

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

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2 Specifications

2-1 NOMINAL CAPACITY AND NOMINAL INPUT				RXS20E2V1B	RXS25E2V1B	RXS35E2V1B
For combination indoor units + outdoor units	Indoor Units			FTXS20D3VMW	FTXS25D3VMW	FTXS35D3VMW
Cooling capacity	Minimum	kW		1.2	1.2	1.2
	Standard	kW		2.0	2.5	3.4
	Maximum	kW		2.6	3.0	3.8
Heating capacity	Minimum	kW		1.2	1.2	1.2
	Standard	kW		2.7	3.4	4.0
	Maximum	kW		4.1	4.5	5.0
Nominal input	Cooling	Minimum	kW	0.30	0.3	0.30
		Standard	kW	0.48	0.6	1.00
		Maximum	kW	0.82	0.8	1.22
	Heating	Minimum	kW	0.29	0.29	0.29
		Standard	kW	0.65	0.83	1.08
		Maximum	kW	1.29	1.34	1.55
For combination indoor units + outdoor units	EER	Nominal		4.17	4.17	3.40
	COP	Nominal		4.15	4.10	3.70
	Energy Labeling Directive	Cooling			A	A
		Heating			A	A
	Annual energy consumption	kWh		240	300	500
	Indoor Units			FTXS20D3VML	FTXS25D3VML	FTXS35D3VML
Cooling capacity	Minimum	kW		1.2	1.2	1.2
	Standard	kW		2.0	2.5	3.4
	Maximum	kW		2.6	3.0	3.8
Heating capacity	Minimum	kW		1.2	1.2	1.2
	Standard	kW		2.7	3.4	4.0
	Maximum	kW		4.1	4.5	5.0
Nominal input	Cooling	Minimum	kW	0.30	0.3	0.30
		Standard	kW	0.48	0.6	1.00
		Maximum	kW	0.82	0.8	1.22
	Heating	Minimum	kW	0.29	0.29	0.29
		Standard	kW	0.65	0.83	1.08
		Maximum	kW	1.29	1.34	1.55
For combination indoor units + outdoor units	EER	Nominal		4.17	4.17	3.40
	COP	Nominal		4.15	4.10	3.70
	Energy Labeling Directive	Cooling			A	A
		Heating			A	A
	Annual energy consumption	kWh		240	300	500
	Indoor Units				FDXS25EAVMB	FDXS35EAVMB
Cooling capacity	Minimum	kW			1.3	1.4
	Standard	kW			2.4	3.4
	Maximum	kW			3.0	3.8
Heating capacity	Minimum	kW			1.3	1.4
	Standard	kW			3.2	4.0
	Maximum	kW			4.5	5.0
Nominal input	Cooling	Standard	kW		0.69	1.09
	Heating	Standard	kW		0.91	1.18
For combination indoor units + outdoor units	EER	Nominal			3.48	3.12
	COP	Nominal			3.52	3.39
	Energy Labeling Directive	Cooling			A	B
		Heating			B	C
	Annual energy consumption	kWh			345	545
	Indoor Units				FLXS25BAVMB	FLXS35BAVMB

2 Specifications

2-1 NOMINAL CAPACITY AND NOMINAL INPUT				RXS20E2V1B	RXS25E2V1B	RXS35E2V1B
Cooling capacity	Minimum	kW			1.2	1.2
	Standard	kW			2.5	3.5
	Maximum	kW			3.0	3.8
Heating capacity	Minimum	kW			1.2	1.4
	Standard	kW			3.4	4.0
	Maximum	kW			4.5	5.0
Nominal input	Cooling	Minimum	kW		0.30	0.30
		Standard	kW		0.65	1.13
		Maximum	kW		0.86	1.26
	Heating	Minimum	kW		0.29	0.29
		Standard	kW		0.98	1.23
		Maximum	kW		1.49	1.85
For combination indoor units + outdoor units	EER	Nominal			3.85	3.10
	COP	Nominal			3.47	3.25
	Energy Labeling Directive	Cooling			A	B
		Heating			B	C
	Annual energy consumption	kWh			325	565
	Indoor Units				FFQ25B8V1B	FFQ35B8V1B
Cooling capacity	Standard	kW			2.5	3.4
Heating capacity	Standard	kW			3.2	4.0
Nominal input	Cooling	Standard	kW		0.73	1.10
	Heating	Standard	kW		0.92	1.20
For combination indoor units + outdoor units	EER	Nominal			3.42	3.09
	COP	Nominal			3.48	3.33
	Energy Labeling Directive	Cooling			A	B
		Heating			B	C
	Annual energy consumption	kWh			365	550
	Indoor Units					FBQ35B8V1
Cooling capacity	Standard	kW				3.4
Heating capacity	Standard	kW				4.0
Nominal input	Cooling	Standard	kW			1.17
	Heating	Standard	kW			1.22
For combination indoor units + outdoor units	EER	Nominal				2.91
	COP	Nominal				3.28
	Energy Labeling Directive	Cooling				C
		Heating				C
	Annual energy consumption	kWh				585
	Indoor Units					FHQ35BV1B
Cooling capacity	Minimum	kW				1.4
	Standard	kW				3.4
	Maximum	kW				3.7
Heating capacity	Minimum	kW				1.2
	Standard	kW				4.0
	Maximum	kW				5.0
Nominal input	Cooling	Standard	kW			1.05
	Heating	Standard	kW			1.11
For combination indoor units + outdoor units	EER	Nominal				3.24
	COP	Nominal				3.60
	Energy Labeling Directive	Cooling				A
		Heating				B
	Annual energy consumption	kWh				525

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2 Specifications

2-2 TECHNICAL SPECIFICATIONS				RXS20E2V1B	RXS25E2V1B	RXS35E2V1B	
Casing	Colour			Ivory White			
Dimensions	Unit	Height	mm	550	550	550	
		Width	mm	765	765	765	
		Depth	mm	285	285	285	
	Packing	Height	mm	589	617	617	
		Width	mm	882	882	882	
		Depth	mm	363	363	363	
Weight	Unit		kg	30	32	32	
	Packed Unit		kg	35	38	38	
Heat Exchanger	Dimensions	Length	mm	828	805	805	
		Nr of Rows			1	2	2
		Fin Pitch	mm	1.4	1.4	1.4	
		Nr of Stages			24	24	24
	Tube type		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	m ³ /min	36.2(H) - 25.7(L)	33.5(H) - 23.4(L)	33.5(H) - 23.4(L)	
		Heating	m ³ /min	32.6(H) - 30.6(L)	30.2(H) - 28.3(L)	30.2(H) - 28.3(L)	
	Motor	Quantity		1	1	1	
Model		D238-28					
Motor	Speed (nominal)	Cooling	rpm	860(H) - 620(L)		860(H) - 620(L)	
		Heating	rpm	860(H) - 810(L)		860(H) - 810(L)	
Fan	Motor	Output	W	50	50	50	
Compressor	Quantity			1	1	1	
	Motor	Model		1YC23NXD#C			
		Type		Hermetically sealed swing compressor			
		Motor Output	W	600	600	600	
Operation Range	Cooling	Min	°CDB	-10	-10	-10	
		Max	°CDB	+46	+46	+46	
	Heating	Min	°CWB	-15	-15	-15	
		Max	°CWB	+20	+20	+20	
Sound Level (nominal)	Cooling	Sound Power	dBA	61(H)	61(H)	62(H)	
		Sound Pressure	dBA	46(H) - 43(L)	46(H) - 43(L)	47(H) - 44(L)	
	Heating	Sound Pressure	dBA	47(H) - 44(L)	62(H)	48(H) - 45(L)	
Sound Level (Night quiet)	Sound Pressure		dBA	47(H) - 44(L)			
Refrigerant	Type			R-410A			
	Charge		kg	0.8	1.0	1.0	
Refrigerant Oil	Type			FVC50K			
	Charged Volume		l	0.375	0.375	0.375	

2 Specifications

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2-2 TECHNICAL SPECIFICATIONS				RXS20E2V1B	RXS25E2V1B	RXS35E2V1B
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.35	6.35	6.35
	Gas	Diameter (OD)	mm	9.5	9.5	9.5
	Drain	Diameter (OD)	mm	18	18	18
	Piping Length	Maximum	m	20	20	20
		Chargeless	m		10	10
	Additional Refrigerant Charge		kg/m	0.02/>10m		
	Installation height difference	Maximum	m	15	15	15
Heat Insulation			Both liquid and gas pipes		Both liquid and gas pipes	
Standard Accessories	Item			Installation manual		
	Quantity			1	1	1
	Item			Drain plug		Drain plug
	Quantity				1	1
Notes			Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.			

2-3 ELECTRICAL SPECIFICATIONS				RXS20E2V1B	RXS25E2V1B	RXS35E2V1B
Power Supply	Name			V1		
	Phase			1	1	1
	Frequency		Hz	50	50	50
	Voltage		V	220-240		
Current	Nominal running current (RLA)	Cooling (A)	A	2.44	3.14	4.42
		Heating (A)	A	3.34	3.94	4.72
	Starting current (cooling/heating)		A	3.7	4.3	5.1
	Z-max	List		No requirements		
	Maximum Running Current		A		3.33/4.13	4.61/4.91
Wiring connections	For Power Supply	Quantity		3	3	3
	For connection with indoor	Quantity		4	4	4
		Remark		(including earth wiring)		

3 Features



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4 Electrical data

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Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS20D3VMW/L	RXS20E2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	40	2.3	23	0.20	40	0.14
		50 - 230					2.1				
		50 - 240					2.0				

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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
FTXS25D3VMW/L	RXS25E2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	48.5	3.0	23	0.22	40	0.14
		50 - 230					2.8				
		50 - 240					2.7				

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- 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.
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4 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
FLXS25BAVMB	RXS25E2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	50	3.2	23	0.16	34	0.34
		50 - 230					3.1				
		50 - 240					2.9				

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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.
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Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FDXS25EAVMB	RXS25E2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	54.5	3.5	23	0.16	62	0.5
		50 - 230					3.3				
		50 - 240					3.2				

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SYMBOLS

MCA : Min. Circuit Amps (A)
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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.
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4 Electrical data

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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	RXS25E2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	55	3.7	23	0.16	55	0.6
		50 - 230					3.5				
		50 - 240					3.4				

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SYMBOLS

MCA : Min. Circuit Amps (A)
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NOTES

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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
FTXS35D3VMW/L	RXS35E2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	75	4.3	23	0.22	40	0.14
		50 - 230					4.1				
		50 - 240					3.9				

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SYMBOLS

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OFM : Outdoor Fan Motor
IFM : Indoor Fan Motor
FLA : Full Load Amps (A)
W : Rated motor output (W)

NOTES

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Indoor temp.: 27°CDB/19.0°CWB
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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.
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4 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
FLXS35BAVMB	RXS35E2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	82	4.8	23	0.22	34	0.38
		50 - 230					4.6				
		50 - 240					4.4				

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SYMBOLS

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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.
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Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FDXS35EAVMB	RXS35E2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	78	4.7	23	0.22	62	0.5
		50 - 230					4.5				
		50 - 240					4.3				

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3. Select wire size based on the larger value of MCA.
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4 Electrical data

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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	RXS35E2V2B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	80	5.1	23	0.16	65	0.5
		50 - 230					4.9				
		50 - 240					4.7				

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Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FCQ35B8V1	RXS35E2V2B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	78	4.8	23	0.16	45	0.6
		50 - 230					4.5				
		50 - 240					4.3				

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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	RXS35E2V2B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	79	4.8	23	0.16	55	0.6
		50 - 230					4.6				
		50 - 240					4.4				

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NOTES

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Outdoor temp. : 35°CDB
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3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.
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Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FHQ35BV1B	RXS35E2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	76	4.5	23	0.22	62	0.6
		50 - 230					4.3				
		50 - 240					4.1				

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Outdoor temp. : 35°CDB
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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.

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FTXS20D3VMW/L+RXS20E2V1B

AFR	8.7
BF	0.21

Cooling

50Hz 220-240V

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	2.05	1.71	0.37	1.96	1.66	0.40	1.86	1.62	0.44	1.83	1.60	0.45	1.77	1.58	0.47	1.68	1.53	0.51
16.0	22	2.14	1.68	0.37	2.05	1.64	0.41	1.95	1.60	0.44	1.92	1.58	0.46	1.86	1.56	0.48	1.77	1.52	0.51
18.0	25	2.23	1.78	0.37	2.14	1.75	0.41	2.05	1.71	0.44	2.01	1.69	0.46	1.95	1.67	0.48	1.86	1.64	0.51
19.0	27	2.28	1.91	0.37	2.19	1.87	0.41	2.09	1.83	0.44	2.06	1.82	0.46	2.00	1.80	0.48	1.91	1.76	0.52
22.0	30	2.42	1.85	0.38	2.32	1.82	0.41	2.23	1.78	0.45	2.19	1.77	0.46	2.14	1.75	0.48	2.05	1.72	0.52
24.0	32	2.51	1.81	0.38	2.42	1.78	0.41	2.32	1.75	0.45	2.29	1.74	0.46	2.23	1.72	0.49	2.14	1.69	0.52

Heating

50Hz 220-240V

AFR	9.4
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Indoor		Outdoor temperature (°CDB)									
EDB (°C)		-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		1.82	0.55	2.12	0.58	2.43	0.60	2.79	0.64	3.04	0.66
20.0		1.72	0.56	2.03	0.59	2.33	0.62	2.70	0.65	2.94	0.67
22.0		1.69	0.57	1.99	0.60	2.30	0.62	2.66	0.66	2.91	0.68
24.0		1.65	0.58	1.95	0.60	2.26	0.63	2.63	0.66	2.87	0.68
25.0		1.63	0.58	1.94	0.61	2.24	0.63	2.61	0.66	2.85	0.69
27.0		1.59	0.58	1.90	0.61	2.20	0.64	2.57	0.67	2.81	0.69

3D055032

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

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

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FTXS25D3VMW/L+RXS25E2V1B																							
Cooling																		50Hz 220-240V		AFR		8.7	
																		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	1.93	0.46	2.44	1.87	0.50	2.33	1.82	0.55	2.28	1.79	0.57	2.21	1.76	0.59	2.10	1.70	0.64				
16.0	22	2.68	1.90	0.46	2.56	1.84	0.51	2.44	1.79	0.55	2.40	1.77	0.57	2.33	1.74	0.60	2.21	1.69	0.64				
18.0	25	2.79	1.99	0.47	2.68	1.94	0.51	2.56	1.89	0.55	2.51	1.87	0.57	2.44	1.84	0.60	2.33	1.80	0.64				
19.0	27	2.85	2.11	0.47	2.73	2.06	0.51	2.62	2.01	0.56	2.57	1.99	0.57	2.50	1.96	0.60	2.38	1.92	0.64				
22.0	30	3.02	2.03	0.47	2.91	1.99	0.52	2.79	1.95	0.56	2.74	1.93	0.58	2.67	1.91	0.60	2.56	1.86	0.65				
24.0	32	3.14	1.98	0.47	3.02	1.94	0.52	2.90	1.90	0.56	2.86	1.89	0.58	2.79	1.86	0.61	2.67	1.83	0.65				

Heating												50Hz 220-240V		AFR		9.4	
Indoor		Outdoor temperature (°CDB)															
EDB		-10		-5		0		6		10							
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI						
15.0		2.29	0.70	2.67	0.74	3.06	0.77	3.52	0.81	3.82	0.84						
20.0		2.17	0.72	2.56	0.75	2.94	0.79	3.40	0.83	3.71	0.86						
22.0		2.12	0.73	2.51	0.76	2.89	0.80	3.35	0.84	3.66	0.86						
24.0		2.08	0.74	2.46	0.77	2.85	0.80	3.31	0.84	3.61	0.87						
25.0		2.05	0.74	2.44	0.77	2.82	0.81	3.28	0.85	3.59	0.88						
27.0		2.01	0.75	2.39	0.78	2.77	0.82	3.24	0.86	3.54	0.88						

3D055033

SYMBOLS			NOTES		
AFR:	Air flow rate	(m ³ /min)	1.	Capacities are based on the following conditions:	
BF:	Bypass factor		(1)	Corresponding refrigerant piping length: 7.5 m	
EWB:	Entering wet bulb temp.	(°C)	(2)	Level difference: 0 m	
EDB:	Entering dry bulb temp.	(°C)	2.	■ shows nominal (rated) capacities and power input.	
TC:	Total capacity	(kW)			
SHC:	Sensible heating capacity	(kW)			
PI:	Power input	(kW)			

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FLXS25BAVMB+RXS25E2V1B

Cooling

50Hz 220-240V

AFR	7.6
BF	0.32

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	2.52	1.77	0.49	2.44	1.73	0.55	2.33	1.67	0.59	2.28	1.65	0.61	2.21	1.61	0.64	2.10	1.55	0.69
16.0	22	2.68	1.76	0.50	2.56	1.71	0.55	2.44	1.65	0.60	2.40	1.63	0.62	2.33	1.59	0.65	2.21	1.54	0.69
18.0	25	2.79	1.83	0.50	2.68	1.78	0.55	2.56	1.72	0.60	2.51	1.70	0.62	2.44	1.67	0.65	2.33	1.62	0.70
19.0	27	2.85	1.91	0.51	2.73	1.86	0.55	2.62	1.81	0.60	2.57	1.79	0.62	2.50	1.76	0.65	2.38	1.71	0.70
22.0	30	3.02	1.84	0.51	2.91	1.79	0.56	2.79	1.75	0.61	2.74	1.73	0.63	2.67	1.70	0.65	2.56	1.66	0.70
24.0	32	3.14	1.79	0.51	3.02	1.74	0.56	2.90	1.70	0.61	2.86	1.68	0.63	2.79	1.66	0.66	2.67	1.62	0.71

Heating

50Hz 220-240V

AFR	9.2
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Indoor		Outdoor temperature (°CDB)									
EDB (°C)		-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.29	0.83	2.67	0.87	3.06	0.91	3.52	0.96	3.82	0.99
20.0		2.17	0.85	2.56	0.89	2.94	0.93	3.40	0.98	3.71	1.01
22.0		2.12	0.86	2.51	0.90	2.89	0.94	3.35	0.99	3.66	1.02
24.0		2.08	0.87	2.46	0.91	2.85	0.95	3.31	1.00	3.61	1.03
25.0		2.05	0.87	2.44	0.91	2.82	0.95	3.28	1.00	3.59	1.03
27.0		2.01	0.88	2.39	0.92	2.77	0.96	3.24	1.01	3.54	1.04

3D055037

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

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

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FDXS25EAVMB+RXS25E2V1B																					
Cooling																		AFR		8.7	
50Hz 220-240V																		BF		0.17	
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	2.46	1.94	0.53	2.35	1.89	0.58	2.24	1.84	0.63	2.19	1.81	0.65	2.12	1.78	0.68	2.01	1.73	0.73		
16.0	22	2.57	1.91	0.53	2.46	1.86	0.58	2.35	1.81	0.63	2.30	1.79	0.65	2.23	1.76	0.69	2.12	1.71	0.74		
18.0	25	2.68	2.02	0.54	2.57	1.97	0.59	2.46	1.92	0.64	2.41	1.91	0.66	2.34	1.88	0.69	2.23	1.83	0.74		
19.0	27	2.74	2.14	0.54	2.62	2.10	0.59	2.51	2.05	0.64	2.47	2.04	0.66	2.40	2.01	0.69	2.29	1.97	0.74		
22.0	30	2.90	2.07	0.54	2.79	2.03	0.59	2.68	1.99	0.64	2.63	1.98	0.66	2.57	1.96	0.69	2.45	1.92	0.75		
24.0	32	3.01	2.02	0.54	2.90	1.99	0.60	2.79	1.95	0.65	2.74	1.94	0.67	2.68	1.92	0.70	2.56	1.88	0.75		

Heating												AFR		8.7	
50Hz 220-240V												BF		0.17	
Indoor		Outdoor temperature (°CDB)													
EDB		-10		-5		0		6		10					
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI				
15.0		2.15	0.77	2.52	0.81	2.88	0.84	3.31	0.89	3.60	0.92				
20.0		2.04	0.79	2.41	0.83	2.77	0.87	3.20	0.91	3.49	0.94				
22.0		2.00	0.80	2.36	0.84	2.72	0.87	3.16	0.92	3.44	0.95				
24.0		1.96	0.81	2.32	0.84	2.68	0.88	3.11	0.93	3.40	0.96				
25.0		1.93	0.81	2.29	0.85	2.66	0.89	3.09	0.93	3.38	0.96				
27.0		1.89	0.82	2.25	0.86	2.61	0.89	3.05	0.94	3.33	0.97				

3D055042

SYMBOLS			NOTES		
AFR:	Air flow rate	(m ³ /min)	1.	Capacities are based on the following conditions:	
BF:	Bypass factor		(1)	Corresponding refrigerant piping length: 7.5 m	
EWB:	Entering wet bulb temp.	(°C)	(2)	Level difference: 0 m	
EDB:	Entering dry bulb temp.	(°C)	2.	■ shows nominal (rated) capacities and power input.	
TC:	Total capacity	(kW)			
SHC:	Sensible heating capacity	(kW)			
PI:	Power input	(kW)			

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FFQ25B8V1B+RXS25E2V1B

Cooling

50Hz 220-240V

AFR	9
BF	0.24

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

3D055487

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

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

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FTXS35D3VMW/L+RXS35E2V1B																					
Cooling																		AFR		8.9	
50Hz 220-240V																		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	3.31	2.33	0.77	3.31	2.33	0.84	3.17	2.25	0.92	3.10	2.22	0.94	3.01	2.17	0.99	2.85	2.09	1.06		
16.0	22	3.64	2.38	0.77	3.48	2.30	0.85	3.32	2.22	0.92	3.26	2.19	0.95	3.17	2.14	0.99	3.01	2.07	1.07		
18.0	25	3.80	2.47	0.78	3.64	2.39	0.85	3.48	2.32	0.92	3.42	2.29	0.95	3.32	2.24	1.00	3.16	2.17	1.07		
19.0	27	3.87	2.57	0.78	3.72	2.50	0.85	3.56	2.43	0.93	3.49	2.40	0.96	3.40	2.36	1.00	3.24	2.29	1.07		
22.0	30	4.11	2.47	0.78	3.95	2.41	0.86	3.79	2.35	0.93	3.73	2.32	0.96	3.63	2.28	1.01	3.48	2.22	1.08		
24.0	32	4.27	2.40	0.79	4.11	2.34	0.86	3.95	2.28	0.94	3.89	2.26	0.97	3.79	2.23	1.01	3.63	2.17	1.08		

Heating												AFR		9.7	
50Hz 220-240V															
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	0.91	3.14	0.96	3.60	1.00	4.14	1.06	4.50	1.09				
20.0		2.55	0.94	3.01	0.98	3.46	1.03	4.00	1.08	4.36	1.12				
22.0		2.50	0.95	2.95	0.99	3.40	1.04	3.94	1.09	4.31	1.13				
24.0		2.44	0.96	2.90	1.00	3.35	1.05	3.89	1.10	4.25	1.14				
25.0		2.42	0.96	2.87	1.01	3.32	1.05	3.86	1.10	4.22	1.14				
27.0		2.36	0.97	2.81	1.02	3.26	1.06	3.81	1.11	4.17	1.15				

3D055034

SYMBOLS			NOTES		
AFR:	Air flow rate	(m ³ /min)	1.	Capacities are based on the following conditions:	
BF:	Bypass factor		(1)	Corresponding refrigerant piping length: 7.5 m	
EWB:	Entering wet bulb temp.	(°C)	(2)	Level difference: 0 m	
EDB:	Entering dry bulb temp.	(°C)	2.	■ shows nominal (rated) capacities and power input.	
TC:	Total capacity	(kW)			
SHC:	Sensible heating capacity	(kW)			
PI:	Power input	(kW)			

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FLXS35BAVMB+RXS35E2V1B

Cooling

50Hz 220-240V

AFR	8.6
BF	0.35

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	2.72	1.92	0.87	2.72	1.92	0.95	2.72	1.92	1.03	2.72	1.92	1.07	2.72	1.92	1.12	2.72	1.92	1.20
16.0	22	3.34	2.14	0.87	3.34	2.14	0.96	3.34	2.14	1.04	3.34	2.14	1.07	3.26	2.10	1.12	3.10	2.01	1.21
18.0	25	3.91	2.42	0.88	3.75	2.34	0.96	3.58	2.26	1.04	3.52	2.22	1.08	3.42	2.17	1.13	3.26	2.09	1.21
19.0	27	3.99	2.51	0.88	3.83	2.43	0.96	3.66	2.34	1.05	3.60	2.31	1.08	3.50	2.27	1.13	3.34	2.19	1.21
22.0	30	4.23	2.40	0.89	4.07	2.33	0.97	3.90	2.26	1.05	3.84	2.23	1.09	3.74	2.19	1.14	3.58	2.12	1.22
24.0	32	4.39	2.32	0.89	4.23	2.26	0.98	4.07	2.19	1.06	4.00	2.16	1.09	3.90	2.13	1.14	3.74	2.06	1.23

Heating

50Hz 220-240V

AFR	9.8
-----	-----


Indoor		Outdoor temperature (°CDB)									
EDB (°C)		-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.69	1.04	3.14	1.09	3.60	1.14	4.14	1.20	4.50	1.24
20.0		2.55	1.07	3.01	1.12	3.46	1.17	4.00	1.23	4.36	1.27
22.0		2.50	1.08	2.95	1.13	3.40	1.18	3.94	1.24	4.31	1.28
24.0		2.44	1.09	2.90	1.14	3.35	1.19	3.89	1.25	4.25	1.29
25.0		2.42	1.10	2.87	1.15	3.32	1.20	3.86	1.26	4.18	1.30
27.0		2.36	1.11	2.81	1.16	3.26	1.21	3.81	1.27	3.91	1.30

3D055039

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

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

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FDXS35EAVMB+RXS35E2V1B																							
Cooling																		50Hz 220-240V		AFR		8.7	
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	2.46	0.84	3.33	2.38	0.92	3.17	2.30	1.00	3.10	2.26	1.03	3.01	2.21	1.08	2.85	2.13	1.16				
16.0	22	3.64	2.42	0.84	3.48	2.34	0.92	3.32	2.26	1.00	3.26	2.23	1.03	3.17	2.19	1.08	3.01	2.11	1.16				
18.0	25	3.80	2.51	0.85	3.64	2.44	0.93	3.48	2.37	1.01	3.42	2.34	1.04	3.32	2.30	1.09	3.16	2.22	1.17				
19.0	27	3.87	2.63	0.85	3.72	2.56	0.93	3.56	2.49	1.01	3.49	2.46	1.04	3.40	2.42	1.09	3.24	2.35	1.17				
22.0	30	4.11	2.53	0.86	3.95	2.47	0.94	3.79	2.40	1.02	3.73	2.38	1.05	3.63	2.34	1.10	3.48	2.28	1.18				
24.0	32	4.27	2.46	0.86	4.11	2.40	0.94	3.95	2.34	1.02	3.89	2.32	1.05	3.79	2.29	1.10	3.63	2.23	1.18				

Heating																		50Hz 220-240V		AFR		8.7	
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	1.00	3.14	1.05	3.60	1.10	4.14	1.15	4.50	1.19												
20.0		2.55	1.02	3.01	1.07	3.46	1.12	4.00	1.18	4.36	1.22												
22.0		2.50	1.04	2.95	1.08	3.40	1.13	3.94	1.19	4.31	1.23												
24.0		2.44	1.05	2.90	1.09	3.35	1.14	3.89	1.20	4.25	1.24												
25.0		2.42	1.05	2.87	1.10	3.32	1.15	3.86	1.21	4.22	1.25												
27.0		2.36	1.06	2.81	1.11	3.26	1.16	3.81	1.22	4.17	1.26												

3D055043

SYMBOLS			NOTES		
AFR:	Air flow rate	(m ³ /min)	1.	Capacities are based on the following conditions:	
BF:	Bypass factor		(1)	Corresponding refrigerant piping length: 7.5 m	
EWB:	Entering wet bulb temp.	(°C)	(2)	Level difference: 0 m	
EDB:	Entering dry bulb temp.	(°C)	2.	■ shows nominal (rated) capacities and power input.	
TC:	Total capacity	(kW)			
SHC:	Sensible heating capacity	(kW)			
PI:	Power input	(kW)			

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FBQ35B8V1+RXS35E2V1B

Cooling

50Hz 220-240V

AFR	11.5
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	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 (°C)		-10		-5		0		6		10	
		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

3D055493

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

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

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FCQ35B8V1+RXS35E2V1B																					
Cooling																		AFR		14	
50Hz 220-240V																		BF		0.16	
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	2.91	0.84	3.33	2.84	0.92	3.17	2.76	1.00	3.10	2.73	1.03	3.01	2.69	1.08	2.85	2.62	1.16		
16.0	22	3.64	2.86	0.84	3.48	2.79	0.92	3.32	2.72	1.00	3.26	2.70	1.03	3.17	2.66	1.08	3.01	2.59	1.16		
18.0	25	3.80	3.04	0.85	3.64	2.98	0.93	3.48	2.92	1.01	3.42	2.89	1.04	3.32	2.85	1.09	3.16	2.79	1.17		
19.0	27	3.87	3.25	0.85	3.72	3.19	0.93	3.56	3.13	1.01	3.49	3.10	1.04	3.40	3.07	1.09	3.24	3.01	1.17		
22.0	30	4.11	3.15	0.86	3.95	3.10	0.94	3.79	3.04	1.02	3.73	3.02	1.05	3.63	2.99	1.10	3.48	2.94	1.18		
24.0	32	4.27	3.08	0.86	4.11	3.03	0.94	3.95	2.99	1.02	3.89	2.97	1.05	3.79	2.94	1.10	3.63	2.89	1.18		

Heating												AFR		14	
50Hz 220-240V															
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	0.99	3.14	1.04	3.60	1.09	4.14	1.14	4.50	1.18				
20.0		2.55	1.02	3.01	1.06	3.46	1.11	4.00	1.17	4.36	1.21				
22.0		2.50	1.03	2.95	1.07	3.40	1.12	3.94	1.18	4.31	1.22				
24.0		2.44	1.04	2.90	1.09	3.35	1.13	3.89	1.19	4.25	1.23				
25.0		2.42	1.04	2.87	1.09	3.32	1.14	3.86	1.20	4.22	1.23				
27.0		2.36	1.05	2.81	1.10	3.26	1.15	3.81	1.21	4.17	1.25				

3D055491

SYMBOLS			NOTES		
AFR:	Air flow rate	(m ³ /min)	1.	Capacities are based on the following conditions:	
BF:	Bypass factor		(1)	Corresponding refrigerant piping length: 7.5 m	
EWB:	Entering wet bulb temp.	(°C)	(2)	Level difference: 0 m	
EDB:	Entering dry bulb temp.	(°C)	2.	■ shows nominal (rated) capacities and power input.	
TC:	Total capacity	(kW)			
SHC:	Sensible heating capacity	(kW)			
PI:	Power input	(kW)			

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FHQ35BVV1B+RXS35E2V1B

AFR	10
BF	0.25

Cooling

50Hz 220-240V

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

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

5 Capacity tables

5 - 1 Cooling/Heating capacity tables

FHQ35BVV1B+RXS35E2V1B																					
Cooling																		AFR		13	
50Hz 220-240V																		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																		AFR		13	
50Hz 220-240V																					
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	NOTES
AFR: Air flow rate (m ³ /min)	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.
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)	

1

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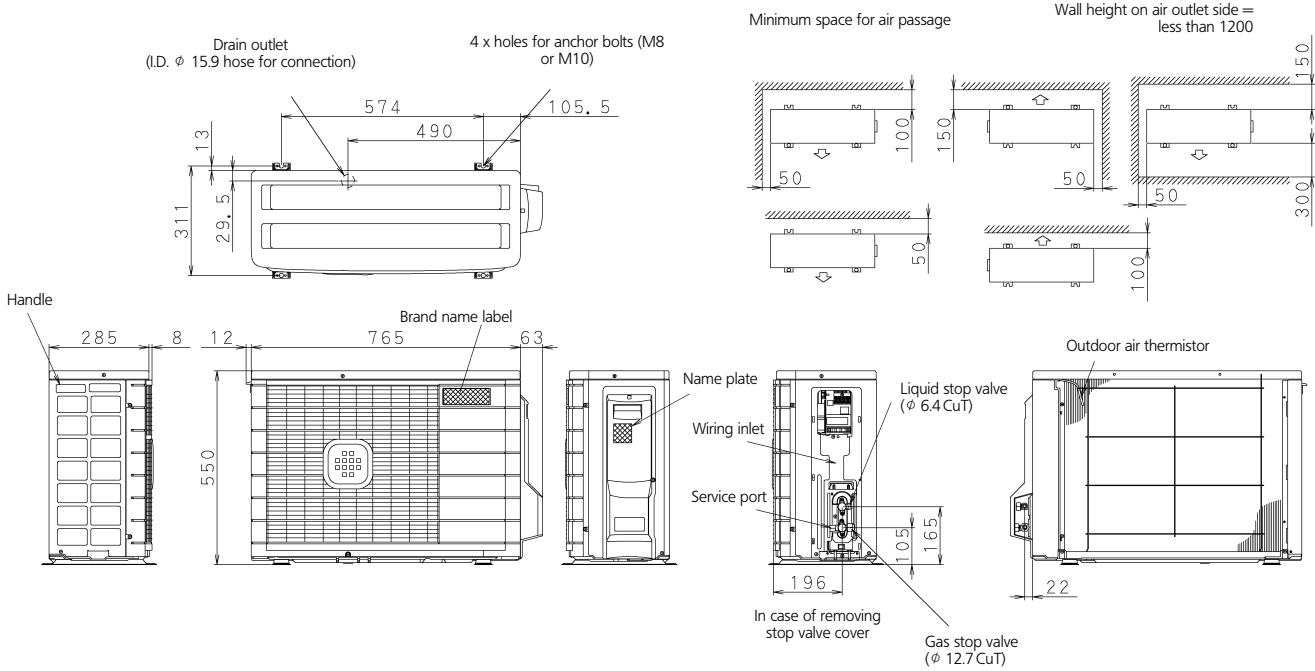
6 Dimensional drawing & centre of gravity

6 - 1 Dimensional drawing

RXS20-35E2V1B

unit (mm)

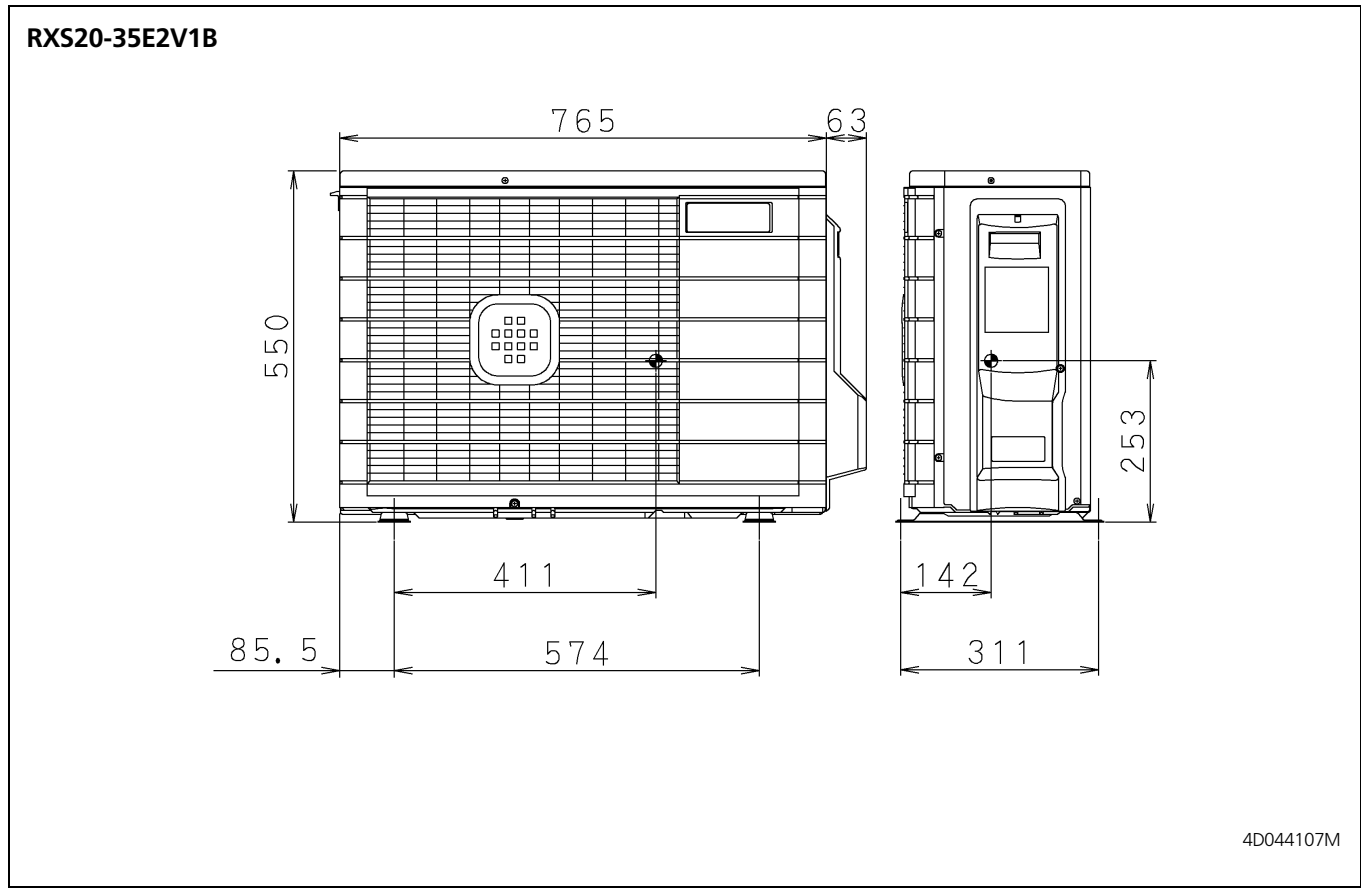
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6



3D041800H

6 Dimensional drawing & centre of gravity

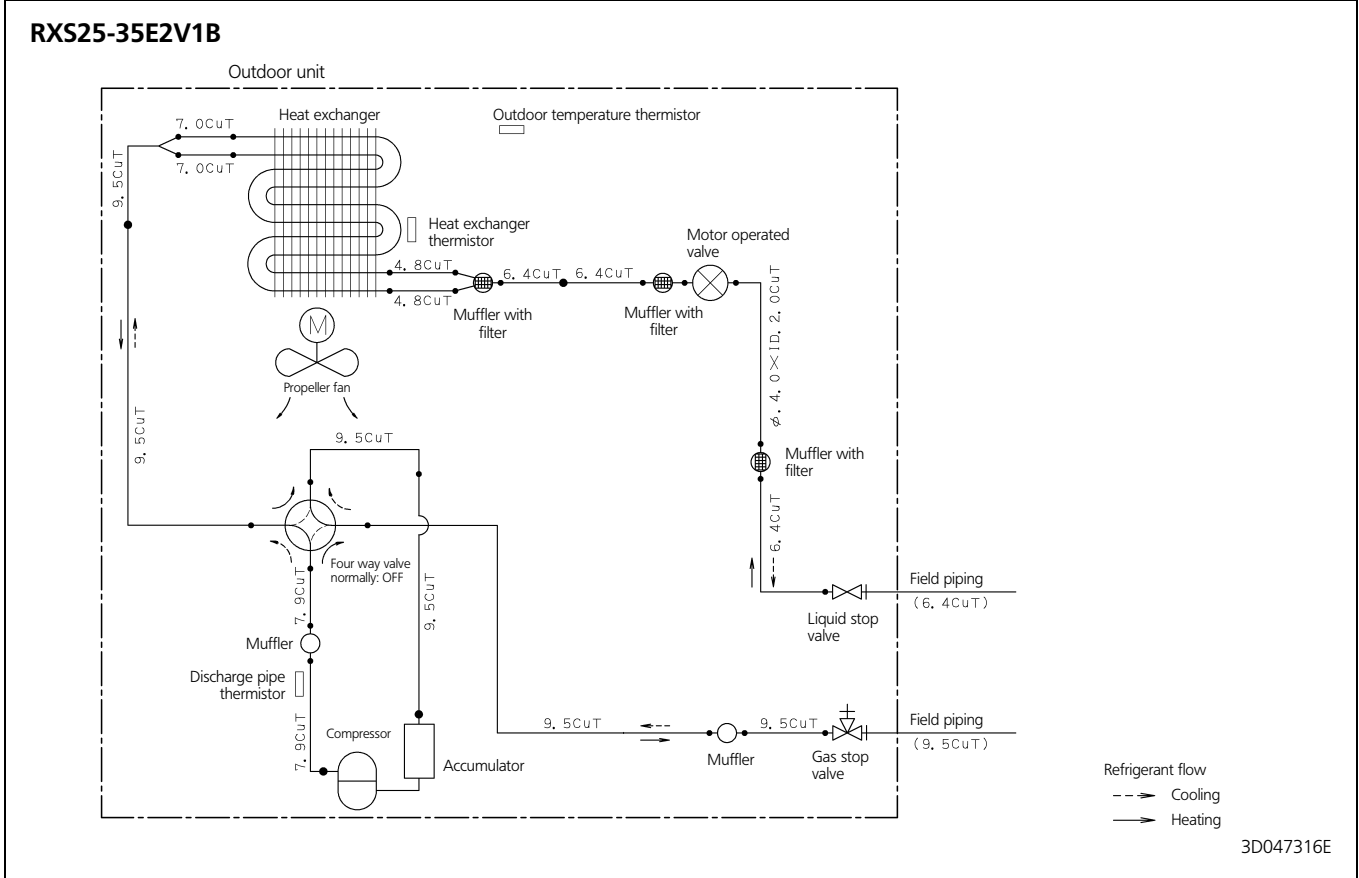
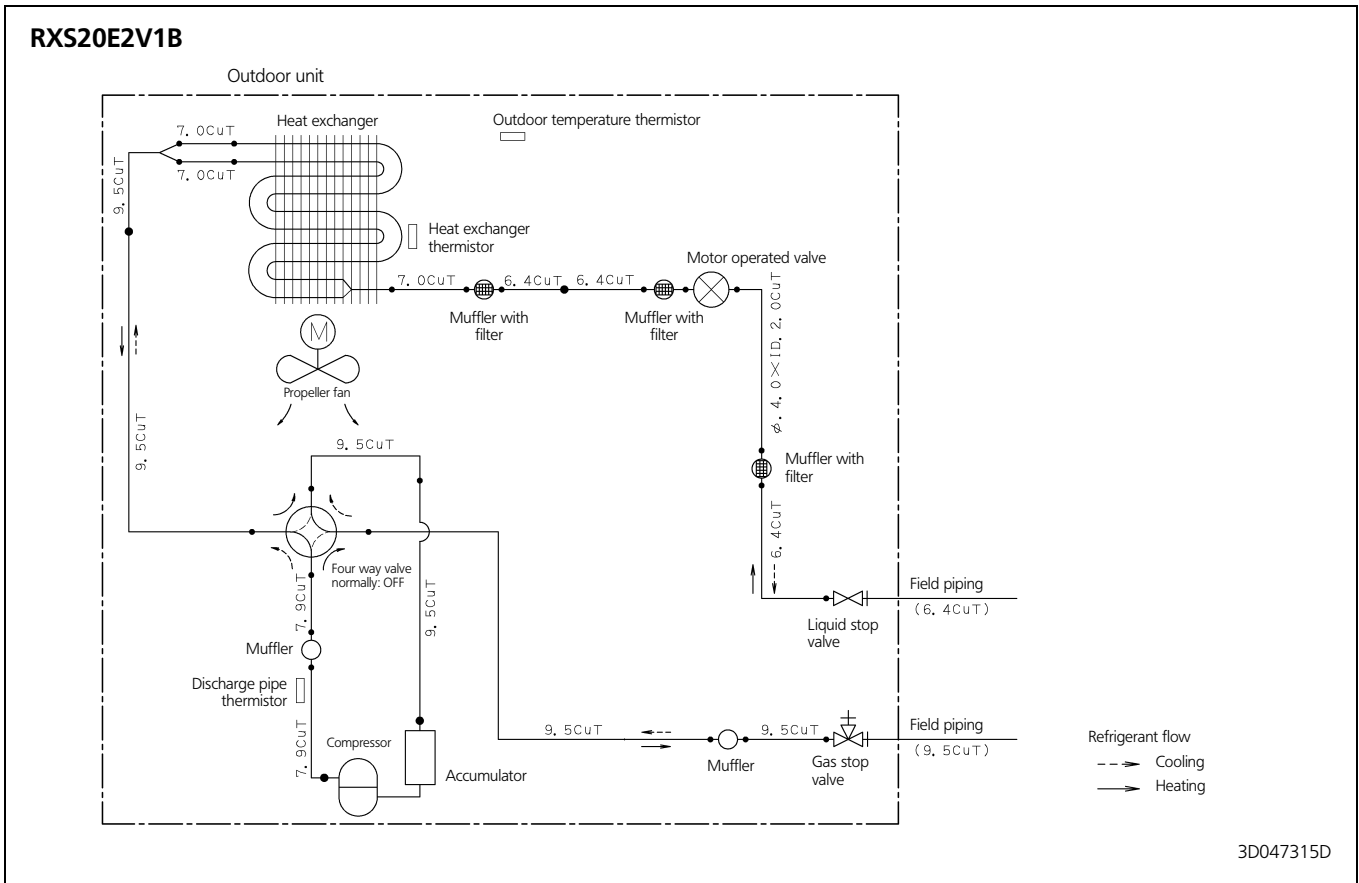
6 - 2 Centre of gravity



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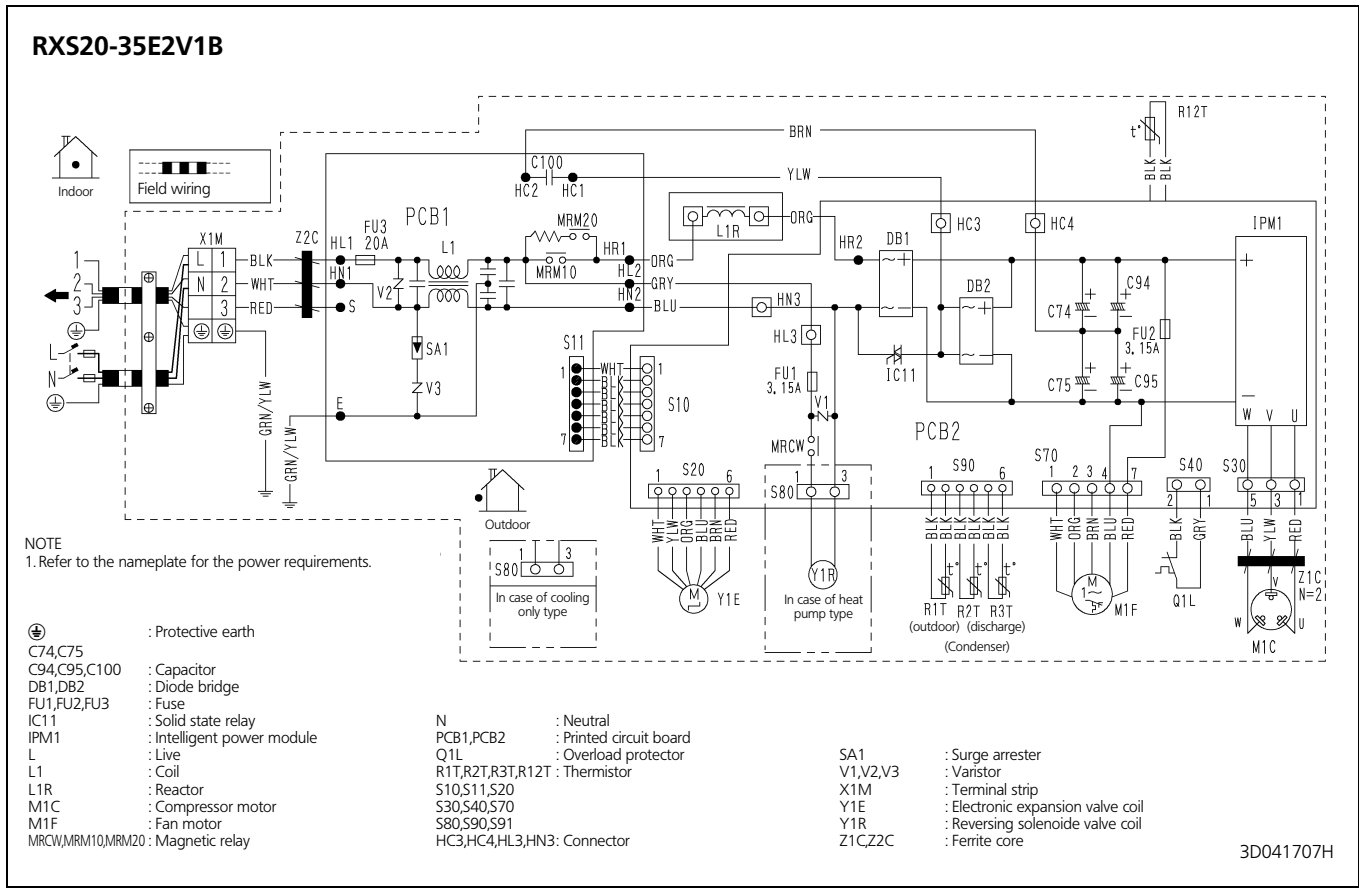
7 Piping diagram

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7



8 Wiring diagram

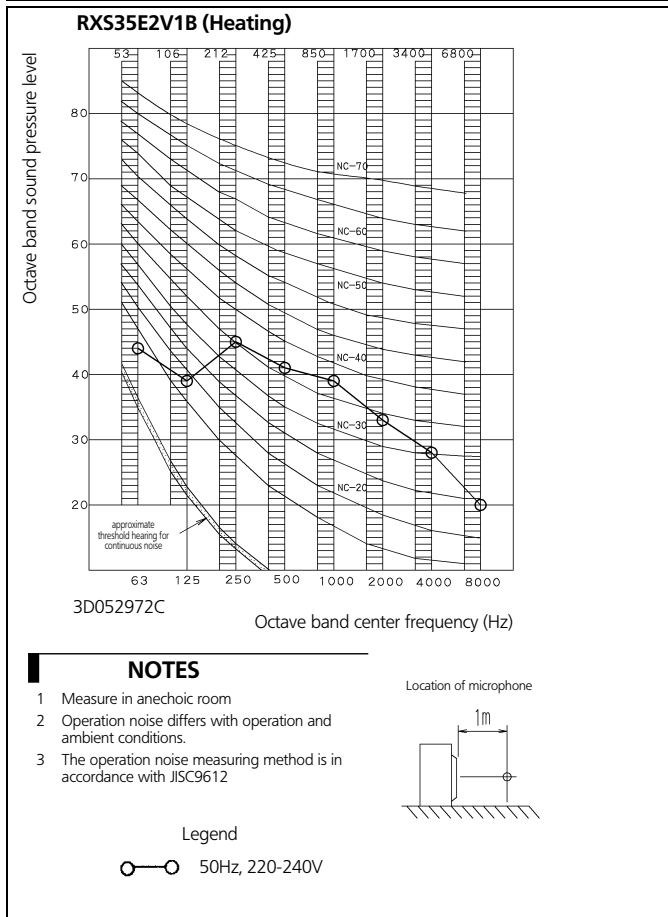
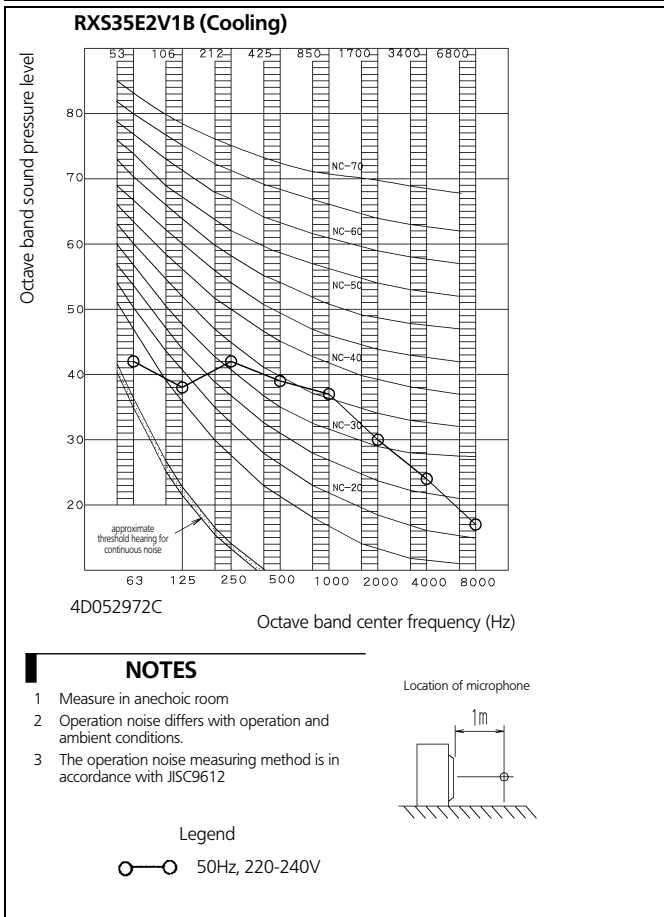
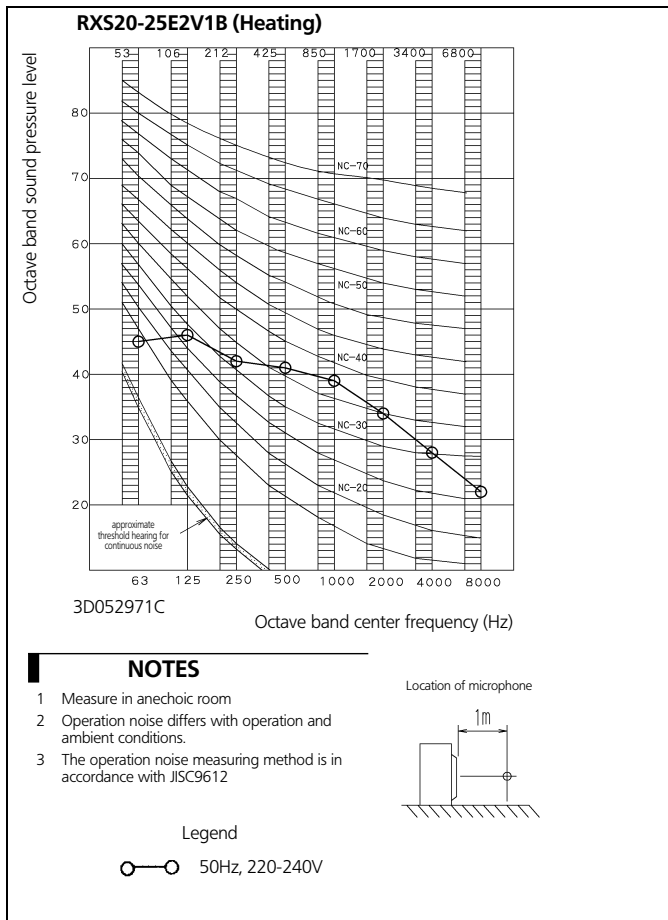
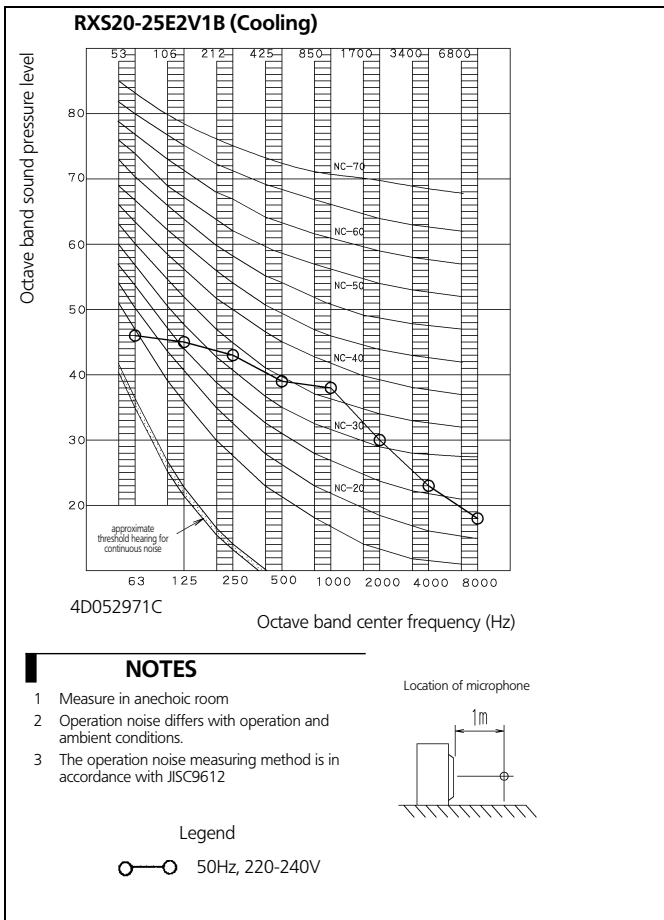
8 - 1 Wiring diagram



9 Sound data

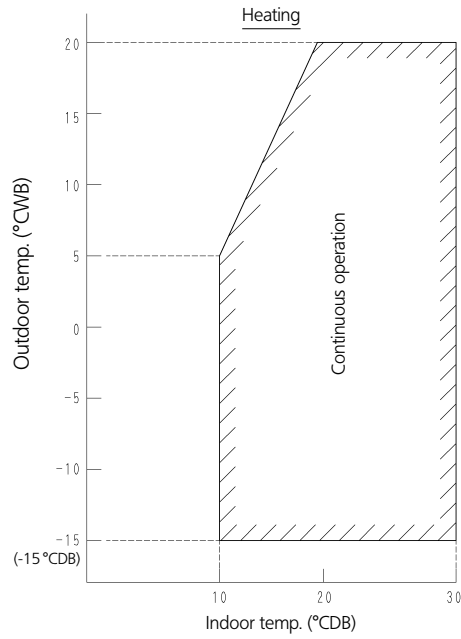
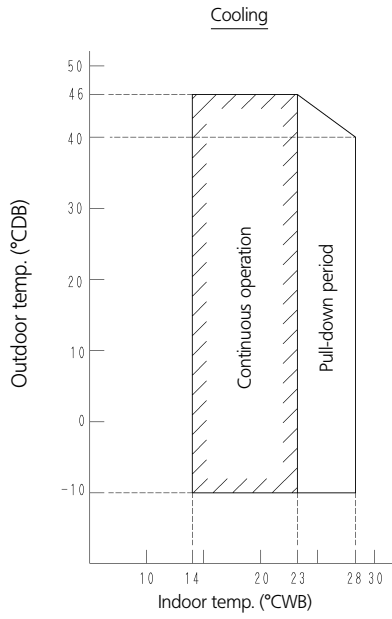
9 - 1 Sound pressure spectrum

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9



10 Operation range

RXS20-35E2V1B



Notes:

- The graphs are based on the following conditions:
- Equivalent piping length 7.5 m
 - Level difference 0 m
 - Air flow rate high

3D039536J

10 Operation range

1

10