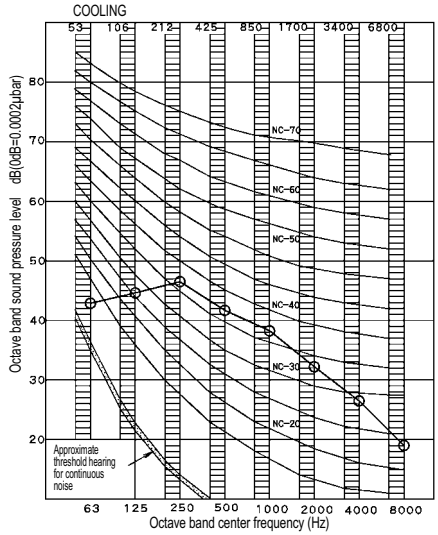
3 Location of microphone



4 Operation noise differs with operation and ambient conditions.

RXS35G

COOLING



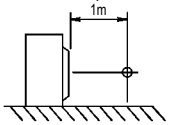
3D059593

NOTES

1 Operating conditons:
○———○ : 50 Hz 220-240V (dB) Overall (dB)
Cooling

2 Measure in anechoic room

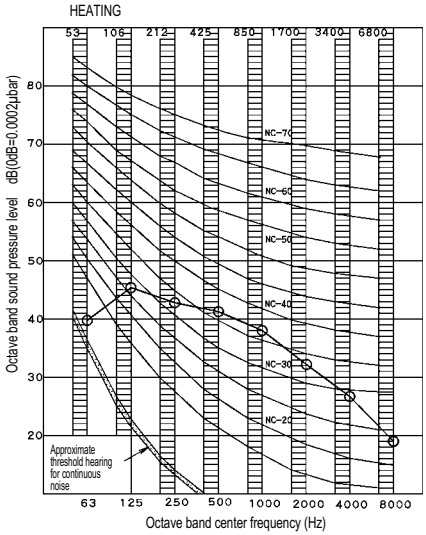
3 Location of microphone



4 Operation noise differs with operation and ambient conditions.

RXS35G

HEATING



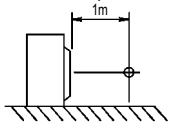
3D059593

NOTES

1 Operating conditons:
○———○ : 50 Hz 220-240V (dB) Overall (dB)
Heating

2 Measure in anechoic room

3 Location of microphone

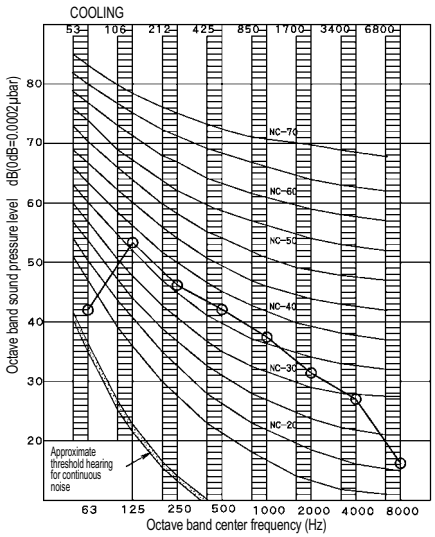


4 Operation noise differs with operation and ambient conditions.

8 Sound data

8 - 1 Sound pressure spectrum

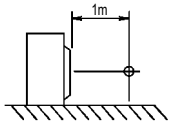
RXS42G



3D059597

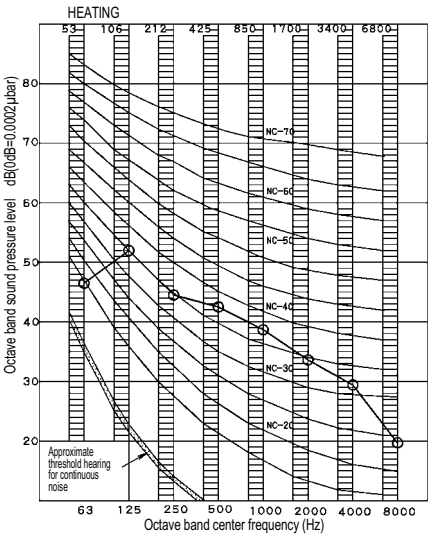
NOTES

1 Operating conditons:
○———○ : 50 Hz 220-240V (dB) Overall (dB)
Cooling
2 Measure in anechoic room
3 Location of microphone



4 Operation noise differs with operation and ambient conditions.

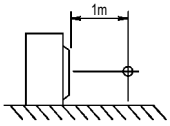
RXS42G



3D059597

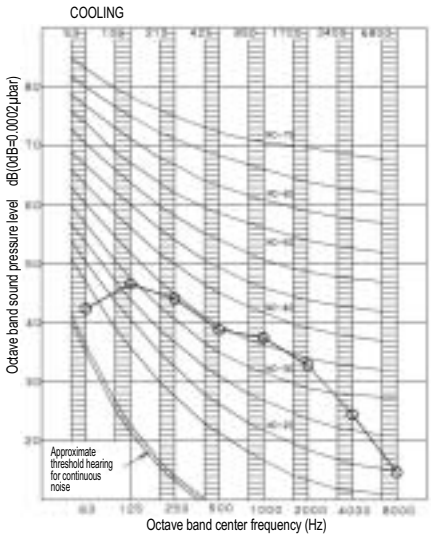
NOTES

1 Operating conditons:
○———○ : 50 Hz 220-240V (dB) Overall (dB)
Heating
2 Measure in anechoic room
3 Location of microphone



4 Operation noise differs with operation and ambient conditions.

RXS50G

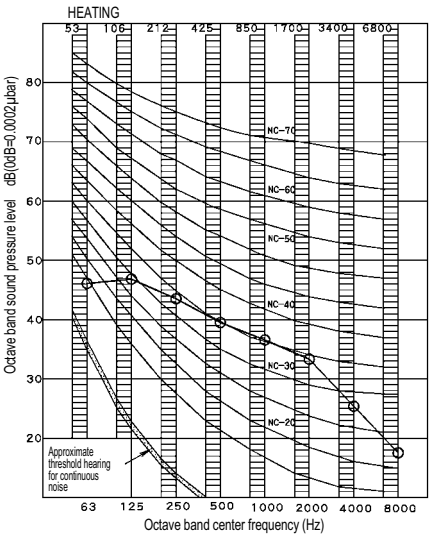


3D059740

NOTES

1 Operating conditons:
○———○ : 50 Hz 220-240V (dB) Overall (dB)
Cooling
2 Measure in anechoic room
3 Location of microphone
4 Operation noise differs with operation and ambient conditions.

RXS50G



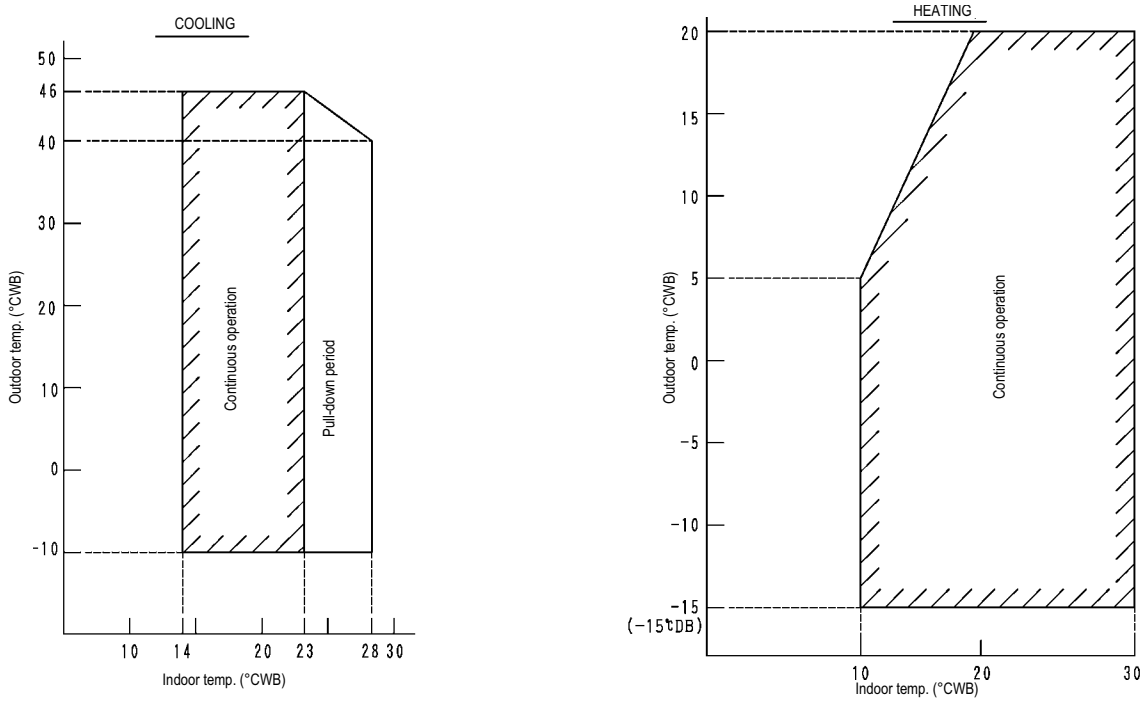
3D059740

NOTES

1 Operating conditons:
○———○ : 50 Hz 220-240V (dB) Overall (dB)
Heating
2 Measure in anechoic room
3 Location of microphone
4 Operation noise differs with operation and ambient conditions.

9 Operation range

RXS20-42G

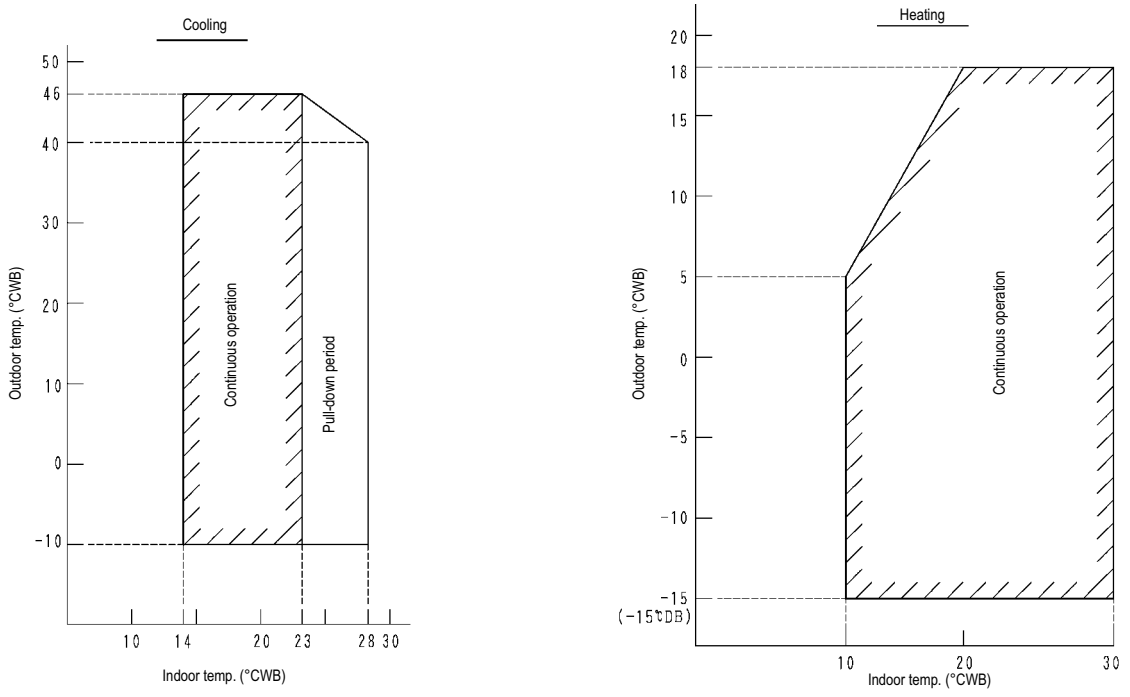


3D039536K

NOTES

1 The graphs are based on the following conditions.
- Equivalent piping length 7.5m
- Level difference 0m
- Air Flow Rate High

RXS50G



3D028318M

NOTES

1 The graphs are based on the following conditions.
- Equivalent piping length 7.5m
- Level difference 0m
- Air Flow Rate High

1

Split - Sky Air

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 intension 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.

Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.

ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.

CE Daikin units comply with the European regulations that guarantee the safety of the product.

Daikin Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products.

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