



technical data

**RXS-C
RXS-B**



**Pair Application,
Inverter Controlled Unit**



air conditioning systems

Split Sky Air

Split - Sky Air



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



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



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.



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

Specifications are subject to change without prior notice.

DAIKIN EUROPE N.V.

Zandvoordestraat 300
B - 8400 Ostend Belgium
Internet: <http://www.daikineurope.com>



TABLE OF CONTENTS

RXS-C / RXS-B

1	Features	2
2	Specifications	3
	Technical specifications	
	Electrical specifications	
3	Capacity tables	8
4	Dimensional drawings	22
5	Operation range	23
6	Piping diagrams	24
7	Wiring diagrams	26
8	Sound level	27
	Sound level data	
	Sound pressure spectrum	
9	Accessories	30
	Standard accessories	
	Optional accessories	
10	Installation	31

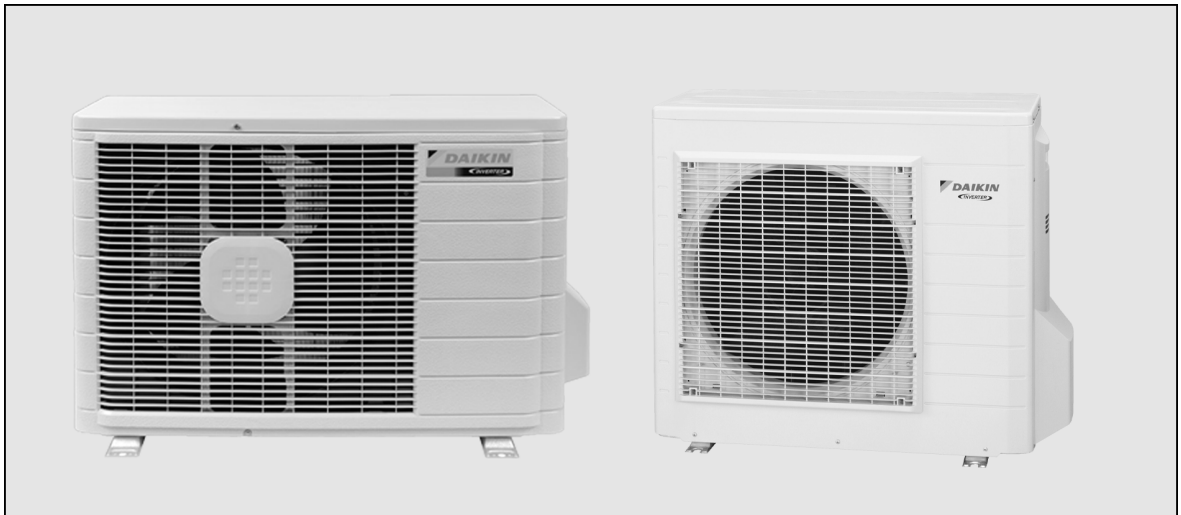




1 Features

1 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. They are fitted with a swing compressor, renowned for its low noise and high energy efficiency.





2 Specifications

2

TECHNICAL SPECIFICATIONS							
OUTDOOR UNITS				RXS20CVMB		RXS25CVMB	RXS35CVMB
DIMENSIONS	Unit	H	mm			560	
		W	mm			695	
		D	mm			265	
WEIGHT			kg				31
COLOUR	Unit						Ivory white
SOUND LEVEL	Sound pressure (1) H/L	cooling	dB(A)	46/43		46/43	47/44
		heating	dB(A)	47/44		47/44	48/45
	Sound power (2) H	cool/heat	dB(A)	61/62		61/62	62/63
FAN	Air flow rate H/L	cooling	m ³ /min	36.2/27.4		36.2/27.4	33.4/24.9
		heating	m ³ /min	32.6/24.7		32.6/24.7	30.0/22.4
	Speed H/L	cooling	rpm	860/660		860/660	860/660
		heating	rpm	860/660		860/660	860/660
	Model			Propeller fan			
	Motor output			W	31		
HEAT EXCHANGER	Type		WH fin, Ø 7Hi-XA tube				
	Rows x stages x fin pitch		mm	1 x 24 x 1.4		2 x 24 x 1.4	
REFRIGERANT CIRCUIT	Refrigerant type		R-410A				
	Refrigerant charge		kg	0.80		0.80	1.00
	Maximum allowable distance between indoor and outdoor		m	20			
	Maximum allowable level difference		m	15			
	Refrigerant control		Motor operated expansion valve				
COMPRESSOR	Type		Hermetically sealed swing type				
	Model		1YC23NXD#A				
	Motor output		600				
	Oil type		FVC50K				
	Oil charge volume		ℓ	0.375			
PIPING CONNECTIONS		liquid	mm	ø6.4			
		gas	mm	ø9.5			
		drain	mm	ø18.0			
INSULATION MATERIAL	Heat insulation		Both liquid and gas pipes				

ELECTRICAL SPECIFICATIONS						
OUTDOOR UNITS				RXS20CVMB	RXS25CVMB	RXS35CVMB
CURRENT	Nominal running current	cool/heat	A	2.62/3.32	3.72/4.22	4.72/5.22
	Max. running current	cool/heat	A	Please refer to electrical data		
	Starting current	cool/heat	A	3.5	4.4	5.4

OUTDOOR UNITS				RXS20CVMB	RXS25CVMB	RXS35CVMB
POWER SUPPLY				VM	VM	VM
NOMINAL DISTRIBUTION SYSTEM VOLTAGE	Phase			1~	1~	1~
	Frequency		Hz	50	50	50
	Voltage		V	230	230	230

3D044245B
3D044246B
3D044247B

NOTES

- The sound pressure level is measured in an anechoic room at 1m distance from the unit. It is a relative value, depending on the distance and acoustic environment. For measuring conditions: please refer to item 8 of this chapter.
- The sound power level is an absolute value indicating the "power" which a sound source generates.



2 Specifications

2

TECHNICAL SPECIFICATIONS						
OUTDOOR UNITS				RXS50BVMB	RXS60BVMB	RXS71BVMB
DIMENSIONS	Unit	H	mm	735		
		W	mm	825		
		D	mm	300		
WEIGHT			kg	49	53	55
COLOUR	Unit			Ivory white		
SOUND LEVEL	Sound pressure (1) H/L	cooling	dB(A)	47/*	49/*	52/*
		heating	dB(A)	48/*	49/*	52/*
	Sound power (2) H	cool/heat	dB(A)	63/64	64/64	66/66
FAN	Air flow rate H/L	cooling	m3/min	47.7/44.1	47.6/44.1	51.5/41.5
		heating	m³/min	44.1/44.1	45.5/45.5	41.9/37.4
	Speed H/L	cooling	rpm	1,340/1,370	1,330/1,010	1,370/1,040
		heating	rpm	1,010/1,030	1,360/1,040	1,440/1,100
	Model			Propeller fan		
	Motor output			W	53	
HEAT EXCHANGER	Type		Waffle fin, ϕ 8 Hi-XA tube			
	Rows x stages x fin pitch		mm	2 x 16 x 1.4		
REFRIGERANT CIRCUIT	Refrigerant type			R-410A		
	Refrigerant charge		kg	1.20	1.70	1.70
	Maximum allowable distance between indoor and outdoor		m	30		
	Maximum allowable level difference		m	20		
	Refrigerant control			-		
COMPRESSOR	Type			Hermetically sealed swing type		
	Model			2YC32HXD		2YC45B8XD
	Motor output			1,500	1,500	1,900
	Oil type			FVC50K		
	Oil charge volume		ℓ	0.65	0.65	0.75
PIPING CONNECTIONS		liquid	mm	ϕ6.4		
		gas	mm	ϕ12.7		ϕ15.9
		drain	mm	ϕ18.0		
INSULATION MATERIAL	Heat insulation			Both liquid and gas pipes		

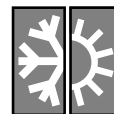
ELECTRICAL SPECIFICATIONS						
OUTDOOR UNITS				RXS50BVMB	RXS60BVMB	RXS71BVMB
CURRENT	Nominal running current	cool/heat	A	6.82/7.30	9.12/9.00	10.90/11.40
	Max. running current	cool/heat	A	Please refer to electrical data		
	Starting current	cool/heat	A	7.5	9.3	11.6

OUTDOOR UNITS				RXS50BVMB	RXS60BVMB	RXS71BVMB
POWER SUPPLY				VM	VM	VM
NOMINAL DISTRIBUTION SYSTEM VOLTAGE	Phase			1~	1~	1~
	Frequency		Hz	50	50	50
	Voltage		V	230	230	230

3D040778A
3D040779
3D040780A

NOTES

- The sound pressure level is measured in an anechoic room at 1m distance from the unit. It is a relative value, depending on the distance and acoustic environment. For measuring conditions: please refer to item 8 of this chapter.
- The sound power level is an absolute value indicating the "power" which a sound source generates.



2 Specifications

ELECTRICAL DATA

2

RXS+FTXS20C

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS20CVMB	RXS20CVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	12	15	38	2.8	31	0.20	18	0.20

3D044114

RXS+FTXS25C

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS25CVMB	RXS25CVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	12	15	51	3.9	31	0.20	18	0.20

3D044115

RXS+FTXS35C

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS35CVMB	RXS35CVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	12	15	77	4.9	35	0.22	18	0.20

3D044116

RXS+FTXS50B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS50BVMB	RXS50BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	72	6.92	53	0.18	40	0.16

3D040876

RXS+FTXS60B

RXS+FTXS71B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS60BVMB	RXS60BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	72	8.86	53	0.24	43	0.16
FTXS71BVMB	RXS71BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18.5	20	80	10.58	53	0.26	43	0.18

3D040877

RXS+FVXS25B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FVXS25BVMB	RXS25BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	15	15	49	3.25	19	0.35	28	0.16

3D040399

RXS+FVXS35B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FVXS35BVMB	RXS35BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	15	15	82	5.05	19	0.35	28	0.16

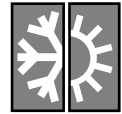
3D040400

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
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://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button.
Finally, click on the document title of your choice.



2 Specifications

2

ELECTRICAL DATA

RXS+FXVS50B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FXVS50BVMB	RXS50BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	76	7.04	53	0.18	14+14	0.31

3D040876

RXS+FLXS25B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FLXS25BVMB	RXS25BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	15	15	48	3.17	19	0.35	34	0.34

3D040395

RXS+FLXS35B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FLXS35BVMB	RXS35BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	15	15	81	5.03	19	0.35	34	0.38

3D040396

RXS+FLXS50B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FLXS50BVMB	RXS50BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	75	7.00	53	0.18	34	0.54

3D040876

RXS+FFQ25B

RXS+FFQ35B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FFQ25BV1B	RXS25BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	15	15	54	3.55	19	0.35	55	0.6
FFQ35BV1B	RXS35BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	15	15	81	5.08	19	0.35	55	0.6

3D040596

RXS+FFQ50B

RXS+FFQ60B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FFQ50BV1B	RXS50BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	72	7.43	53	0.18	55	0.7
FFQ60BV1B	RXS60BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	85	8.45	53	0.24	55	0.7

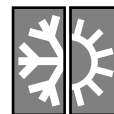
3D041020

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
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://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button.
Finally, click on the document title of your choice.



2 Specifications

ELECTRICAL DATA

2

RXS+FCQ35B RXS+FCQ50B RXS+FCQ60B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FCQ35B7V1	RXS35BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	15	16	75	4.70	19	0.35	45	0.6
FCQ50B7V1	RXS50BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	78	7.38	53	0.18	45	0.6
FCQ60B7V1	RXS60BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	89	8.72	53	0.24	45	0.6

3TW25081-2

RXS+FHQ35B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FHQ35B7V1B	RXS35BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	15	15	78	4.91	19	0.35	62	0.6

3D040596

RXS+FHQ50B RXS+FHQ60B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FHQ50B7V1B	RXS50BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	79	7.5	53	0.18	62	0.6
FHQ60B7V1B	RXS60BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	90	8.84	53	0.24	62	0.6

3D040597

RXS+FBQ35B RXS+FBQ50B RXS+FBQ60B

Indoor unit	Outdoor unit	Power supply				Compressor		OFM		IFM	
		Hz-Volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FBQ35B7V1	RXS35BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	15	16	70	4.42	19	0.35	65	0.5
FBQ50B7V1	RXS50BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	75	7.00	53	0.18	85	0.7
FBQ60B7V1	RXS60BVMB	50-230	MAX. 50Hz 253V MIN. 50Hz 207V	18	20	91	8.96	53	0.24	125	0.9

3TW25081-2

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
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://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.



3 Capacity tables

3

RXS+FTXS20C

Cooling capacity

230V [50Hz]

AFR	7.5
BF	0.21

Indoor		Outdoor temperature (°C)																	
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	1.61	0.38	1.96	1.56	0.42	1.86	1.52	0.46	1.83	1.50	0.47	1.77	1.47	0.49	1.68	1.43	0.53
16.0	22	2.14	1.58	0.39	2.05	1.54	0.42	1.95	1.49	0.46	1.92	1.48	0.47	1.86	1.45	0.50	1.77	1.41	0.53
18.0	25	2.23	1.67	0.39	2.14	1.63	0.42	2.05	1.59	0.46	2.01	1.57	0.48	1.95	1.55	0.50	1.86	1.51	0.54
19.0	27	2.28	1.77	0.39	2.19	1.73	0.43	2.09	1.69	0.46	2.06	1.68	0.48	2.00	1.66	0.50	1.91	1.62	0.54
22.0	30	2.42	1.71	0.39	2.32	1.68	0.43	2.23	1.64	0.47	2.19	1.63	0.48	2.14	1.61	0.50	2.05	1.58	0.54
24.0	32	2.51	1.67	0.39	2.42	1.64	0.43	2.32	1.61	0.47	2.29	1.60	0.48	2.23	1.58	0.51	2.14	1.55	0.54

Heating capacity

230V [50Hz]

AFR	8.0
-----	-----

Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		1.80	0.57	2.10	0.60	2.41	0.63	2.77	0.66	3.02	0.69
18.0		1.76	0.58	2.07	0.61	2.37	0.64	2.74	0.67	2.98	0.69
20.0		1.72	0.59	2.03	0.61	2.33	0.64	2.70	0.68	2.94	0.70
21.0		1.71	0.59	2.01	0.62	2.32	0.64	2.68	0.68	2.93	0.70
22.0		1.69	0.59	1.99	0.62	2.30	0.65	2.66	0.68	2.91	0.70
24.0		1.65	0.60	1.95	0.63	2.26	0.65	2.63	0.69	2.87	0.71

3D044108

RXS+FTXS25C

Cooling capacity

230V [50Hz]

AFR	7.5
BF	0.21

Indoor		Outdoor temperature (°C)																	
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	2.44	1.80	0.50	2.44	1.80	0.58	2.33	1.74	0.64	2.28	1.72	0.66	2.21	1.69	0.69	2.10	1.63	0.74
16.0	22	2.68	1.83	0.54	2.56	1.77	0.59	2.44	1.72	0.64	2.40	1.70	0.66	2.33	1.66	0.69	2.21	1.61	0.74
18.0	25	2.79	1.91	0.54	2.68	1.86	0.59	2.56	1.81	0.64	2.51	1.79	0.66	2.44	1.76	0.69	2.33	1.71	0.74
19.0	27	2.85	2.01	0.54	2.73	1.96	0.59	2.62	1.91	0.64	2.57	1.89	0.66	2.50	1.86	0.70	2.38	1.81	0.75
22.0	30	3.02	1.94	0.55	2.91	1.89	0.60	2.79	1.85	0.65	2.74	1.83	0.67	2.67	1.80	0.70	2.56	1.76	0.75
24.0	32	3.14	1.88	0.55	3.02	1.84	0.60	2.90	1.80	0.65	2.86	1.79	0.67	2.79	1.76	0.70	2.67	1.72	0.75

Heating capacity

230V [50Hz]

AFR	8.0
-----	-----

Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		2.27	0.79	2.65	0.83	3.03	0.87	3.49	0.92	3.80	0.95
18.0		2.22	0.80	2.60	0.84	2.99	0.88	3.45	0.93	3.75	0.96
20.0		2.17	0.81	2.56	0.85	2.94	0.89	3.40	0.94	3.71	0.97
21.0		2.15	0.82	2.53	0.85	2.92	0.89	3.38	0.94	3.68	0.97
22.0		2.12	0.82	2.51	0.86	2.89	0.90	3.35	0.94	3.66	0.97
24.0		2.08	0.83	2.46	0.87	2.85	0.91	3.31	0.95	3.61	0.98

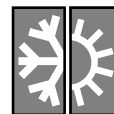
3D044109

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC$ correction for other dry bulb
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1-BF) \times (DB-EDB)$
 Add SHC^* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

RXS+FTXS35C

AFR	7.5
BF	0.17

3

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	2.54	1.88	0.55	2.54	1.88	0.63	2.54	1.88	0.72	2.54	1.88	0.76	2.54	1.88	0.83	2.54	1.88	0.96
16.0	22	3.23	2.12	0.70	3.23	2.12	0.81	3.23	2.12	0.94	3.23	2.12	0.99	3.17	2.09	1.05	3.01	2.01	1.13
18.0	25	3.80	2.41	0.82	3.64	2.33	0.90	3.48	2.26	0.98	3.42	2.23	1.01	3.32	2.18	1.06	3.16	2.11	1.14
19.0	27	3.87	2.51	0.82	3.72	2.43	0.90	3.56	2.36	0.98	3.49	2.33	1.01	3.40	2.29	1.06	3.24	2.21	1.14
22.0	30	4.11	2.41	0.83	3.95	2.34	0.91	3.79	2.27	0.99	3.73	2.25	1.02	3.63	2.21	1.07	3.48	2.15	1.15
24.0	32	4.27	2.33	0.84	4.11	2.27	0.91	3.95	2.21	0.99	3.89	2.19	1.02	3.79	2.15	1.07	3.63	2.09	1.15

Heating capacity

230V [50Hz]

AFR	8.0
-----	-----

Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		2.67	0.99	3.12	1.04	3.57	1.09	4.11	1.15	4.47	1.19
18.0		2.61	1.01	3.06	1.05	3.51	1.10	4.06	1.16	4.42	1.20
20.0		2.55	1.02	3.01	1.06	3.46	1.11	4.00	1.17	4.36	1.21
21.0		2.53	1.02	2.98	1.07	3.43	1.12	3.97	1.18	4.33	1.21
22.0		2.50	1.03	2.95	1.07	3.40	1.12	3.94	1.18	4.27	1.21
24.0		2.44	1.04	2.90	1.09	3.35	1.13	3.89	1.19	3.99	1.15

3D044110

RXS+FTXS50B

AFR	11.4
BF	0.22

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	5.06	3.28	1.31	4.91	3.21	1.41	4.76	3.14	1.50	4.70	3.11	1.54	4.61	3.07	1.60	4.46	3.00	1.69
16.0	22	5.22	3.31	1.34	5.07	3.24	1.43	4.92	3.17	1.53	4.86	3.14	1.56	4.77	3.10	1.62	4.62	3.03	1.72
18.0	25	5.37	3.34	1.36	5.22	3.27	1.46	5.07	3.20	1.55	5.01	3.18	1.59	4.92	3.13	1.65	4.77	3.06	1.74
19.0	27	5.45	3.36	1.38	5.30	3.29	1.47	5.15	3.22	1.57	5.09	3.19	1.60	5.00	3.15	1.66	4.85	3.08	1.76
22.0	30	5.68	3.41	1.41	5.53	3.34	1.51	5.38	3.27	1.60	5.32	3.24	1.64	5.23	3.20	1.70	5.08	3.13	1.79
24.0	32	5.84	3.45	1.44	5.69	3.38	1.54	5.54	3.31	1.63	5.48	3.28	1.67	5.39	3.24	1.73	5.24	3.17	1.82

Heating capacity

230V [50Hz]

AFR	12.6
-----	------

Indoor		Outdoor temperature (°CWB)									
EDB		-15		-10		-5		0		6	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		2.91	1.22	3.61	1.31	4.31	1.39	5.02	1.48	5.86	1.58
18.0		2.88	1.28	3.58	1.37	4.29	1.45	4.99	1.54	5.83	1.64
20.0		2.85	1.34	3.55	1.43	4.26	1.51	4.96	1.60	5.80	1.70
21.0		2.84	1.37	3.54	1.46	4.24	1.54	4.94	1.63	5.79	1.73
22.0		2.82	1.40	3.53	1.49	4.23	1.57	4.93	1.66	5.77	1.76
24.0		2.79	1.47	3.50	1.55	4.20	1.64	4.90	1.72	5.74	1.82

3D040887

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC$ correction for other dry bulb
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1 - BF) \times (DB - EDB)$
 Add SHC^* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

3

RXS+FTXS60B

AFR	16.2
BF	0.29

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	6.06	3.97	1.77	5.91	3.90	1.87	5.76	3.83	1.96	5.70	3.80	2.00	5.61	3.76	2.06	5.46	3.69	2.15
16.0	22	6.22	4.00	1.80	6.07	3.93	1.89	5.92	3.86	1.99	5.86	3.83	2.02	5.77	3.79	2.08	5.62	3.72	2.18
18.0	25	6.37	4.03	1.82	6.22	3.96	1.92	6.07	3.89	2.01	6.01	3.87	2.05	5.92	3.82	2.11	5.77	3.75	2.20
19.0	27	6.45	4.05	1.84	6.30	3.98	1.93	6.15	3.91	2.03	6.09	3.88	2.06	6.00	3.84	2.12	5.85	3.77	2.22
22.0	30	6.68	4.10	1.87	6.53	4.03	1.97	6.38	3.96	2.06	6.32	3.93	2.10	6.23	3.89	2.16	6.08	3.82	2.25
24.0	32	6.84	4.14	1.90	6.69	4.07	2.00	6.54	4.00	2.09	6.48	3.97	2.13	6.39	3.93	2.19	6.24	3.86	2.28

Heating capacity

230V [50Hz]

AFR	17.4
-----	------

Indoor		Outdoor temperature (°CWB)											
EDB		-15		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		3.51	1.50	4.36	1.61	5.21	1.71	6.05	1.81	7.07	1.94	7.75	2.02
18.0		3.48	1.58	4.32	1.68	5.17	1.78	6.02	1.89	7.04	2.01	7.71	2.10
20.0		3.44	1.65	4.29	1.76	5.14	1.86	5.98	1.96	7.00	2.09	7.68	2.17
21.0		3.43	1.69	4.27	1.79	5.12	1.90	5.97	2.00	6.98	2.13	7.66	2.21
22.0		3.41	1.73	4.25	1.83	5.10	1.94	5.95	2.04	6.97	2.17	7.64	2.25
24.0		3.37	1.80	4.22	1.91	5.07	2.01	5.91	2.12	6.93	2.24	7.61	2.32

3D040890

RXS+FTXS71B

AFR	16.7
BF	0.27

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	7.16	4.60	2.18	7.01	4.53	2.28	6.86	4.46	2.37	6.80	4.43	2.41	6.71	4.39	2.47	6.56	4.32	2.56
16.0	22	7.32	4.63	2.21	7.17	4.56	2.30	7.02	4.49	2.40	6.96	4.46	2.43	6.87	4.42	2.49	6.72	4.35	2.59
18.0	25	7.47	4.67	2.23	7.32	4.60	2.33	7.17	4.53	2.42	7.11	4.50	2.46	7.02	4.46	2.52	6.87	4.39	2.61
19.0	27	7.55	4.68	2.25	7.40	4.61	2.34	7.25	4.54	2.44	7.19	4.52	2.47	7.10	4.47	2.53	6.95	4.40	2.63
22.0	30	7.78	4.73	2.28	7.63	4.66	2.38	7.48	4.59	2.47	7.42	4.57	2.51	7.33	4.52	2.57	7.18	4.45	2.66
24.0	32	7.94	4.77	2.31	7.79	4.70	2.41	7.64	4.63	2.50	7.58	4.60	2.54	7.49	4.56	2.60	7.34	4.49	2.69

Heating capacity

230V [50Hz]

AFR	18.5
-----	------

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		4.27	1.89	5.29	2.02	6.32	2.15	7.35	2.28	8.59	2.44	9.41	2.55
18.0		4.22	1.98	5.25	2.11	6.28	2.25	7.31	2.38	8.54	2.54	9.37	2.64
20.0		4.18	2.08	5.21	2.21	6.24	2.34	7.27	2.47	8.50	2.63	9.32	2.74
21.0		4.16	2.13	5.19	2.26	6.22	2.39	7.24	2.52	8.48	2.68	9.30	2.78
22.0		4.14	2.17	5.17	2.30	6.19	2.44	7.22	2.57	8.46	2.72	9.28	2.83
24.0		4.10	2.27	5.12	2.40	6.15	2.53	7.18	2.66	8.42	2.82	9.24	2.92

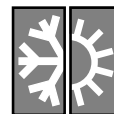
3D040891

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC$ correction for other dry bulb
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1 - BF) \times (DB - EDB)$
 Add SHC* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

RXS+FVXS25B

AFR	8.1
BF	0.29

3

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	2.33	1.58	0.52	2.25	1.52	0.58	2.17	1.47	0.65	2.14	1.45	0.66	2.08	1.41	0.67	2.00	1.35	0.72
16.0	22	2.51	1.70	0.53	2.43	1.65	0.59	2.35	1.59	0.66	2.31	1.56	0.67	2.25	1.52	0.68	2.16	1.46	0.74
18.0	25	2.70	1.83	0.54	2.61	1.77	0.61	2.52	1.71	0.67	2.48	1.68	0.68	2.42	1.64	0.69	2.32	1.57	0.75
19.0	27	2.80	1.89	0.55	2.70	1.83	0.61	2.61	1.77	0.67	2.57	1.74	0.68	2.50	1.60	0.70	2.40	1.62	0.76
22.0	30	3.09	2.09	0.56	2.99	2.02	0.63	2.88	1.95	0.69	2.84	1.92	0.70	2.76	1.87	0.72	2.65	1.79	0.78
24.0	32	3.28	2.22	0.57	3.18	2.15	0.64	3.07	2.08	0.71	3.02	2.04	0.72	2.94	1.99	0.73	2.81	1.91	0.79

Heating capacity

230V [50Hz]

AFR	9.2
-----	-----

Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		1.95	0.61	2.41	0.66	2.88	0.72	3.43	0.78	3.81	0.82
18.0		1.93	0.64	2.40	0.69	2.86	0.75	3.42	0.81	3.79	0.85
20.0		1.91	0.67	2.38	0.72	2.84	0.78	3.40	0.84	3.77	0.88
21.0		1.91	0.69	2.37	0.74	2.83	0.79	3.39	0.86	3.76	0.90
22.0		1.90	0.70	2.36	0.75	2.83	0.81	3.38	0.87	3.75	0.91
24.0		1.88	0.73	2.34	0.78	2.81	0.84	3.37	0.90	3.74	0.94

3D040392

RXS+FVXS35B

AFR	8.3
BF	0.13

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	3.26	2.12	0.87	3.15	2.05	0.97	3.04	1.98	1.07	2.99	1.95	1.09	2.92	1.90	1.11	2.79	1.82	1.20
16.0	22	3.52	2.29	0.88	3.40	2.21	0.99	3.29	2.14	1.09	3.23	2.10	1.10	3.15	2.05	1.13	3.02	1.96	1.22
18.0	25	3.78	2.46	0.90	3.66	2.38	1.00	3.53	2.30	1.11	3.47	2.26	1.12	3.38	2.20	1.15	3.24	2.11	1.24
19.0	27	3.91	2.54	0.91	3.78	2.46	1.01	3.65	2.38	1.12	3.59	2.34	1.13	3.50	2.28	1.16	3.35	2.18	1.26
22.0	30	4.32	2.81	0.93	4.18	2.72	1.04	4.04	2.62	1.15	3.97	2.58	1.17	3.87	2.51	1.19	3.71	2.41	1.29
24.0	32	4.60	2.99	0.95	4.45	2.89	1.06	4.29	2.79	1.17	4.22	2.74	1.19	4.11	2.67	1.22	3.94	2.56	1.32

Heating capacity

230V [50Hz]

AFR	9.2
-----	-----

Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		2.58	0.94	3.19	1.02	3.81	1.10	4.55	1.19	5.04	1.26
18.0		2.56	0.98	3.17	1.06	3.79	1.14	4.52	1.24	5.01	1.30
20.0		2.53	1.03	3.15	1.11	3.76	1.19	4.50	1.29	4.99	1.35
21.0		2.52	1.05	3.14	1.13	3.75	1.21	4.49	1.31	4.98	1.37
22.0		2.51	1.07	3.13	1.15	3.74	1.23	4.48	1.33	4.97	1.40
24.0		2.49	1.12	3.10	1.20	3.72	1.28	4.46	1.38	4.95	1.44

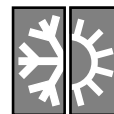
3D040393

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC$ correction for other dry bulb
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1 - BF) \times (DB - EDB)$
 Add SHC^* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

3

RXS+FVXS50B

AFR	10.8
BF	0.23

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	4.86	3.15	1.35	4.71	3.08	1.45	4.56	3.01	1.54	4.50	2.98	1.58	4.41	2.94	1.64	4.26	2.87	1.73
16.0	22	5.02	3.18	1.38	4.87	3.11	1.47	4.72	3.04	1.57	4.66	3.02	1.60	4.57	2.97	1.66	4.42	2.90	1.76
18.0	25	5.17	3.22	1.40	5.02	3.15	1.50	4.87	3.08	1.59	4.81	3.05	1.63	4.72	3.01	1.69	4.57	2.94	1.78
19.0	27	5.25	3.23	1.42	5.10	3.16	1.51	4.95	3.09	1.61	4.89	3.07	1.64	4.80	3.02	1.70	4.65	2.95	1.80
22.0	30	5.48	3.29	1.45	5.33	3.22	1.55	5.18	3.15	1.64	5.12	3.12	1.68	5.03	3.08	1.74	4.88	3.01	1.83
24.0	32	5.64	3.32	1.48	5.49	3.25	1.58	5.34	3.18	1.67	5.28	3.15	1.71	5.19	3.11	1.77	5.04	3.04	1.86

Heating capacity

230V [50Hz]

AFR	13.2
-----	------

Indoor		Outdoor temperature (°CWB)											
EDB		-15		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0	3.01	1.34	3.74	1.44	4.46	1.53	5.19	1.62	6.06	1.74	6.64	1.81	
18.0	2.98	1.41	3.71	1.50	4.43	1.60	5.16	1.69	6.03	1.80	6.61	1.88	
20.0	2.95	1.48	3.68	1.57	4.40	1.66	5.13	1.76	6.00	1.87	6.58	1.94	
21.0	2.94	1.51	3.66	1.60	4.39	1.70	5.11	1.79	5.99	1.90	6.57	1.98	
22.0	2.92	1.54	3.65	1.64	4.37	1.73	5.10	1.83	5.97	1.94	6.55	2.01	
24.0	2.89	1.61	3.62	1.71	4.34	1.80	5.07	1.89	5.94	2.00	6.52	2.08	

3D040889

RXS+FLXS25B

AFR	7.6
BF	0.32

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	2.33	1.52	0.54	2.25	1.47	0.60	2.17	1.42	0.66	2.14	1.40	0.67	2.08	1.36	0.68	2.00	1.30	0.74
16.0	22	2.51	1.64	0.54	2.43	1.59	0.61	2.35	1.53	0.67	2.31	1.51	0.68	2.25	1.47	0.70	2.16	1.41	0.75
18.0	25	2.70	1.76	0.55	2.61	1.71	0.62	2.52	1.65	0.68	2.48	1.62	0.69	2.42	1.58	0.71	2.32	1.51	0.77
19.0	27	2.80	1.82	0.56	2.70	1.76	0.62	2.61	1.70	0.69	2.57	1.67	0.70	2.50	1.63	0.72	2.40	1.56	0.77
22.0	30	3.09	2.02	0.58	2.99	1.95	0.64	2.88	1.88	0.71	2.84	1.85	0.72	2.76	1.80	0.74	2.65	1.73	0.80
24.0	32	3.28	2.14	0.59	3.18	2.07	0.65	3.07	2.00	0.72	3.02	1.97	0.73	2.94	1.92	0.75	2.81	1.84	0.81

Heating capacity

230V [50Hz]

AFR	9.2
-----	-----

Indoor		Outdoor temperature (°CWB)											
EDB		-10		-5		0		6		10			
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
16.0	1.95	0.68	2.41	0.74	2.88	0.80	3.43	0.87	3.81	0.92			
18.0	1.93	0.72	2.40	0.78	2.86	0.84	3.42	0.91	3.79	0.95			
20.0	1.91	0.75	2.38	0.81	2.84	0.87	3.40	0.94	3.77	0.99			
21.0	1.91	0.77	2.37	0.83	2.83	0.89	3.39	0.96	3.76	1.00			
22.0	1.90	0.79	2.36	0.84	2.83	0.90	3.38	0.97	3.75	1.02			
24.0	1.88	0.82	2.34	0.88	2.81	0.94	3.37	1.01	3.74	1.05			

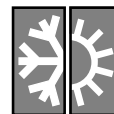
3D040384

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC$ correction for other dry bulb
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1 - BF) \times (DB - EDB)$
 Add SHC^* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length:
 Level difference: 7.5 m
 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

RXS+FLXS35B

AFR	8.6
BF	0.35

3

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																			
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	3.26	2.02	0.91	3.15	1.95	1.02	3.04	1.89	1.12	2.99	1.86	1.14	2.92	1.81	1.17	2.79	1.73	1.26		
16.0	22	3.52	2.18	0.93	3.40	2.11	1.04	3.29	2.04	1.14	3.23	2.00	1.16	3.15	1.95	1.19	3.02	1.87	1.29		
18.0	25	3.78	2.35	0.95	3.66	2.27	1.06	3.53	2.19	1.16	3.47	2.15	1.18	3.38	2.10	1.21	3.24	2.01	1.31		
19.0	27	3.91	2.43	0.95	3.78	2.35	1.06	3.65	2.27	1.17	3.59	2.23	1.19	3.50	2.17	1.22	3.35	2.08	1.32		
22.0	30	4.32	2.68	0.98	4.18	2.59	1.10	4.04	2.50	1.21	3.97	2.46	1.23	3.87	2.40	1.26	3.71	2.30	1.36		
24.0	32	4.60	2.85	1.00	4.45	2.76	1.12	4.29	2.66	1.23	4.22	2.62	1.25	4.11	2.55	1.28	3.94	2.44	1.38		

Heating capacity

230V [50Hz]

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

Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		2.58	1.00	3.19	1.09	3.81	1.18	4.55	1.28	5.04	1.35
18.0		2.56	1.05	3.17	1.14	3.79	1.23	4.52	1.33	5.01	1.40
20.0		2.53	1.10	3.15	1.19	3.76	1.28	4.50	1.38	4.99	1.45
21.0		2.52	1.13	3.14	1.22	3.75	1.30	4.49	1.40	4.98	1.47
22.0		2.51	1.15	3.13	1.24	3.74	1.33	4.48	1.43	4.97	1.50
24.0		2.49	1.20	3.10	1.29	3.72	1.38	4.46	1.48	4.95	1.55

3D040385

RXS+FLXS50B

AFR	11.4
BF	0.18

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																			
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	4.96	3.26	1.37	4.81	3.19	1.47	4.66	3.12	1.56	4.60	3.09	1.60	4.51	3.05	1.66	4.36	2.98	1.75		
16.0	22	5.12	3.30	1.40	4.97	3.23	1.49	4.82	3.16	1.59	4.76	3.13	1.62	4.67	3.09	1.68	4.52	3.02	1.78		
18.0	25	5.27	3.33	1.42	5.12	3.26	1.52	4.97	3.19	1.61	4.91	3.16	1.65	4.82	3.12	1.71	4.67	3.05	1.80		
19.0	27	5.35	3.35	1.44	5.20	3.28	1.53	5.05	3.21	1.63	4.99	3.18	1.66	4.90	3.14	1.72	4.75	3.07	1.82		
22.0	30	5.58	3.40	1.47	5.43	3.33	1.57	5.28	3.26	1.66	5.22	3.23	1.70	5.13	3.19	1.76	4.98	3.12	1.85		
24.0	32	5.74	3.43	1.50	5.59	3.36	1.60	5.44	3.29	1.69	5.38	3.26	1.73	5.29	3.22	1.79	5.14	3.15	1.88		

Heating capacity

230V [50Hz]

AFR	12.1
-----	------

Indoor		Outdoor temperature (°CWB)									
EDB		-15		-10		-5		0		6	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		3.06	1.31	3.80	1.40	4.54	1.49	5.28	1.58	6.16	1.69
18.0		3.03	1.37	3.77	1.46	4.51	1.55	5.24	1.65	6.13	1.75
20.0		3.00	1.44	3.74	1.53	4.48	1.62	5.21	1.71	6.10	1.82
21.0		2.98	1.47	3.72	1.56	4.46	1.65	5.20	1.74	6.08	1.85
22.0		2.97	1.50	3.71	1.59	4.45	1.69	5.18	1.78	6.07	1.89
24.0		2.94	1.57	3.68	1.66	4.42	1.75	5.15	1.84	6.04	1.95

3D040888

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1-BF) \times (DB-EDB)$
 Add SHC* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

3

RXS+FFQ25B

AFR	9.0
BF	0.24

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	2.33	1.82	0.62	2.25	1.76	0.69	2.17	1.70	0.76	2.14	1.67	0.78	2.08	1.62	0.79	2.00	1.56	0.86
16.0	22	2.51	1.96	0.63	2.43	1.90	0.71	2.35	1.83	0.78	2.31	1.80	0.79	2.25	1.75	0.81	2.16	1.68	0.87
18.0	25	2.70	2.11	0.64	2.61	2.04	0.72	2.52	1.97	0.79	2.48	1.93	0.80	2.42	1.88	0.82	2.32	1.81	0.89
19.0	27	2.80	2.18	0.65	2.70	2.11	0.72	2.61	2.04	0.80	2.57	2.00	0.81	2.50	1.95	0.83	2.40	1.87	0.90
22.0	30	3.09	2.41	0.67	2.99	2.33	0.75	2.88	2.25	0.82	2.84	2.21	0.84	2.76	2.15	0.85	2.65	2.06	0.92
24.0	32	3.28	2.56	0.68	3.18	2.48	0.76	3.07	2.39	0.84	3.02	2.35	0.85	2.94	2.29	0.87	2.81	2.20	0.94

Heating capacity

230V [50Hz]

AFR	9.0
-----	-----

Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		1.83	0.68	2.27	0.74	2.71	0.80	3.23	0.87	3.58	0.92
18.0		1.82	0.72	2.26	0.78	2.69	0.84	3.22	0.91	3.57	0.95
20.0		1.80	0.75	2.24	0.81	2.68	0.87	3.20	0.94	3.55	0.99
21.0		1.79	0.77	2.23	0.83	2.67	0.89	3.19	0.96	3.54	1.00
22.0		1.79	0.79	2.22	0.84	2.66	0.90	3.18	0.97	3.53	1.02
24.0		1.77	0.82	2.21	0.88	2.64	0.94	3.17	1.01	3.52	1.05

3D040763

RXS+FFQ35B

AFR	10.0
BF	0.25

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	3.17	2.25	0.97	3.06	2.18	1.09	2.96	2.10	1.20	2.91	2.07	1.22	2.83	2.02	1.24	2.71	1.93	1.35
16.0	22	3.42	2.43	0.99	3.31	2.35	1.10	3.19	2.27	1.22	3.14	2.24	1.24	3.06	2.18	1.27	2.93	2.09	1.37
18.0	25	3.67	2.62	1.01	3.55	2.53	1.12	3.43	2.44	1.24	3.37	2.40	1.26	3.29	2.34	1.29	3.15	2.24	1.39
19.0	27	3.80	2.71	1.02	3.68	2.62	1.13	3.55	2.53	1.25	3.49	2.48	1.27	3.40	2.42	1.30	3.26	2.32	1.41
22.0	30	4.20	2.99	1.05	4.06	2.89	1.17	3.92	2.79	1.29	3.86	2.74	1.31	3.76	2.67	1.34	3.60	2.56	1.45
24.0	32	4.47	3.18	1.07	4.32	3.07	1.19	4.17	2.97	1.31	4.10	2.92	1.33	4.00	2.84	1.36	3.83	2.72	1.48

Heating capacity

230V [50Hz]

AFR	10.0
-----	------

Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		2.58	1.16	3.19	1.26	3.81	1.36	4.55	1.48	5.04	1.56
18.0		2.56	1.22	3.17	1.32	3.79	1.42	4.52	1.54	5.01	1.62
20.0		2.53	1.28	3.15	1.38	3.76	1.48	4.50	1.60	4.99	1.68
21.0		2.52	1.31	3.14	1.41	3.75	1.51	4.49	1.63	4.98	1.71
22.0		2.51	1.34	3.13	1.44	3.74	1.54	4.48	1.66	4.97	1.74
24.0		2.49	1.40	3.10	1.50	3.72	1.60	4.46	1.72	4.95	1.80

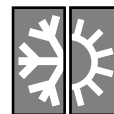
3D040765

SYMBOLS

AFR:	Air flow rate	(m ³ /min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering 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 cooling 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
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1-BF) \times (DB-EDB)$
 Add SHC* to SHC.
5. Capacities are based on the following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
6. Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

RXS+FFQ50B

AFR	12.0
BF	0.16

3

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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 capacity

230V [50Hz]

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

3D041023

RXS+FFQ60B

AFR	15.0
BF	0.11

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.86	4.30	1.72	5.71	4.23	1.82	5.56	4.16	1.91	5.50	4.13	1.95	5.41	4.09	2.01	5.26	4.02	2.10
16.0	22	6.02	4.34	1.75	5.87	4.27	1.84	5.72	4.20	1.94	5.66	4.17	1.97	5.57	4.13	2.03	5.42	4.06	2.13
18.0	25	6.17	4.37	1.77	6.02	4.30	1.87	5.87	4.23	1.96	5.81	4.20	2.00	5.72	4.16	2.06	5.57	4.09	2.15
19.0	27	6.25	4.39	1.79	6.10	4.32	1.88	5.95	4.25	1.98	5.89	4.22	2.01	5.80	4.18	2.07	5.65	4.11	2.17
22.0	30	6.48	4.44	1.82	6.33	4.37	1.92	6.18	4.30	2.01	6.12	4.27	2.05	6.03	4.23	2.11	5.88	4.16	2.20
24.0	32	6.64	4.47	1.85	6.49	4.40	1.95	6.34	4.33	2.04	6.28	4.30	2.08	6.19	4.26	2.14	6.04	4.19	2.23

Heating capacity

230V [50Hz]

AFR	15.0
-----	------

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

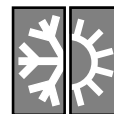
3D041028

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1-BF) \times (DB-EDB)$
 Add SHC* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

3

RXS+FCQ35-60B

Cooling capacity

230V [50Hz]

Outdoor	Indoor		Outdoor temperature (°C)																	
	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
35	14.0	20.0	3.2	2.7	0.91	3.1	2.6	1.01	3.0	2.5	1.12	2.9	2.4	1.13	2.8	2.4	1.16	2.7	2.3	1.25
	16.0	22.0	3.4	2.9	0.92	3.3	2.8	1.03	3.2	2.7	1.14	3.1	2.6	1.15	3.1	2.6	1.18	2.9	2.5	1.28
	18.0	25.0	3.7	3.1	0.94	3.6	3.0	1.05	3.4	2.9	1.16	3.4	2.8	1.17	3.3	2.8	1.20	3.2	2.6	1.30
	19.0	27.0	3.8	3.2	0.95	3.7	3.1	1.06	3.6	3.0	1.17	3.5	2.9	1.18	3.4	2.9	1.21	3.3	2.7	1.31
	22.0	30.0	4.2	3.5	0.97	4.1	3.4	1.09	3.9	3.3	1.20	3.9	3.2	1.22	3.8	3.2	1.25	3.6	3.0	1.35
	24.0	32.0	4.5	3.8	0.99	4.3	3.6	1.11	4.2	3.5	1.22	4.1	3.4	1.24	4.0	3.4	1.27	3.8	3.2	1.37
50	14.0	20.0	5.1	3.7	1.57	4.9	3.6	1.67	4.8	3.5	1.76	4.7	3.5	1.80	4.6	3.5	1.86	4.5	3.4	1.95
	16.0	22.0	5.2	3.7	1.60	5.1	3.6	1.69	4.9	3.6	1.79	4.9	3.5	1.83	4.8	3.5	1.88	4.6	3.4	1.98
	18.0	25.0	5.4	3.7	1.62	5.2	3.7	1.72	5.1	3.6	1.81	5.0	3.6	1.85	4.9	3.5	1.91	4.8	3.5	2.00
	19.0	27.0	5.5	3.8	1.64	5.3	3.7	1.73	5.2	3.6	1.83	5.1	3.6	1.87	5.0	3.6	1.92	4.9	3.5	2.02
	22.0	30.0	5.7	3.8	1.68	5.5	3.7	1.77	5.4	3.7	1.87	5.3	3.6	1.90	5.2	3.6	1.96	5.1	3.5	2.06
	24.0	32.0	5.8	3.8	1.70	5.7	3.8	1.80	5.5	3.7	1.89	5.5	3.7	1.93	5.4	3.6	1.99	5.2	3.6	2.08
60	14.0	20.0	5.8	4.5	1.84	5.6	4.4	1.94	5.5	4.3	2.03	5.4	4.3	2.07	5.3	4.3	2.13	5.2	4.2	2.22
	16.0	22.0	5.9	4.5	1.87	5.8	4.4	1.96	5.6	4.4	2.06	5.6	4.4	2.10	5.5	4.3	2.15	5.3	4.2	2.25
	18.0	25.0	6.1	4.6	1.89	5.9	4.5	1.99	5.8	4.4	2.08	5.7	4.4	2.12	5.6	4.3	2.18	5.5	4.3	2.27
	19.0	27.0	6.2	4.6	1.91	6.0	4.5	2.00	5.9	4.4	2.10	5.8	4.4	2.13	5.7	4.4	2.19	5.6	4.3	2.29
	22.0	30.0	6.4	4.6	1.95	6.2	4.6	2.04	6.1	4.5	2.14	6.0	4.5	2.17	5.9	4.4	2.23	5.8	4.3	2.33
	24.0	32.0	6.5	4.7	1.97	6.4	4.6	2.07	6.2	4.5	2.16	6.2	4.5	2.20	6.1	4.4	2.26	5.9	4.4	2.35

3TW25082-1

SYMBOLS

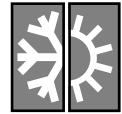
AFR:	Air flow rate	(m ³ /min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering dry bulb temp.	(°CDB)
TC:	Total capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(kW)
	(comp.+indoor+outdoor fan motor)	

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.29 \times 60 \times AFR \text{ (m}^3/\text{min)} \times (1-BF) \times (DB-EDB)/860$
 Add SHC* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length:
 Level difference:
- Air flow rate and BF are tabulated below.

7.5 m
0 m

Model		FBQ
35	AFR	14
	BF	0.16
50	AFR	15
	BF	0.16
60	AFR	18
	BF	0.10



3 Capacity tables

RXS+FCQ35-60B

Heating capacity

230V [50Hz]

3

Outdoor	Indoor	Outdoor temperature (°C)											
	EDB	-15		-10		-5		0		6		10	
	(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
35	16.0	-	-	2.4	0.93	2.9	1.01	3.5	1.10	4.1	1.19	4.6	1.25
	18.0	-	-	2.3	0.98	2.9	1.06	3.5	1.14	4.1	1.24	4.6	1.30
	20.0	-	-	2.3	1.02	2.9	1.11	3.4	1.18	4.1	1.28	4.6	1.35
	21.0	-	-	2.3	1.05	2.9	1.13	3.4	1.20	4.1	1.30	4.5	1.37
	22.0	-	-	2.3	1.07	2.9	1.15	3.4	1.23	4.1	1.32	4.5	1.39
	24.0	-	-	2.3	1.12	2.8	1.19	3.4	1.28	4.1	1.37	4.5	1.43
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
60	16.0	3.5	1.57	4.4	1.68	5.2	1.79	6.1	1.90	7.0	2.03	7.7	2.12
	18.0	3.5	1.65	4.3	1.76	5.2	1.87	6.0	1.98	7.0	2.11	7.7	2.20
	20.0	3.4	1.73	4.3	1.84	5.1	1.95	6.0	2.06	7.0	2.19	7.7	2.27
	21.0	3.4	1.77	4.3	1.88	5.1	1.99	6.0	2.10	7.0	2.23	7.7	2.31
	22.0	3.4	1.81	4.3	1.92	5.1	2.03	5.9	2.13	7.0	2.27	7.6	2.35
	24.0	3.4	1.89	4.2	1.99	5.1	2.10	5.9	2.21	6.9	2.34	7.6	2.43

3TW25082-2

SYMBOLS

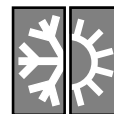
AFR:	Air flow rate	(m ³ /min)
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering dry bulb temp.	(°CDB)
DB*	Dry bulb temp.	(°CDB)
TC:	Total capacity	(kW)
PI:	Power input	(kW)
	(comp.+indoor+outdoor fan motor)	

NOTES

- Ratings shown are net capacities. Influence of fan motor heat is included.
- Shows nominal cooling capacities and power input
- Direct interpolation is permissible. Do not extrapolate.
- Capacities are based on the following conditions:
Corresponding refrigerant piping length:
Level difference:
- Air flow rate and BF are tabulated below.

7.5 m
0 m

Model	FBQ
35	14
50	15
60	18



3 Capacity tables

3

RXS+FHQ35B

AFR	13
BF	0.20

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	3.17	2.47	0.91	3.06	2.39	1.01	2.96	2.30	1.12	2.91	2.27	1.13	2.83	2.21	1.16	2.71	2.11	1.25
16.0	22	3.42	2.67	0.92	3.31	2.58	1.03	3.19	2.49	1.14	3.14	2.45	1.15	3.06	2.38	1.18	2.93	2.28	1.28
18.0	25	3.67	2.86	0.94	3.55	2.77	1.05	3.43	2.67	1.16	3.37	2.63	1.17	3.29	2.56	1.20	3.15	2.45	1.30
19.0	27	3.80	2.96	0.95	3.68	2.86	1.06	3.55	2.77	1.17	3.49	2.72	1.18	3.40	2.65	1.21	3.26	2.54	1.31
22.0	30	4.20	3.27	0.97	4.06	3.17	1.09	3.92	3.06	1.20	3.86	3.01	1.22	3.76	2.93	1.25	3.60	2.81	1.35
24.0	32	4.47	3.48	0.99	4.32	3.37	1.11	4.17	3.25	1.22	4.10	3.20	1.24	4.00	3.11	1.27	3.83	2.98	1.37

Heating capacity

230V [50Hz]

AFR	13
-----	----

Indoor		Outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		2.35	0.86	2.91	0.93	3.47	1.01	4.14	1.10	4.59	1.15
18.0		2.33	0.90	2.89	0.98	3.45	1.05	4.12	1.14	4.57	1.20
20.0		2.31	0.94	2.87	1.02	3.43	1.09	4.10	1.18	4.55	1.24
21.0		2.30	0.97	2.86	1.04	3.42	1.11	4.09	1.20	4.54	1.26
22.0		2.29	0.99	2.85	1.06	3.41	1.13	4.08	1.22	4.53	1.28
24.0		2.27	1.03	2.83	1.10	3.39	1.18	4.06	1.26	4.51	1.32

3D040598

RXS+FHQ50B

AFR	13
BF	0.1

Cooling capacity

230V [50Hz]

Indoor		Outdoor temperature (°C)																	
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	5.06	3.63	1.48	4.91	3.56	1.58	4.76	3.49	1.67	4.70	3.46	1.71	4.61	3.42	1.77	4.46	3.35	1.86
16.0	22	5.22	3.66	1.51	5.07	3.59	1.60	4.92	3.52	1.70	4.86	3.49	1.73	4.77	3.45	1.79	4.62	3.38	1.89
18.0	25	5.37	3.69	1.53	5.22	3.62	1.63	5.07	3.55	1.72	5.01	3.53	1.76	4.92	3.48	1.82	4.77	3.41	1.91
19.0	27	5.45	3.71	1.55	5.30	3.64	1.64	5.15	3.57	1.74	5.09	3.54	1.77	5.00	3.50	1.83	4.85	3.43	1.93
22.0	30	5.68	3.76	1.58	5.53	3.69	1.68	5.38	3.62	1.77	5.32	3.59	1.81	5.23	3.55	1.87	5.08	3.48	1.96
24.0	32	5.84	3.80	1.61	5.69	3.73	1.71	5.54	3.66	1.80	5.48	3.63	1.84	5.39	3.59	1.90	5.24	3.52	1.99

Heating capacity

230V [50Hz]

AFR	13
-----	----

Indoor		Outdoor temperature (°CWB)									
EDB		-15		-10		-5		0		6	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		3.01	1.47	3.74	1.57	4.46	1.68	5.19	1.78	6.06	1.90
18.0		2.98	1.55	3.71	1.65	4.43	1.75	5.16	1.85	6.03	1.98
20.0		2.95	1.62	3.68	1.72	4.40	1.82	5.13	1.93	6.00	2.05
21.0		2.94	1.66	3.66	1.76	4.39	1.86	5.11	1.96	5.99	2.09
22.0		2.92	1.69	3.65	1.80	4.37	1.90	5.10	2.00	5.97	2.12
24.0		2.89	1.77	3.62	1.87	4.34	1.97	5.07	2.07	5.94	2.20

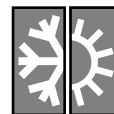
3D040600

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1-BF) \times (DB-EDB)$
 Add SHC* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length:
 Level difference: 7.5 m
 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

RXS+FHQ60B

Cooling capacity

230V [50Hz]

AFR	17
BF	0.2

3

Indoor		Outdoor temperature (°C)																	
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	5.76	4.17	1.80	5.61	4.10	1.90	5.46	4.03	1.99	5.40	4.00	2.03	5.31	3.96	2.09	5.16	3.89	2.18
16.0	22	5.92	4.21	1.83	5.77	4.14	1.92	5.62	4.07	2.02	5.56	4.04	2.05	5.47	4.00	2.11	5.32	3.93	2.21
18.0	25	6.07	4.24	1.85	5.92	4.17	1.95	5.77	4.10	2.04	5.71	4.07	2.08	5.62	4.03	2.14	5.47	3.96	2.23
19.0	27	6.15	4.26	1.87	6.00	4.19	1.96	5.85	4.12	2.06	5.79	4.09	2.09	5.70	4.05	2.15	5.55	3.98	2.25
22.0	30	6.38	4.31	1.90	6.23	4.24	2.00	6.08	4.17	2.09	6.02	4.14	2.13	5.93	4.10	2.19	5.78	4.03	2.28
24.0	32	6.54	4.34	1.93	6.39	4.27	2.03	6.24	4.20	2.12	6.18	4.17	2.16	6.09	4.13	2.22	5.94	4.06	2.31

Heating capacity

230V [50Hz]

AFR	16
-----	----

Indoor		Outdoor temperature (°CWB)											
EDB		-15		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		3.61	1.79	4.48	1.91	5.36	2.04	6.23	2.16	7.27	2.31	7.97	2.41
18.0		3.58	1.88	4.45	2.00	5.32	2.13	6.19	2.25	7.24	2.40	7.93	2.50
20.0		3.54	1.97	4.41	2.09	5.28	2.22	6.15	2.34	7.20	2.49	7.90	2.59
21.0		3.52	2.01	4.39	2.14	5.27	2.26	6.14	2.39	7.18	2.53	7.88	2.63
22.0		3.50	2.06	4.38	2.18	5.25	2.31	6.12	2.43	7.16	2.58	7.86	2.68
24.0		3.47	2.15	4.34	2.27	5.21	2.40	6.08	2.52	7.13	2.67	7.82	2.77

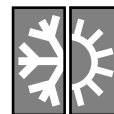
3D040603

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.02 \times AFR (m^3/min) \times (1 - BF) \times (DB - EDB)$
 Add SHC* to SHC.
- Capacities are based on the following conditions:
 Corresponding refrigerant piping length: 7.5 m
 Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above.



3 Capacity tables

3

RXS+FBQ35-60B

Cooling capacity

230V [50Hz]

Outdoor	Indoor		Outdoor temperature (°C)																	
	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
35	14.0	20.0	3.2	2.4	0.91	3.1	2.3	1.01	3.0	2.2	1.12	2.9	2.2	1.13	2.8	2.1	1.16	2.7	2.0	1.25
	16.0	22.0	3.4	2.6	0.92	3.3	2.5	1.03	3.2	2.4	1.14	3.1	2.4	1.15	3.1	2.3	1.18	2.9	2.2	1.28
	18.0	25.0	3.7	2.8	0.94	3.6	2.7	1.05	3.4	2.6	1.16	3.4	2.5	1.17	3.3	2.5	1.20	3.2	2.4	1.30
	19.0	27.0	3.8	2.9	0.95	3.7	2.8	1.06	3.6	2.7	1.17	3.5	2.6	1.18	3.4	2.6	1.21	3.3	2.4	1.31
	22.0	30.0	4.2	3.2	0.97	4.1	3.0	1.09	3.9	2.9	1.20	3.9	2.9	1.22	3.8	2.8	1.25	3.6	2.7	1.35
	24.0	32.0	4.5	3.3	0.99	4.3	3.2	1.11	4.2	3.1	1.22	4.1	3.1	1.24	4.0	3.0	1.27	3.8	2.9	1.37
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	1.86	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	1.98
	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	3.6	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
60	14.0	20.0	5.8	4.6	1.84	5.6	4.6	1.94	5.5	4.5	2.03	5.4	4.5	2.07	5.3	4.4	2.13	5.2	4.3	2.22
	16.0	22.0	5.9	4.7	1.87	5.8	4.6	1.96	5.6	4.5	2.06	5.6	4.5	2.10	5.5	4.5	2.15	5.3	4.4	2.25
	18.0	25.0	6.1	4.7	1.89	5.9	4.6	1.99	5.8	4.6	2.08	5.7	4.5	2.12	5.6	4.5	2.18	5.5	4.4	2.27
	19.0	27.0	6.2	4.7	1.91	6.0	4.6	2.00	5.9	4.6	2.10	5.8	4.5	2.13	5.7	4.5	2.19	5.6	4.4	2.29
	22.0	30.0	6.4	4.8	1.95	6.2	4.7	2.04	6.1	4.6	2.14	6.0	4.6	2.17	5.9	4.6	2.23	5.8	4.5	2.33
	24.0	32.0	6.5	4.8	1.97	6.4	4.7	2.07	6.2	4.7	2.16	6.2	4.6	2.20	6.1	4.6	2.26	5.9	4.5	2.35

3TW25112-1

SYMBOLS

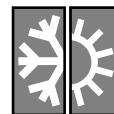
AFR:	Air flow rate	(m ³ /min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering dry bulb temp.	(°CDB)
TC:	Total capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(kW)
	(comp.+indoor+outdoor fan motor)	

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
- Shows nominal cooling capacities and power input
- SHC is based on each EWB and EDB
 $SHC^* = SHC \text{ correction for other dry bulb}$
 $SHC^* = 0.29 \times 60 \times AFR (m^3/min) \times (1-BF) \times (DB-EDB)/860$
 Add SHC* to SHC.
- Direct interpolation is permissible.
Do not extrapolate.
- Capacities are based on the following conditions:
Corresponding refrigerant piping length:
Level difference:

7.5 m
0 m
- Air flow rate and BF are tabulated below.

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



3 Capacity tables

RXS+FBQ35-60B

Heating capacity

230V [50Hz]

3

Outdoor	Indoor	Outdoor temperature (°C)											
	EDB	-15		-10		-5		0		6		10	
	(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
35	16.0	-	-	2.4	0.93	2.9	1.01	3.5	1.10	4.1	1.19	4.6	1.25
	18.0	-	-	2.3	0.98	2.9	1.06	3.5	1.14	4.1	1.24	4.6	1.30
	20.0	-	-	2.3	1.02	2.9	1.11	3.4	1.18	4.1	1.28	4.6	1.35
	21.0	-	-	2.3	1.05	2.9	1.13	3.4	1.20	4.1	1.30	4.5	1.37
	22.0	-	-	2.3	1.07	2.9	1.15	3.4	1.23	4.1	1.32	4.5	1.39
	24.0	-	-	2.3	1.12	2.8	1.19	3.4	1.28	4.1	1.37	4.5	1.43
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
60	16.0	3.5	1.80	4.4	1.92	5.2	2.05	6.1	2.17	7.1	2.32	7.7	2.42
	18.0	3.5	1.89	4.3	2.01	5.2	2.14	6.0	2.26	7.0	2.41	7.7	2.51
	20.0	3.4	1.98	4.3	2.10	5.1	2.23	6.0	2.35	7.0	2.50	7.7	2.60
	21.0	3.4	2.02	4.3	2.15	5.1	2.27	6.0	2.40	7.0	2.55	7.7	2.65
	22.0	3.4	2.07	4.3	2.19	5.1	2.32	5.9	2.44	7.0	2.59	7.6	2.69
	24.0	3.4	2.16	4.2	2.28	5.1	2.41	5.9	2.53	6.9	2.68	7.6	2.78

3TW25112-2

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	(kW)
	(comp.+indoor+outdoor fan motor)	

NOTES

- Ratings shown are net capacities. Influence of fan motor heat is included.
- Shows nominal cooling capacities and power input
- Direct interpolation is permissible. Do not extrapolate.
- Capacities are based on the following conditions:
Corresponding refrigerant piping length:
Level difference:
- Air flow rate and BF are tabulated below.

7.5 m
0 m

Model	FBQ
35	11.5
50	14
60	19

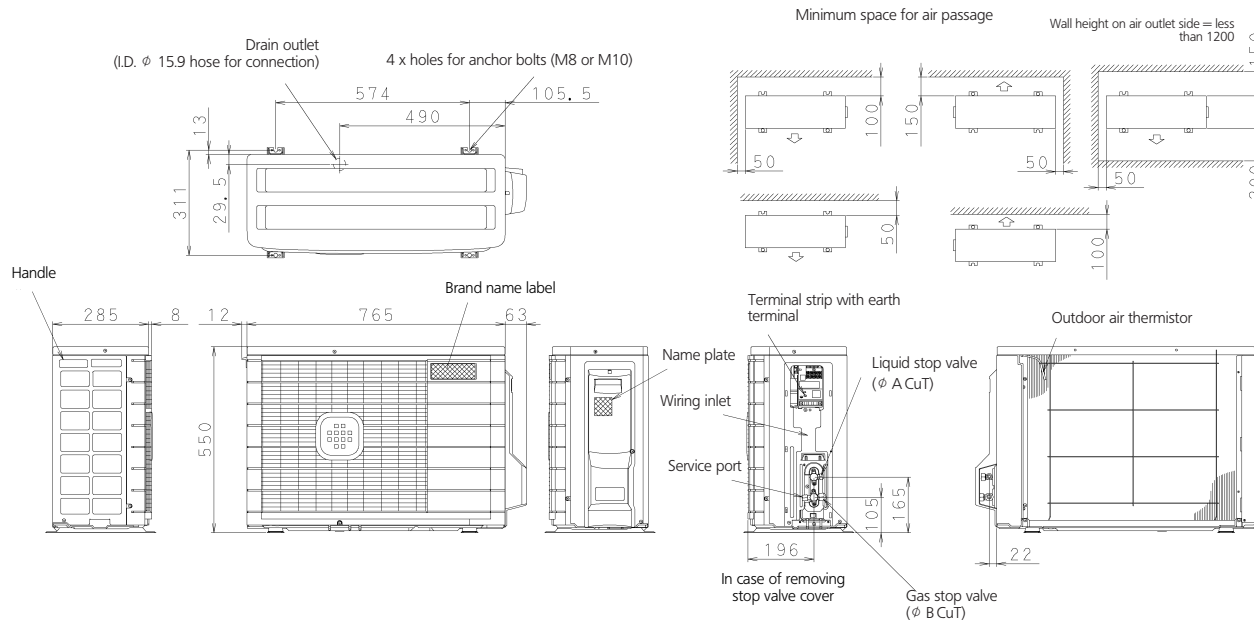


4 Dimensional drawings

4

RXS20,25,35C

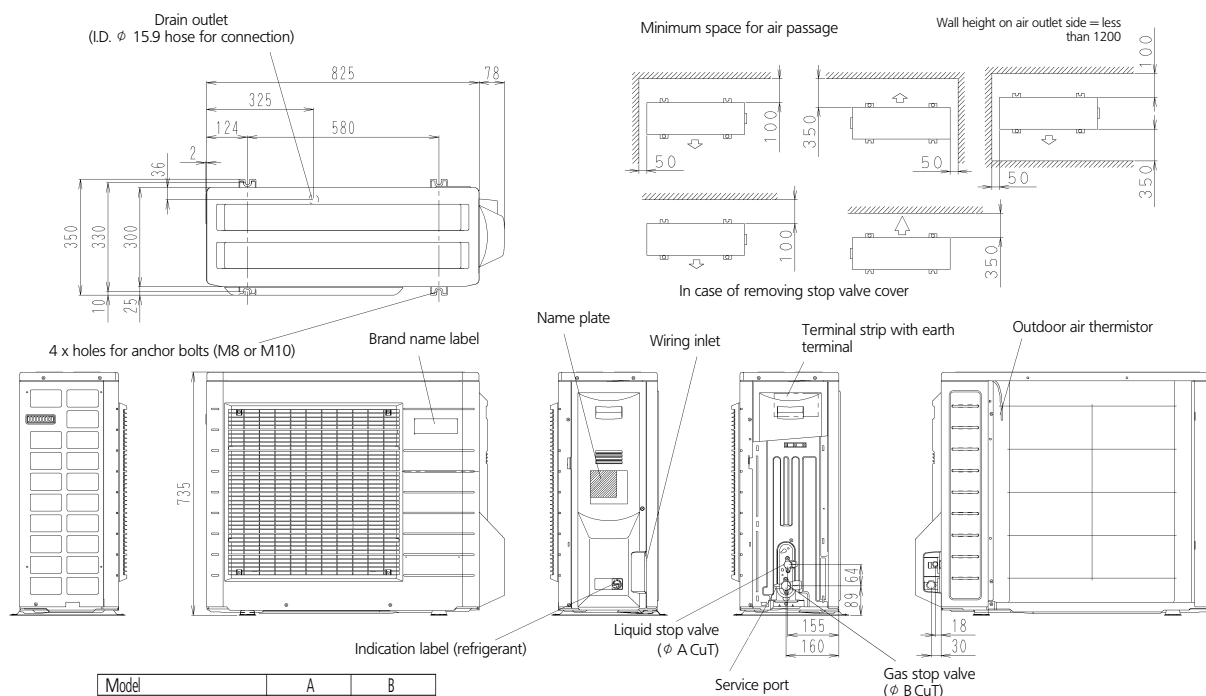
unit (mm)



3D041800

RXS50,60,71B

unit (mm)



Model	A	B
RXS50, RXS60	6.4	12.7
RXS71	6.4	15.9

3D034257B

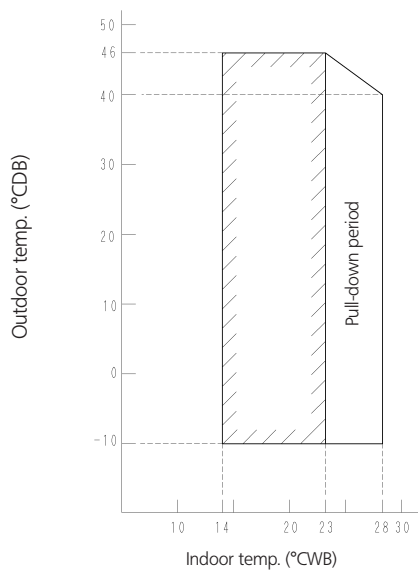


5 Operation range

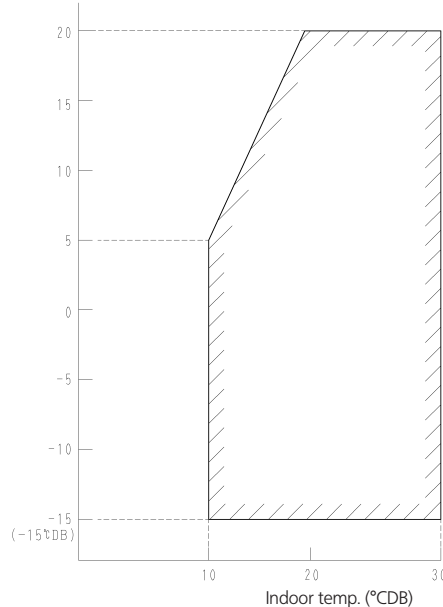
5

RXS20,25,35C

Cooling



Heating



Notes:

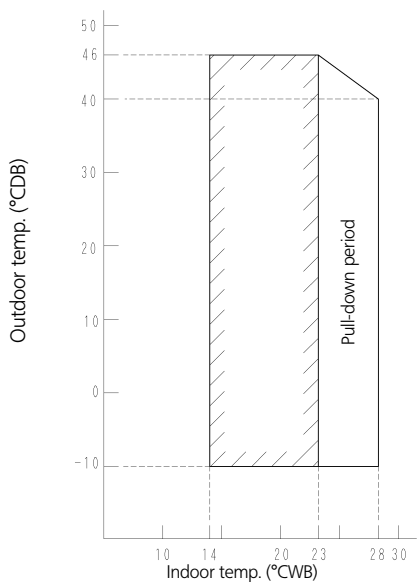
The graphs are based on the following conditions:

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

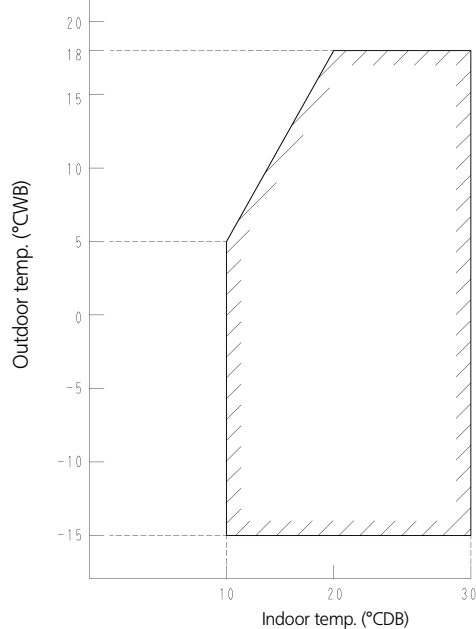
3D039536A

RXS50,60,71B

Cooling



Heating



Notes:

The graphs are based on the following conditions:

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

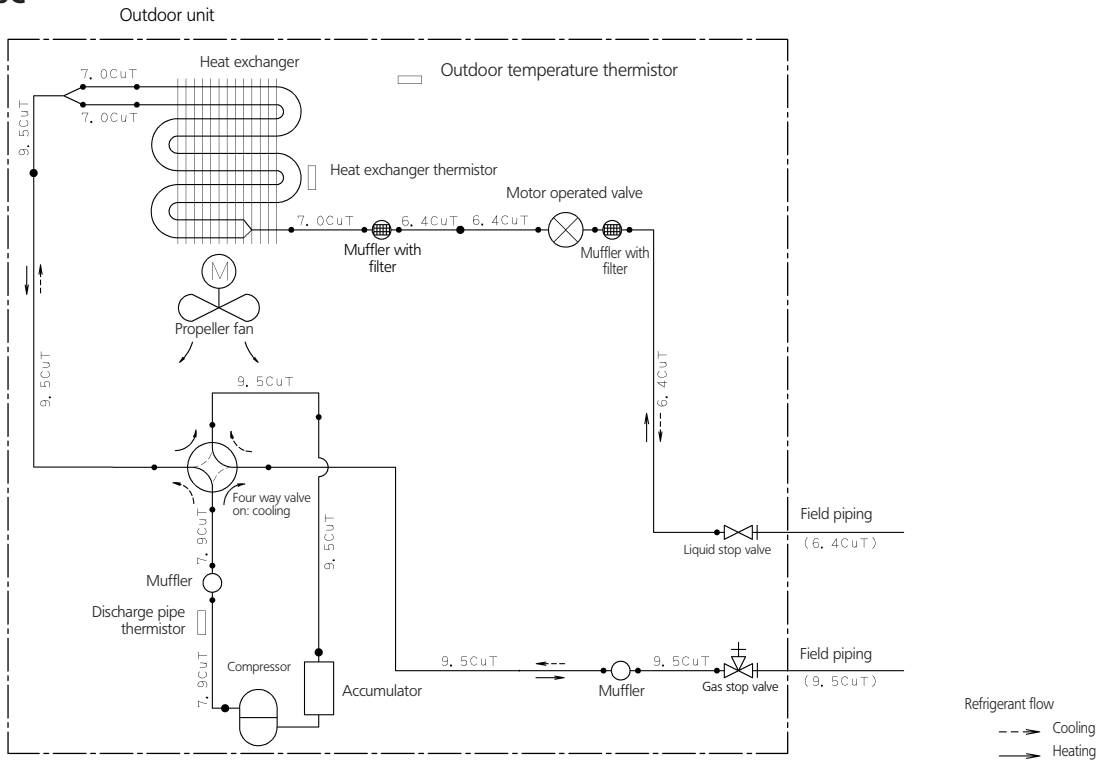
3D028318C



6 Piping diagrams

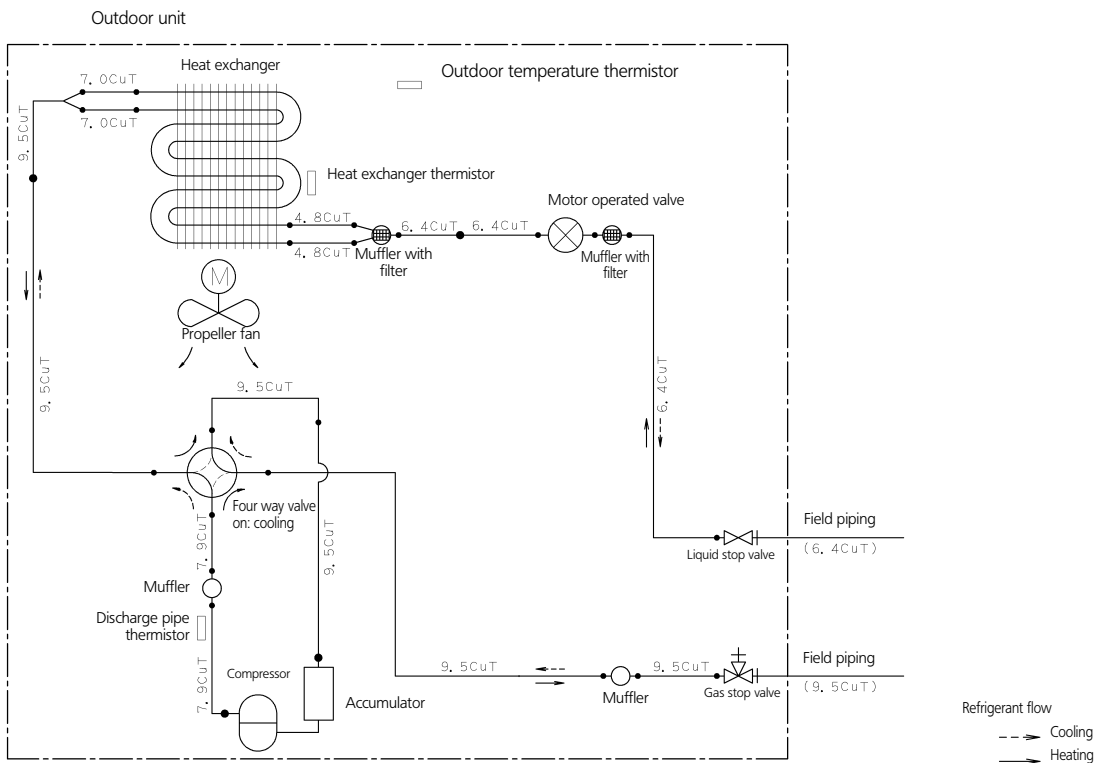
6

RXS20,25C

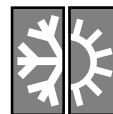


3D043688

RXS35C



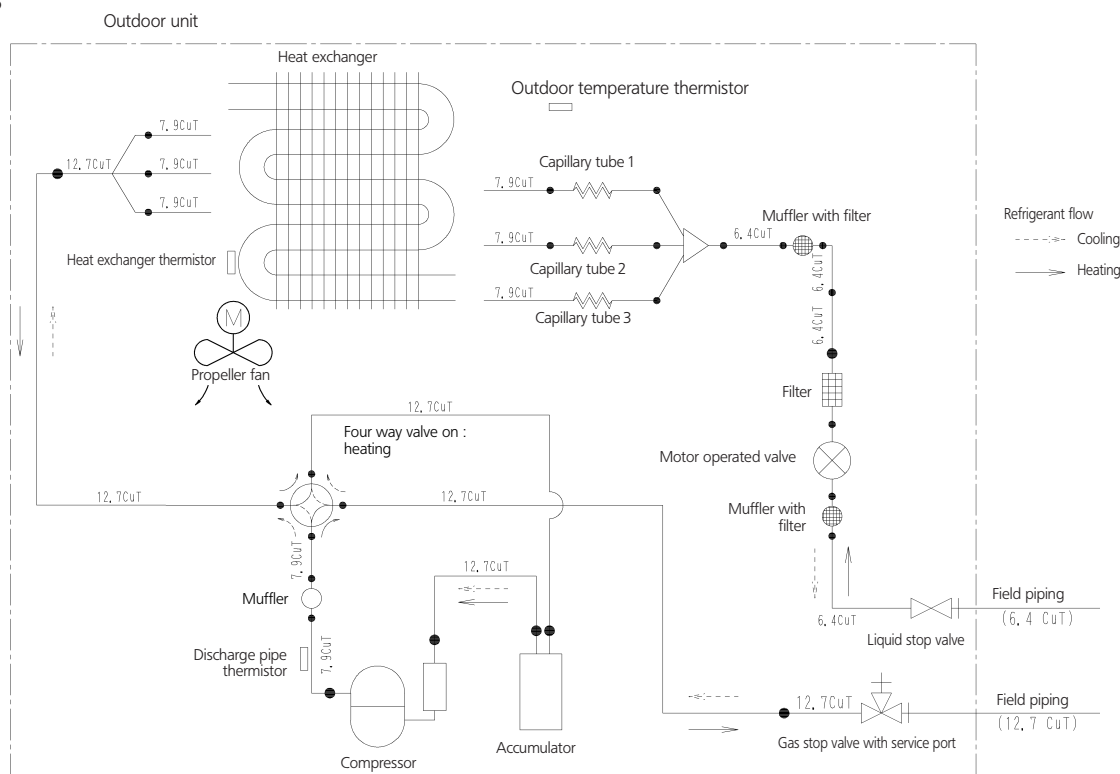
3D043689



6 Piping diagrams

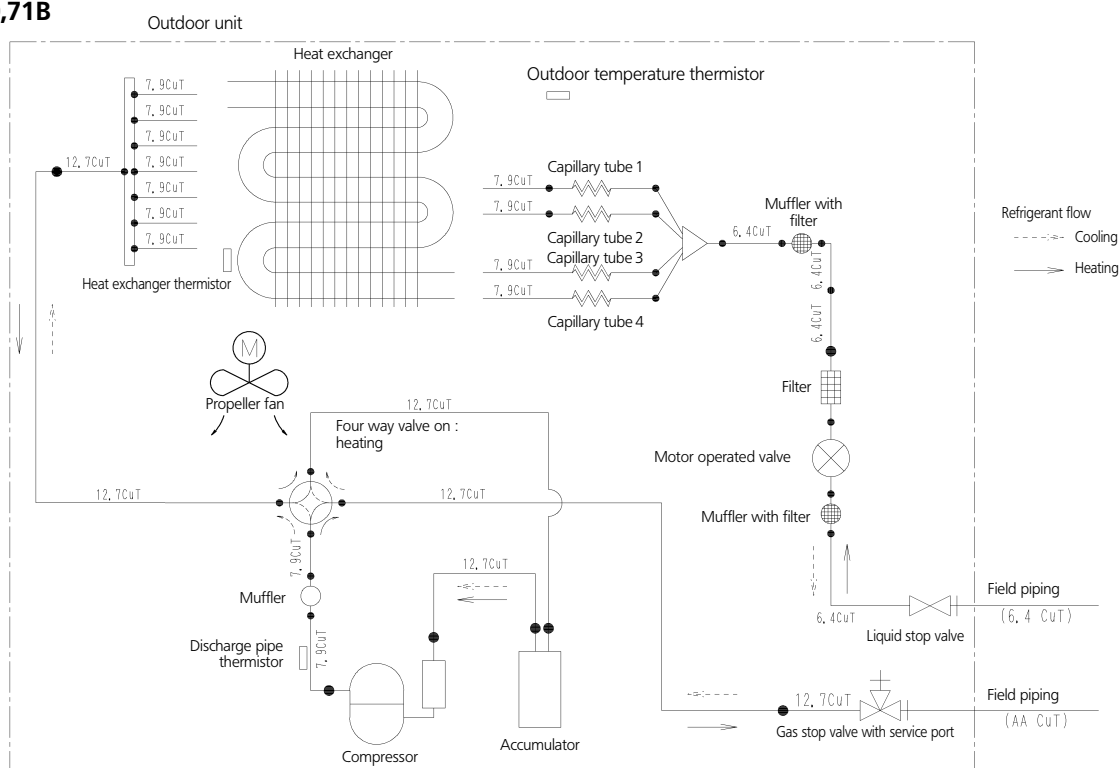
6

RXS50B



3D034262C

RXS60,71B



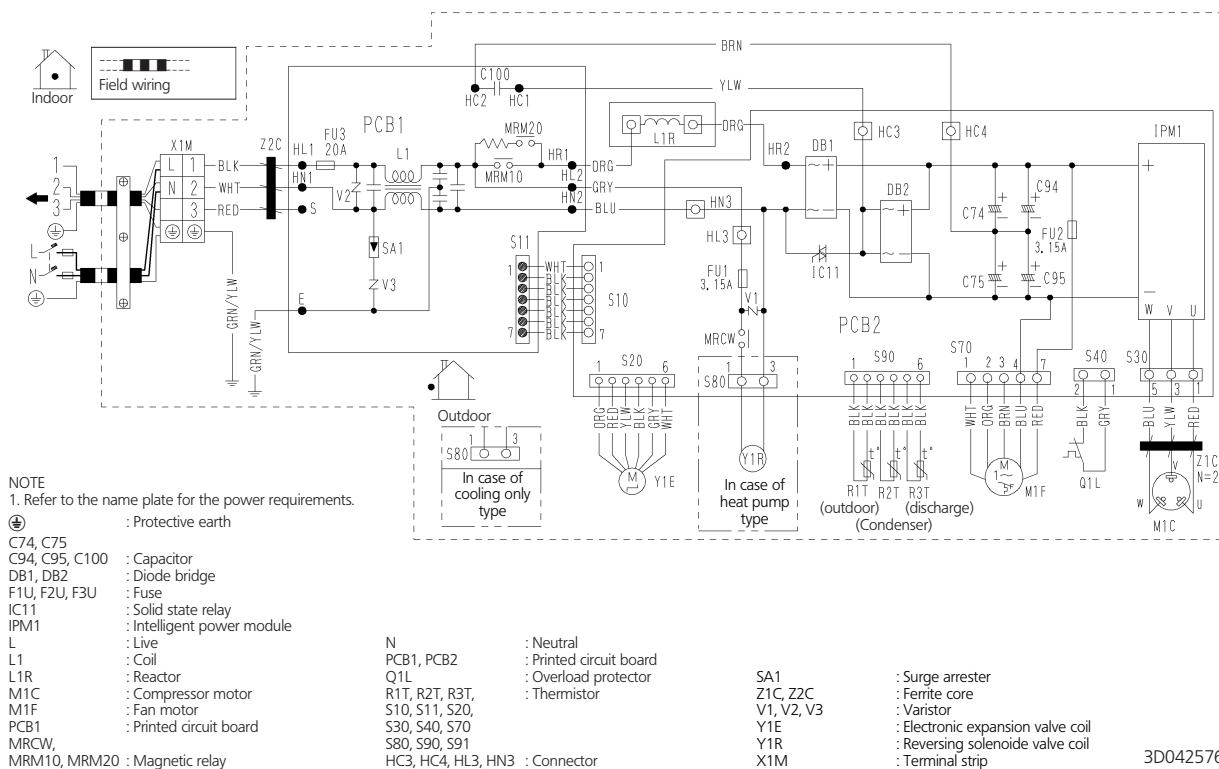
3D034263C



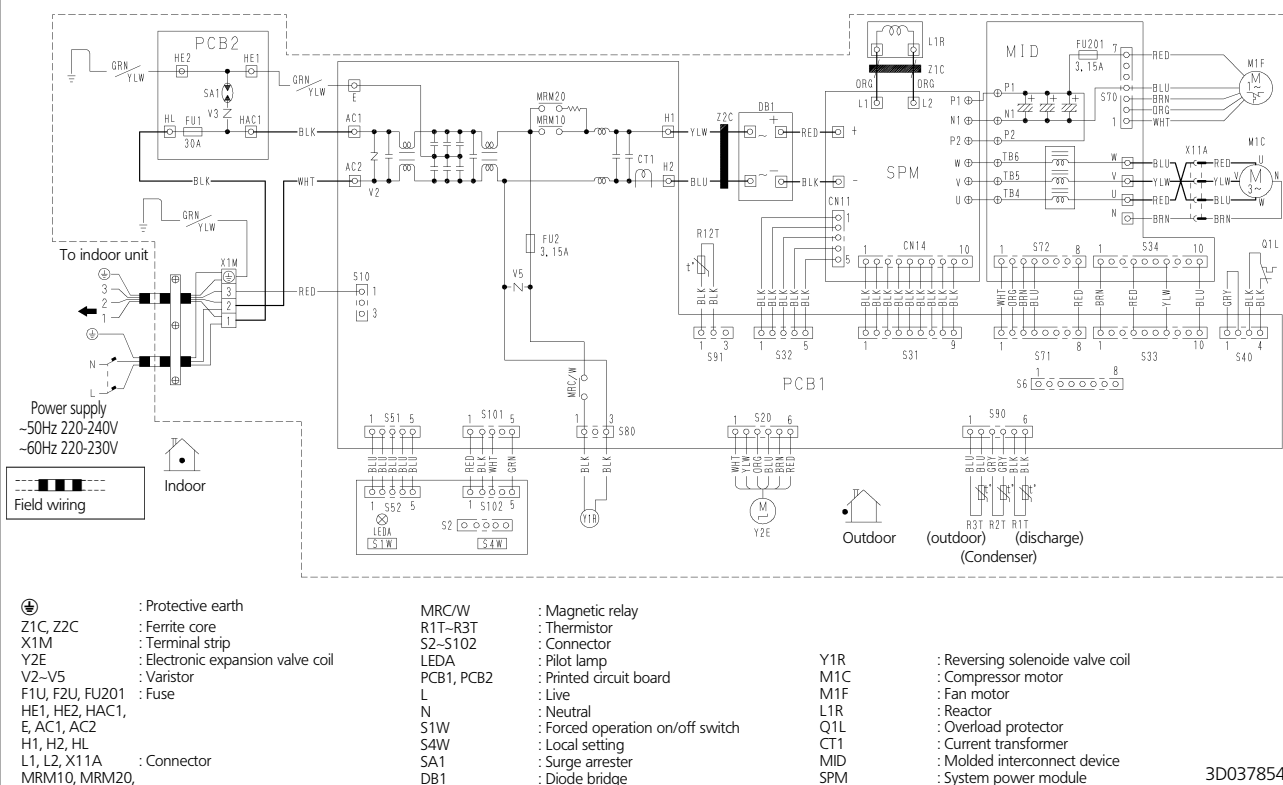
7 Wiring diagrams

7

RXS20,25,35C



RXS50,60,71B

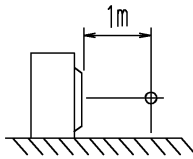




8 Sound level

8-1 Sound level data

Heat pump

Model	Sound pressure level		Measuring location	Sound power level (cooling/heating)
	230V, 50Hz			
	Cooling/Heating			
	H	L		
RXS20C	46/43	47/44		61/62
RXS25C	46/43	47/44		61/62
RXS35C	47/44	48/45		62/63
RXS50B	47/48	*/*		63/64
RXS60B	49/49	*/*		64/64
RXS71B	52/52	*/*		66/66

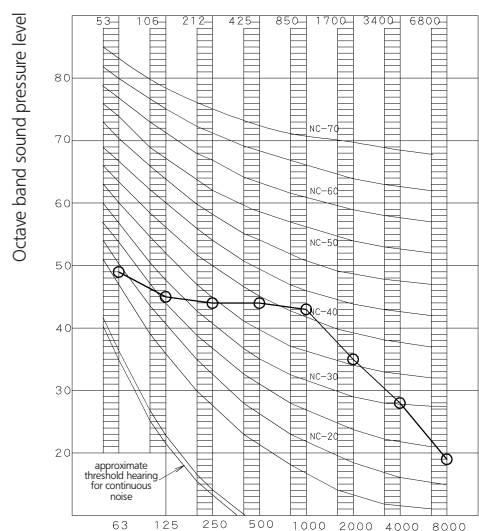
* This information was not available at the time of publication.

8

8-1

8-2 Sound pressure spectrum

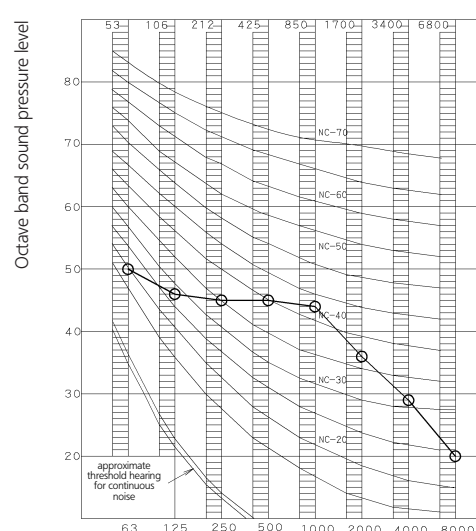
RXS20,25C (Cooling)



3D044103

Octave band center frequency (Hz)

RXS20,25C (Heating)



3D044103

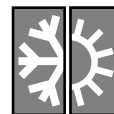
Octave band center frequency (Hz)

Legend

 50/60Hz, 220-240/220-230V

NOTES

- 1 Operation sound is measured in an anechoic chamber.
- 2 Operation sound level differs with operation and ambient conditions.
- 3 Reference acoustic pressure 0dB = 20μPa



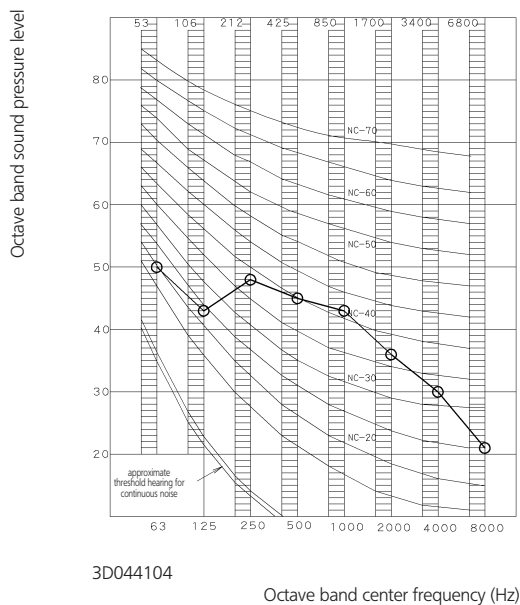
8 Sound level

8-2 Sound pressure spectrum

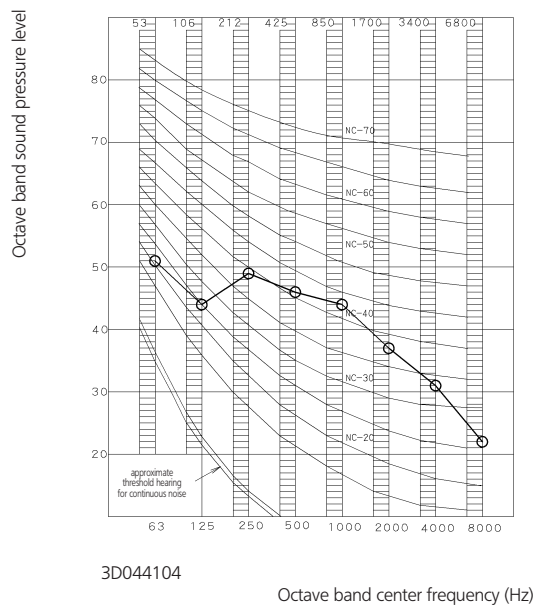
8

8-2

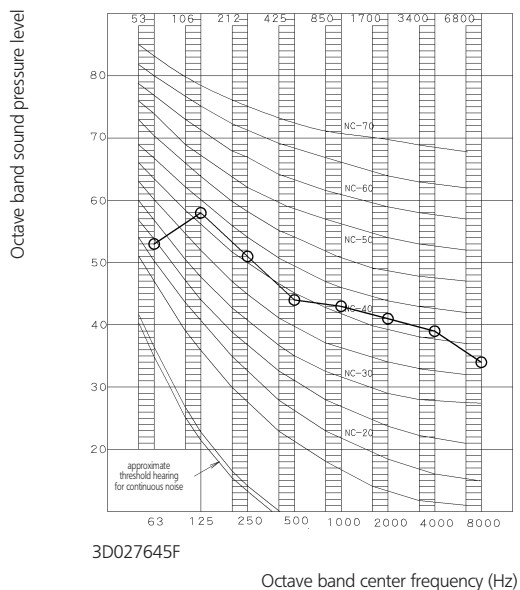
RXS35C (Cooling)



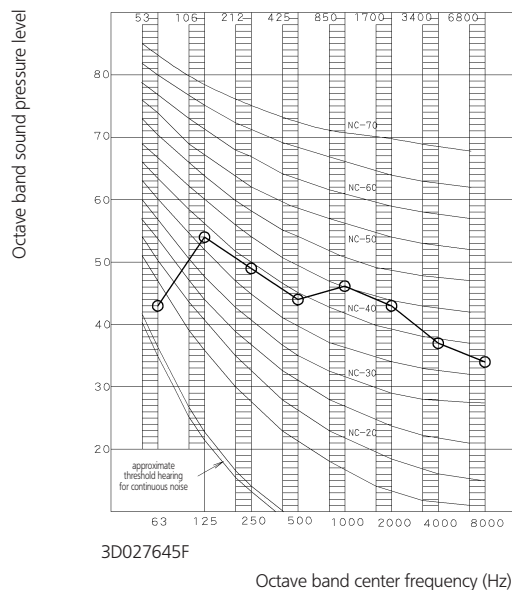
RXS35C (Heating)



RXS50B (Cooling)

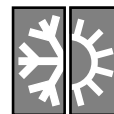


RXS50B (Heating)



NOTES

- 1 Operation sound is measured in an anechoic chamber.
- 2 Operation sound level differs with operation and ambient conditions.
- 3 Reference acoustic pressure 0dB = 20μPa



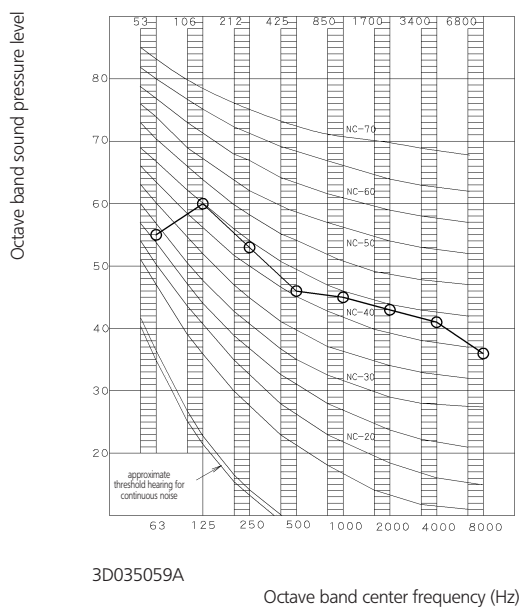
8 Sound level

8-2 Sound pressure spectrum

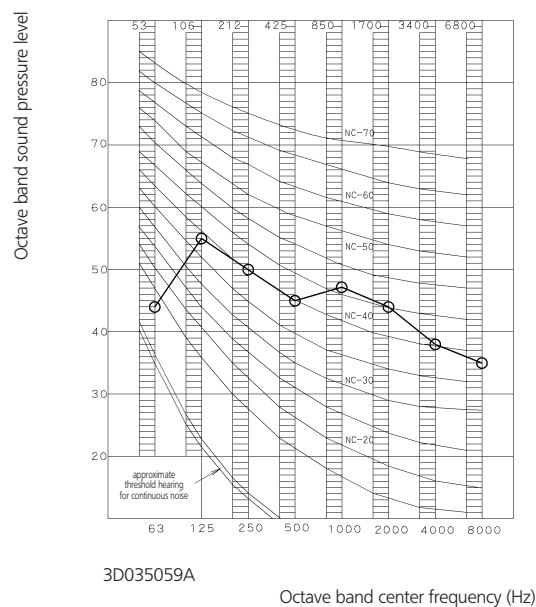
8

8-2

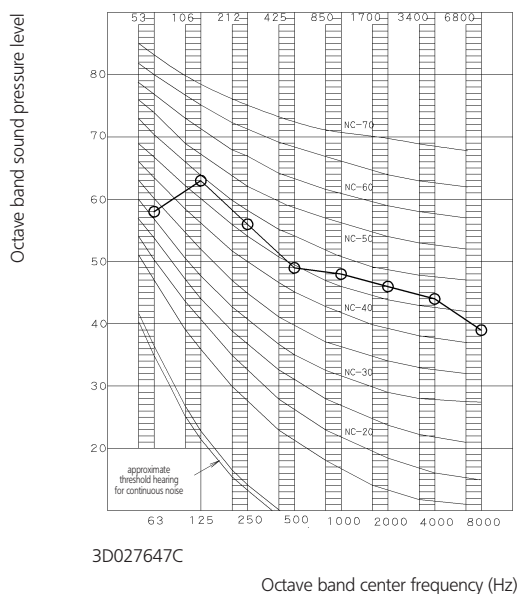
RXS60B (Cooling)



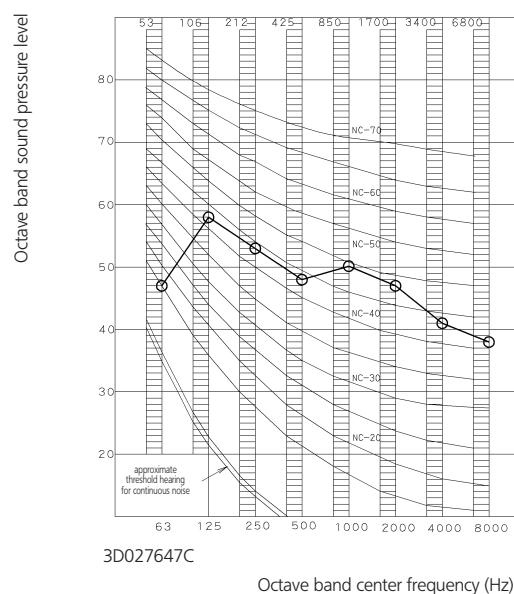
RXS60B (Heating)



RXS71B (Cooling)



RXS71B (Heating)



Legend

○—○ 50/60Hz, 220-240/220-230V

NOTES

- 1 Operation sound is measured in an anechoic chamber.
- 2 Operation sound level differs with operation and ambient conditions.
- 3 Reference acoustic pressure 0dB = 20μPa



9 Accessories

9-1 Standard accessories

9
9-1

RXS-C/B

Accessories supplied with the outdoor unit:			
(A) Installation manual	1	(B) Drain plug (Heat pump models) 	1
There is on the bottom packing case.			

9-2 Optional accessories

RXS-C/B

	RXS20CVMB	RXS25CVMB	RXS35CVMB	RXS50BVMB	RXS60BVMB	RXS71BVMB
Air direction adjustment grille	KPW937A4			KPW945A4		



10 Installation

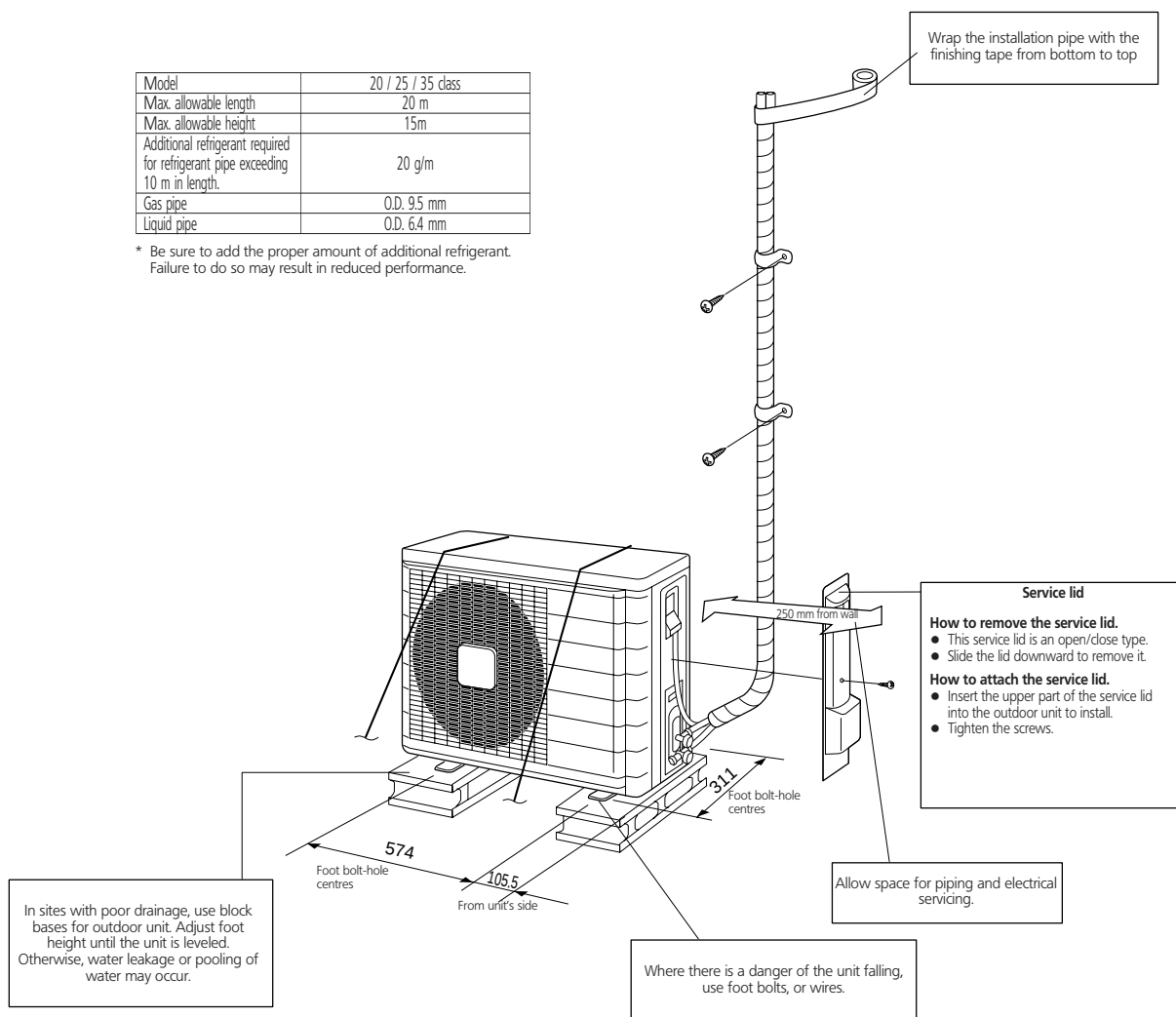
10

RXS20,25,35C

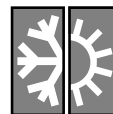
Outdoor unit installation drawings

Model	20 / 25 / 35 class
Max. allowable length	20 m
Max. allowable height	15m
Additional refrigerant required for refrigerant pipe exceeding 10 m in length.	20 g/m
Gas pipe	O.D. 9.5 mm
Liquid pipe	O.D. 6.4 mm

* Be sure to add the proper amount of additional refrigerant. Failure to do so may result in reduced performance.



unit (mm)



10 Installation

10

RXS50,60,71B

Outdoor unit installation drawings

Model	50 class	60 class	71 class
Max. allowable length	30m		
Max. allowable height	20m		
Additional refrigerant required for refrigerant pipe exceeding 10 m in length.	20 g/m		
Gas pipe	O.D. 12.7 mm		O.D. 9.5 mm
Liquid pipe	O.D. 6.4 mm		

* Be sure to add the proper amount of additional refrigerant. Failure to do so may result in reduced performance.

