



Air Conditioning

Technical Data



EEDEN14-100

RXS-L

TABLE OF CONTENTS

RXS-L

1	Features	2
2	Specifications	3
	Nominal Capacity And Nominal Input	3
	Nominal Capacity And Nominal Input	3
	Nominal Capacity And Nominal Input	4
	Nominal Capacity And Nominal Input	5
	Nominal Capacity And Nominal Input	6
	Nominal Capacity And Nominal Input	7
	Nominal Capacity And Nominal Input	8
	Nominal Capacity And Nominal Input	9
	Nominal Capacity And Nominal Input	10
	Nominal Capacity And Nominal Input	11
	Nominal Capacity And Nominal Input	11
	Technical Specifications	12
	Electrical Specifications	13
3	Electrical data.....	15
4	Capacity tables	22
	Cooling/Heating Capacity Tables	22
5	Dimensional drawings	51
6	Centre of gravity	52
7	Piping diagrams	54
8	Wiring diagrams	56
	Wiring Diagrams - Single Phase	56
9	Sound data.....	58
	Sound Pressure Spectrum - Cooling	58
	Sound Pressure Spectrum - Heating	60
10	Operation range	62

1 Features

- Optimised heating solution for your home
- Energy saving during standby mode: reduces current consumption by about 80% when operating in standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.
- Outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the outdoor unit by 3dBA to ensure a quiet environment for the neighbourhood.
- Outdoor units for pair application
- Daikin outdoor units are neat, sturdy and can easily be mounted 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
- Anti-corrosion treated outdoor heat exchanger fin



Inverter



Energy saving during standby mode



Powerful mode



Auto cooling-heating changeover



Outdoor unit silent operation

2 Specifications

2-1 Nominal Capacity And Nominal Input				FTXS20K/RXS20L	FTXS25K/RXS25L	FTXS35K/RXS35L	FTXS42K/RXS42L	FTXS50K/RXS50L
Cooling capacity	Min.		kW	1.3		1.4	1.7	
			Btu/h	4,400		4,800	5,800	
			kcal/h	1,120		1,200	1,460	
	Nom.		kW	2.00	2.5	3.5	4.20	5.00
			Btu/h	6,800	8,500	11,900	14,300	17,100
			kcal/h	1,720	2,150	3,010	3,610	4,300
	Max.		kW	2.8	3.2	4.0	5.0	5.3
			Btu/h	9,600	10,900	13,600	17,100	18,100
			kcal/h	2,410	2,750	3,440	4,300	4,560
Heating capacity	Min.		kW	1.3		1.4	1.7	
			Btu/h	4,400		4,800	5,800	
			kcal/h	1,120		1,200	1,460	
	Nom.		kW	2.5	2.8	4.00	5.40	5.80
			Btu/h	8,500	9,600	13,600	18,400	19,800
			kcal/h	2,150	2,410	3,440	4,640	4,990
	Max.		kW	4.3	4.7	5.2	6.0	6.5
			Btu/h	14,700	16,000	17,700	20,500	22,200
			kcal/h	3,700	4,040	4,470	5,160	5,590
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++				
		Pdesign	kW	2.00	2.50	3.50	4.20	5.00
		SEER		7.40	7.90	7.47	6.80	
		Annual energy consumption	kWh	95	111	164	216	257
	Heating (Average climate)	Energy label		A++			A+	
		Pdesign	kW	2.30	2.50	3.60	4.00	4.60
		SCOP		4.77	4.78	4.85	4.20	
		Annual energy consumption	kWh	675	732	1,039	1,334	1,535
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			4.65	4.39	4.07	3.56	3.55
	COP			4.72	4.67	4.76	4.12	4.00
	Annual energy consumption		kWh	215	285	430	590	705
	Energy label	Cooling		A				
		Heating		A				
Piping connections	Liquid	OD	mm	6				
	Gas	OD	mm	9.5				12.7
	Drain	OD	mm	18				
	Heat insulation			Both liquid and gas pipes				
Current	Nominal running current (RLA) - 50Hz	Cooling	A	2.4 (2) / 2.3 (3) / 2.2 (4)	3.2 (2) / 3.1 (3) / 3.0 (4)	4.3 (2) / 4.1 (3) / 3.9 (4)	6.0 (2) / 5.7 (3) / 5.5 (4)	6.6 (2) / 6.3 (3) / 6.0 (4)
		Heating	A	2.8 (2) / 2.7 (3) / 2.6 (4)	3.3 (2) / 3.2 (3) / 3.1 (4)	4.3 (2) / 4.1 (3) / 3.9 (4)	6.6 (2) / 6.3 (3) / 6.0 (4)	6.8 (2) / 6.5 (3) / 6.2 (4)

Notes

- (1) EER/COP according to Eurovent 2012, for use outside EU only
- (2) 220V
- (3) 230V
- (4) 240V

2-2 Nominal Capacity And Nominal Input				FTXS60G/RXS60L				
Cooling capacity	Min.		kW	1.7				
			Btu/h	5,800				
			kcal/h	1,460				
	Nom.		kW	6.0				
			Btu/h	20,500				
			kcal/h	5,160				
	Max.		kW	6.7				
			Btu/h	22,900				
			kcal/h	5,760				

2 Specifications

2

2-2 Nominal Capacity And Nominal Input				FTXS60G/RXS60L	
Heating capacity	Min.		kW	1.7	
			Btu/h	5,800	
			kcal/h	1,460	
	Nom.		kW	7.0	
			Btu/h	23,900	
			kcal/h	6,020	
	Max.		kW	8.0	
			Btu/h	27,300	
			kcal/h	6,880	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A	
		Pdesign	kW	6.00	
		SEER		5.58	
		Annual energy consumption	kWh	376	
	Heating (Average climate)	Energy label		A	
		Pdesign	kW	4.80	
		SCOP		3.89	
		Annual energy consumption	kWh	1,728	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.02	
	COP			3.43	
	Annual energy consumption		kWh	995	
	Energy label	Cooling		B	
		Heating		B	
Piping connections	Liquid	OD	mm	6	
	Gas	OD	mm	12.7	
	Drain	OD	mm	18	
	Heat insulation			Both liquid and gas pipes	
Current	Nominal running current (RLA) - 50Hz	Cooling	A	9.2 (2) / 8.8 (3) / 8.4 (4)	
		Heating	A	9.4 (2) / 9.0 (3) / 8.6 (4)	

Notes

- (1) EER/COP according to Eurovent 2012, for use outside EU only
 (2) 220V
 (3) 230V
 (4) 240V

2-3 Nominal Capacity And Nominal Input				FVXS25F/RXS25L	FVXS35F/RXS35L	FVXS50F/RXS50L
Cooling capacity	Min.		kW	1.3	1.4	
			Btu/h	4,400	4,800	
			kcal/h	1,120	1,200	
	Nom.		kW	2.5	3.5	5.0
			Btu/h	8,500	11,900	17,100
			kcal/h	2,150	3,010	4,300
	Max.		kW	3.0	3.8	5.6
			Btu/h	10,200	13,000	19,100.0
			kcal/h	2,580	3,270	4,820.0
Heating capacity	Min.		kW	1.3	1.4	
			Btu/h	4,400	4,800	
			kcal/h	1,120	1,200	
	Nom.		kW	3.4	4.5	5.8
			Btu/h	11,600	15,400	19,800
			kcal/h	2,920	3,870	4,990
	Max.		kW	4.5	5.0	8.1
			Btu/h	15,400	17,100	27,600
			kcal/h	3,870	4,300	6,970

4

2 Specifications

2-3 Nominal Capacity And Nominal Input				FVXS25F/RXS25L	FVXS35F/RXS35L	FVXS50F/RXS50L
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+		
		Pdesign	kW	2.50	3.50	5.00
		SEER		5.74	5.60	5.89
		Annual energy consumption	kWh	152	219	297
	Heating (Average climate)	Energy label		A+	A	
		Pdesign	kW	2.60	2.90	4.20
		SCOP		4.56	3.93	3.80
		Annual energy consumption	kWh	798	1,033	1,546
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			4.39	3.43	3.23
	COP			4.42	3.78	3.63
	Annual energy consumption		kWh	285	510	775
	Energy label	Cooling		A		
		Heating		A		
Piping connections	Liquid	OD	mm	6		6.35
	Gas	OD	mm	9.5		12.7
	Drain	OD	mm	20		
	Heat insulation			Both liquid and gas pipes		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	3.5 (2) / 3.3 (3) / 3.2 (4)	4.9 (2) / 4.7 (3) / 4.5 (4)	7.2 (2) / 6.8 (3) / 6.6 (4)
		Heating	A	4.5 (2) / 4.3 (3) / 4.1 (4)	5.9 (2) / 5.6 (3) / 5.4 (4)	7.3 (2) / 7.0 (3) / 6.7 (4)

Notes

- (1) EER/COP according to Eurovent 2012, for use outside EU only
- (2) 220V
- (3) 230V
- (4) 240V
- (5) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m
- (6) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m

2-4 Nominal Capacity And Nominal Input				FLXS25B/RXS25L	FLXS50B/RXS50L
Cooling capacity	Min.		kW	1.2	0.9
			Btu/h	4,100	3,070
			kcal/h	1,030	770
	Nom.		kW	2.5	4.9
			Btu/h	8,500	16,730
			kcal/h	2,150	4,210
	Max.		kW	3.0	5.3
			Btu/h	10,200	18,090
			kcal/h	2,580	4,560
Heating capacity	Min.		kW	1.2	0.9
			Btu/h	4,100	3,070
			kcal/h	1,030	770
	Nom.		kW	3.4	6.1
			Btu/h	11,600	20,830
			kcal/h	2,920	5,250
	Max.		kW	4.5	7.5
			Btu/h	15,400	18,090
			kcal/h	3,870	6,450

2 Specifications

2-4 Nominal Capacity And Nominal Input				FLXS25B/RXS25L	FLXS50B/RXS50L
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A	
		Pdesign	kW	2.50	4.90
		SEER		5.19	5.25
		Annual energy consumption	kWh	169	326
	Heating (Average climate)	Energy label		A	
		Pdesign	kW	2.50	4.20
		SCOP		3.80	
		Annual energy consumption	kWh	921	1,546
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.85	2.85
	COP			3.54	3.35
	Annual energy consumption		kWh	325	860
	Energy label	Cooling		A	C
		Heating		B	C
Piping connections	Liquid	OD	mm	6.35	
	Gas	OD	mm	9.5	12.7
	Drain	OD	mm	18.0	20
	Heat insulation			Both liquid and gas pipes	
Current	Nominal running current (RLA) - 50Hz	Cooling	A	3.7 (2) / 3.6 (3) / 3.4 (4)	8.0 (2) / 7.6 (3) / 7.3 (4)
		Heating	A	4.7 (2) / 4.5 (3) / 4.3 (4)	8.4 (2) / 8.0 (3) / 7.7 (4)

Notes

- (1) EER/COP according to Eurovent 2012, for use outside EU only
 (2) 220V
 (3) 230V
 (4) 240V
 (5) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m
 (6) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m

2-5 Nominal Capacity And Nominal Input				FLXS35B9/RXS35L	
Cooling capacity	Min.		kW	1.2	
			Btu/h	4,100	
			kcal/h	1,030	
	Nom.		kW	3.5	
			Btu/h	11,900	
			kcal/h	3,010	
	Max.		kW	3.8	
			Btu/h	13,000	
			kcal/h	3,270	
Heating capacity	Min.		kW	1.4	
			Btu/h	4,100	
			kcal/h	1,030	
	Nom.		kW	4.0	
			Btu/h	13,600	
			kcal/h	3,440	
	Max.		kW	5.0	
			Btu/h	17,100	
			kcal/h	4,300	

2 Specifications

2-5 Nominal Capacity And Nominal Input				FLXS35B9/RXS35L	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		B	
		Pdesign	kW	3.50	
		SEER		4.87	
		Annual energy consumption	kWh	252	
	Heating (Average climate)	Energy label		A	
		Pdesign	kW	2.90	
		SCOP		3.80	
		Annual energy consumption	kWh	1,068	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.10	
	COP			3.57	
	Annual energy consumption		kWh	565	
	Energy label	Cooling		B	
		Heating		B	
Piping connections	Liquid	OD	mm	6.35	
	Gas	OD	mm	9.5	
	Drain	OD	mm	18.0	
	Heat insulation			Both liquid and gas pipes	
Current	Nominal running current (RLA) - 50Hz	Cooling	A	5.3 (2) / 5.1 (3) / 4.9 (4)	
		Heating	A	5.6 (2) / 5.3 (3) / 5.1 (4)	

Notes

- (1) EER/COP according to Eurovent 2012, for use outside EU only
- (2) 220V
- (3) 230V
- (4) 240V
- (5) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m
- (6) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m

2-6 Nominal Capacity And Nominal Input				FDXS25F/RXS25L	FDXS35F/RXS35L	FDXS60F/RXS60L
Cooling capacity	Min.		kW	1.3	1.4	1.7
			Btu/h	4,400	4,800	5,800
			kcal/h	1,110	1,200	1,460
	Nom.		kW	2.4	3.4	6.0
			Btu/h	8,150	11,500	20,500
			kcal/h	2,060	2,920	5,160
	Max.		kW	3.0	3.8	6.5
			Btu/h	10,200	13,000	22,200
			kcal/h	2,580	3,260	5,590
Heating capacity	Min.		kW	1.3	1.4	1.7
			Btu/h	4,400	4,800	5,800
			kcal/h	1,110	1,200	1,460
	Nom.		kW	3.2	4.0	7.0
			Btu/h	10,900	13,600	23,900
			kcal/h	2,750	3,440	6,020
	Max.		kW	4.5	5.0	8.0
			Btu/h	15,350	17,100	27,300
			kcal/h	3,870	4,300	6,880

2 Specifications

2-6 Nominal Capacity And Nominal Input				FDXS25F/RXS25L	FDXS35F/RXS35L	FDXS60F/RXS60L
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+	A	
		Pdesign	kW	2.40	3.40	6.00
		SEER		5.63	5.21	5.51
		Annual energy consumption	kWh	149	228	381
	Heating (Average climate)	Energy label		A+	A	
		Pdesign	kW	2.60	2.90	4.60
		SCOP		4.24	3.88	3.80
		Annual energy consumption	kWh	858	1,047	1,693
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.69	3.21	2.91
	COP			4.00	3.48	3.21
	Annual energy consumption		kWh	325	530	1,030
	Energy label	Cooling		A		C
		Heating		A	B	C
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.5		12.7
	Drain	OD	mm	VP20 (External dia. 26 / Internal dia. 20)		
	Heat insulation			Both liquid and gas pipes		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	3.9 (2)	4.9 (2)	9.2 (2)
		Heating	A	4.2 (2)	5.4 (2)	10.0 (2)

Notes

- (1) EER/COP according to Eurovent 2012, for use outside EU only
 (2) 230V

2-7 Nominal Capacity And Nominal Input				FDXS50F9/RXS50L	
Cooling capacity	Min.		kW	1.7	
			Btu/h	5,800	
			kcal/h	1,460	
	Nom.		kW	5.0	
			Btu/h	17,100	
			kcal/h	4,300	
	Max.		kW	5.3	
			Btu/h	18,100	
			kcal/h	4,560	
Heating capacity	Min.		kW	1.7	
			Btu/h	5,800	
			kcal/h	1,460	
	Nom.		kW	5.8	
			Btu/h	19,800	
			kcal/h	4,990	
	Max.		kW	6.0	
			Btu/h	20,500	
			kcal/h	5,160	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+	
		Pdesign	kW	5.00	
		SEER		5.72	
		Annual energy consumption	kWh	306	
	Heating (Average climate)	Energy label		A	
		Pdesign	kW	4.00	
		SCOP		3.93	
		Annual energy consumption	kWh	1,425	

2 Specifications

2-7 Nominal Capacity And Nominal Input				FDXS50F9/RXS50L	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.03	
	COP			3.10	
	Annual energy consumption		kWh	825	
	Energy label	Cooling		B	
		Heating		D	
Piping connections	Liquid	OD	mm	6.35	
	Gas	OD	mm	12.7	
	Drain	OD	mm	VP20 (External dia.26 / Internal dia. 20)	
	Heat insulation			Both liquid and gas pipes	
Current	Nominal running current (RLA) - 50Hz	Cooling	A	7.1 (2)	
		Heating	A	8.3 (2)	

Notes

(1) EER/COP according to Eurovent 2012, for use outside EU only

(2) 230V

2-8 Nominal Capacity And Nominal Input				FCQG35F/RXS35L	FCQG50F/RXS50L	FCQG60F/RXS60L
Cooling capacity	Min.		kW	1.3	1.7	
			Btu/h	4,430	5,800	
			kcal/h	1,220	1,460	
	Nom.		kW	3.4	5.0	5.7
			Btu/h	11,590	17,060	19,450
			kcal/h	2,920	4,300	4,900
	Max.		kW	4.0	5.3	5.7
			Btu/h	13,640	18,100	19,450
			kcal/h	3,440	4,560	4,900
Heating capacity	Min.		kW	1.3	1.7	
			Btu/h	4,430	5,800	
			kcal/h	1,120	1,460	
	Nom.		kW	4.20	6.00	7.0
			Btu/h	1,430	20,472	23,890
			kcal/h	3,610	5,160	6,020
	Max.		kW	5.2	6.0	7.0
			Btu/h	17,730	20,500	23,890
			kcal/h	4,470.0	5,160	6,020
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		
		Pdesign	kW	3.50	5.00	5.70
		SEER		6.35	6.48	6.22
		Annual energy consumption	kWh	193	270	321
	Heating (Average climate)	Energy label		A++		
		Pdesign	kW	3.32	4.36	4.71
		SCOP		4.90	4.29	4.00
		Annual energy consumption	kWh	949	1,426	1,646
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.58	3.55	3.48
	COP			3.50	3.7	3.52
	Annual energy consumption		kWh	475	705	820
	Energy label	Cooling		A		
		Heating		B	A	B
Piping connections	Liquid	OD	mm	6		
	Gas	OD	mm	9.5	12.70	
	Drain	OD	mm	VP25 (External dia.32 / internal dia. 25)		
	Heat insulation			Both liquid and gas pipes		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	4.2 (1) / 4.0 (2) / 3.8 (3)	6.6 (1) / 6.3 (2) / 6.0 (3)	7.8 (1) / 7.4 (2) / 7.0 (3)
		Heating	A	5.4 / 5.1 / 4.9	7.6 (1) / 7.3 (2) / 6.9 (3)	9.3 (1) / 8.9 (2) / 8.5 (3)

2 Specifications

Notes

- (1) 220V
- (2) 230V
- (3) 240V
- (4) EER/COP according to Eurovent 2012, for use outside EU only

2

2-9 Nominal Capacity And Nominal Input				FFQ25C/RXS25L	FFQ35C/RXS35L	FFQ50C/RXS50L	FFQ60C/RXS60L
Cooling capacity	Min.		kW	1.4		1.7	
			Btu/h	4,770		5,800	
			kcal/h	1,200		1,460	
	Nom.		kW	2.50	3.4	5.0	5.7
			Btu/h	8,530	11,590	17,060	19,450
			kcal/h	2,150	2,920	4,300	4,900
	Max.		kW	4.0		5.3	6.5
			Btu/h	13,640	13,640.0	18,100	22,200
			kcal/h	3,440	3,440.0	4,560	5,590
Heating capacity	Min.		kW	1.3		1.7	
			Btu/h	4,430	4,430.0	5,800	
			kcal/h	1,120	1,120.0	1,460	
	Nom.		kW	3.20	4.20	5.8	7.0
			Btu/h	10,920	14,320	19,790	23,900
			kcal/h	2,750	3,610	4,990	6,020
	Max.		kW	5.1		6.0	8.0
			Btu/h	17,390		20,500.0	27,300
			kcal/h	4,380		5,160.0	6,880
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		A+	
		Pdesign	kW	2.50	3.40	5.00	5.70
		SEER		6.11	6.32	5.93	5.71
		Annual energy consumption	kWh	143	188	295	349
	Heating (Average climate)	Energy label		A+		A	A+
		Pdesign	kW	2.31	3.10	3.84	3.96
		SCOP		4.24	4.10	3.90	4.04
		Annual energy consumption	kWh	763	1,059	1,378	1,373
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			4.46	3.70	3.21	3.02
	COP			3.90	3.50	3.49	3.41
	Annual energy consumption		kWh	280	460	780	945
	Energy label	Cooling			A		B
		Heating			A	B	
Piping connections	Liquid	OD	mm	6		6.35	6
	Gas	OD	mm	9.5		12.7	
	Drain	OD	mm	VP20 (External dia.26 / Internal dia. 20)			
	Heat insulation			Both liquid and gas pipes			
Current	Nominal running current (RLA) - 50Hz	Cooling	A	4.2 (2) / 4.0 (3) / 3.8 (4)		7.2 (2) / 6.9 (3) / 6.6 (4)	8.6 (2) / 8.3 (3) / 8.0 (4)
		Heating	A	5.6 (2) / 5.4 (3) / 5.1 (4)		7.6 (2) / 7.3 (3) / 7.0 (4)	9.3 (2) / 9.0 (3) / 8.7 (4)

Notes

- (1) EER/COP according to Eurovent 2012, for use outside EU only
- (2) 220V
- (3) 230V
- (4) 240V

2 Specifications

2-10 Nominal Capacity And Nominal Input				FBQ35C8/RXS35L	FBQ50C8/RXS50L	FBQ60C8/RXS60L
Cooling capacity	Min.		kW	1.4	1.7	
			Btu/h	4,770	5,800	
			kcal/h	1,200	1,460	
	Nom.		kW	3.40	5.0	5.7
			Btu/h	11,590	17,060	19,450
			kcal/h	2,920	4,300	4,900.0
	Max.		kW	3.9	5.3	6.5
			Btu/h	13,300	18,100	22,200
			kcal/h	3,350	4,560	5,590
Heating capacity	Min.		kW	1.3	1.7	
			Btu/h	4,430	5,800	
			kcal/h	1,120	1,460	
	Nom.		kW	4.00	5.5	7.0
			Btu/h	13,640	18,766	23,900
			kcal/h	3,440	4,730	6,020
	Max.		kW	5.0	6.0	8.0
			Btu/h	17,050	20,500	27,300
			kcal/h	4,300	5,160	6,880
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+		
		Pdesign	kW	3.50	4.90	5.70
		SEER		5.97	5.85	5.72
		Annual energy consumption	kWh	205	293	349
	Heating (Average climate)	Energy label		A+	A	
		Pdesign	kW	2.90	4.35	4.60
		SCOP		3.93	3.85	3.80
		Annual energy consumption	kWh	1,033	1,584	1,693
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.21	3.03	3.26
	COP			3.60	3.42	3.41
	Annual energy consumption		kWh	530	825	875
	Energy label	Cooling		A	B	A
		Heating		A	B	
Piping connections	Liquid	OD	mm	6		
	Gas	OD	mm	9.5	12.7	
	Drain	OD	mm	VP25 (External dia.32 / internal dia. 25)		
	Heat insulation			Both liquid and gas pipes		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	4.8 (2) / 4.6 (3) / 4.4 (4)	7.2 (3)	9.2 (3)
		Heating	A	5.2 (2) / 5.0 (3) / 4.8 (4)	8.5 (3)	10.0 (3)

Notes

- (1) EER/COP according to Eurovent 2012, for use outside EU only
- (2) 220V
- (3) 230V
- (4) 240V

2-11 Nominal Capacity And Nominal Input				FHQ35C/RXS35L	FHQ50C/RXS50L	FHQ60C/RXS60L
Cooling capacity	Min.		kW	1.4	1.7	
			Btu/h	4,770	5,800	
			kcal/h	1,200	1,460	
	Nom.		kW	3.40	5.0	5.7
			Btu/h	11,590	17,060	19,450
			kcal/h	2,920	4,300	4,900
	Max.		kW	4.0	5.3	5.7
			Btu/h	13,640	18,100	19,450
			kcal/h	3,440	4,560	4,900

2 Specifications

2

2-11 Nominal Capacity And Nominal Input				FHQ35C/RXS35L	FHQ50C/RXS50L	FHQ60C/RXS60L
Heating capacity	Min.		kW	1.3	1.7	
			Btu/h	4,430.0	5,800	
			kcal/h	1,120.0	1,460	
	Nom.		kW	4.00	6.0	7.20
			Btu/h	13,640	20,472	24,570
			kcal/h	3,440	5,160	6,190
	Max.		kW	5.1	6.0	7.2
			Btu/h	17,390	20,500	24,570
			kcal/h	4,380	5,160	6,190
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++	A+	
		Pdesign	kW	3.40	5.00	5.70
		SEER		6.18	5.87	6.02
		Annual energy consumption	kWh	193	298	332
	Heating (Average climate)	Energy label		A+	A	
		Pdesign	kW	3.10	4.35	4.71
		SCOP		4.43	3.86	3.87
		Annual energy consumption	kWh	981	1,578	1,705
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.58	3.18	3.26
	COP			4.08	3.35	3.32
	Annual energy consumption		kWh	475	785	875
	Energy label	Cooling		A	B	A
		Heating		A	C	
Piping connections	Liquid	OD	mm	6		
	Gas	OD	mm	9.5	12.7	
	Drain	OD	mm	VP20	VP20 (External dia.26 / Internal dia. 20)	
	Heat insulation			Both liquid and gas pipes		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	4.3 (2) / 4.1 (3) / 4.0 (4)	7.5 (2) / 7.3 (3) / 7.0 (4)	8.1 (2) / 7.8 (3) / 7.5 (4)
		Heating	A	4.6 (2) / 4.4 (3) / 4.2 (4)	8.3 (2) / 8.0 (3) / 7.7 (4)	9.9 (2) / 9.6 (3) / 9.3 (4)

Notes

- (1) EER/COP according to Eurovent 2012, for use outside EU only
 (2) 220V
 (3) 230V
 (4) 240V

2-12 Technical Specifications				RXS20L	RXS25L	RXS35L	RXS42L	RXS50L	RXS60L
Capacity control	Method			Inverter controlled					
Casing	Colour			Ivory white					
Dimensions	Unit	Height	mm	550				735	
		Width	mm	765				825	
		Depth	mm	285				300	
	Packed unit	Height	mm	612				797	
		Width	mm	906				992	960
		Depth	mm	364				390	
Weight	Unit		kg	34			39	47	48
	Packed unit		kg	38			45	52	53
Packing	Weight		kg	4	-	6	-		
Heat exchanger	Length		mm	805		810	845		
	Rows	Quantity		2					
	Fin pitch		mm	1.4			1.5	1.8	
	Stages	Quantity		24				32	
	Tube type			ø7 Hi-XD			ø8 Hi-XD	ø8 Hi-XA	
	Fin	Type		Waffle louvered fin			Precoat Fin		Waffle louvered fin

2 Specifications

2-12 Technical Specifications					RXS20L	RXS25L	RXS35L	RXS42L	RXS50L	RXS60L	
Compressor	Model				1YC23APXDC			2YC36BXD#C			
	Type				Hermetically sealed swing compressor						
	Output		W		600			1,100			
Fan	Type				Propeller fan						
	Air flow rate	Cooling	High	m³/min	33.5		36.0		37.3	50.9	50.2
				cfm	1,183		1,271		1,317	1,797	1,798
			Super low	m³/min	30.1			30.6		48.9	45.0
				cfm	1,063			1,080		1,727	1,589
		Heating	High	m³/min	28.3			31.3		45.0	46.3
				cfm	999			1,105		1,589	1,635
			Super low	m³/min	25.6			27.2		43.1	46.3
				cfm	904			960		1,522	1,635
Fan motor	Model				ARS6401DA		ARS6402DA		D50R-28	KFD-380-50-8D	
	Output			W	23			50		53	
	Speed	Cooling	High	rpm	860		920		890	780	860
				Super low	rpm	780			790		670
		Heating	High	rpm	860			890		720	740
				Low	rpm	-					
			Super low	rpm	740			780		670	-
Sound power level			Cooling			dBA	59		61		62
	Heating			dBA	58	59	61		62		
Sound pressure level	Cooling	High		dBA	46		48			49	
		Low		dBA	-				44		46
		Silent operation		dBA	43		44		-		
	Heating	High		dBA	47		48			49	
		Low		dBA	-				45		46
		Silent operation		dBA	44		45		-		
Operation range	Cooling	Ambien t	Min.	°CDB	-10						
			Max.	°CDB	46						
	Heating	Ambien t	Min.	°CWB	-15						
			Max.	°CWB	18						
Refrigerant	Type				R-410A						
	Charge			kg	1.0		1.20		1.3	1.7	1.5
	GWP				1,975						
Refrigerant oil	Type				FVC50K						
	Charged volume			l	0.375			0.650			
Piping connections	Liquid	OD		mm	-		6.35		-	6.35	
	Gas	OD		mm	-		9.5		-	12.7	
	Drain	ID		mm	-						
		OD		mm	-		18.0		-	18	VP20(External dia.26 / Internal dia. 20)
	Piping length	OU - IU	Max.	m	-		20		-	30	
	Additional refrigerant charge			kg/m	-		0.020 (for piping length exceeding 10m)		-	0.020 (for piping length exceeding 10m)	
	Level difference	IU - OU	Max.	m	-		15		-	20.0	
	Heat insulation				-		Both liquid and gas pipes		-	Both liquid and gas pipes	

2 Specifications

2-13 Electrical Specifications				RXS20L	RXS25L	RXS35L	RXS42L	RXS50L	RXS60L
Current	Nominal running current (RLA)	Cooling	A	2.21 (2) / 2.12 (3) / 2.03 (4)		4.92 (2) / 4.74 (3) / 4.55 (4)	5.89 (2) / 5.59 (3) / 5.39 (4)	6.48 (1) / 6.18 (2) / 5.89 (3)	8.66 (1)
		Heating	A	2.61 (2) / 2.52 (3) / 2.43 (4)		5.19 (2) / 4.96 (3) / 4.75 (4)	6.46 (2) / 6.16 (3) / 5.87 (4)	6.65 / 6.36 / 6.06	9.46 (1)
	Starting current	Cooling	A	2.4	3.3	5.8	6.6	6.8	10.2
		Heating	A	2.4	3.3	5.8	6.6	6.8	10.2
Current - 50Hz	Maximum fuse amps (MFA)		A	-					
Current - 60Hz	Maximum fuse amps (MFA)		A	-					
Wiring connections	For power supply	Quantity		-		3	-	3	
	For connection with indoor	Quantity		-		4	-	4	

Notes

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

3 Electrical data

3 - 1 Electrical Data

RXS20L

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS20K2V1B	RXS20L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	8	10	35	2.3	23	0.24	16	0.19
		50 - 230					2.2		0.23		0.18
		50 - 240					2.1		0.22		0.17

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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	: Fan Motor Rated Output (W)

NOTES

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

RXS25L

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FVXS25FV1B	RXS25L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	48	2.93	23	0.23	48	0.05
		50 - 230					2.80				
		50 - 240					2.68				
FLXS25BAVMB	RXS25L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	50	2.61	23	0.23	34	0.34
		50 - 230					2.50				
		50 - 240					2.40				
FTXS25K2V1B	RXS25L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	8	10	47	2.82	23	0.24	16	0.19
		50 - 230					2.70		0.23		0.18
		50 - 240					2.59		0.22		0.17
FDXS25F2VEB	RXS25L2V1B	50 - 220	Max. 50Hz 253V Min. 50Hz 207V	12	16	54	4.29	31	0.20	34	0.30
		50 - 230					4.10				
		50 - 240					3.93				

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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	: Fan Motor Rated Output (W)

NOTES

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

3 Electrical data

3 - 1 Electrical Data

3

RXS25-35,50-60L

Unit combination		Power supply				Compressor	OFM		IFM		
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RLA	kW	FLA	kW	FLA	
FFQ25C2VEB	RXS25L2V1B	50 - 220	Max.50Hz 264V Min. 50Hz 198V	9.75	10	2.6	0.023	0.23	0.050	0.3	
		50 - 230				2.5					
		50 - 240				2.3					
FFQ35C2VEB	RXS35L2V1B	50 - 220		50 - 230 50 - 240	9.75	10	4.8	0.023	0.23	0.050	0.4
		50 - 230					4.6				
		50 - 240					4.4				
FFQ50C2VEB	RXS50L2V1B	50 - 220		50 - 230 50 - 240	19.75	20	6.5	0.053	0.27	0.050	0.4
		50 - 230					6.2				
		50 - 240					5.9				
FFQ60C2VEB	RXS60L2V1B	50 - 220		50 - 230 50 - 240	19.75	20	8.0	0.053	0.32	0.050	0.6
		50 - 230					7.7				
		50 - 240					7.4				

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SYMBOLS

MCA : Min. Circuit Amps
MFA : Max. Fuse Amps (See note 6)
RLA : Rated Load Amps
OFM : Outdoor fan motor
IFM : Indoor Fan Motor
FLA : Full Load Amps
kW : Fan Motor Rated Output

NOTES

1. RLA is based on the following conditions:
Indoor temp.: 27°CDB/19.0°CWB
Outdoor temp.: 35°CDB
2. Voltage range
Units are suitable for use on electrical systems where the voltage supplied to the unit terminals is not below or above the listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA/MFA
 $MCA = 1.25 \times RLA + \text{all FLA}$, $MFA = < 2.25 \times RLA + \text{all FLA}$ (next lower standard fuse rating Min. 16A)
5. Select wire size based on the larger value of MCA.
6. Instead of fuse, use circuit breaker.

RXS35L

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FVXS35FV1B	RXS35L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	76	4.81	23	0.23	48	0.05
		50 - 230					4.60				
		50 - 240					4.41				
FLXS35BAVMB9	RXS35L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	82	4.50	23	0.23	34	0.38
		50 - 230					4.30				
		50 - 240					4.12				
FTXS35K2V1B	RXS35L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	8.8	10	66	3.76	23	0.23	23	0.15
		50 - 230					3.60				
		50 - 240					3.45				
FDXS35K2V1B	RXS35L2V1B	50 - 230	Max. 50Hz 253V Min. 50Hz 207V	12	16	78	5.75	35	0.22	34	0.30
							5.50				
							5.27				
FHQ35CAVEB	RXS35L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	9.75	10	66	4.29	23	0.23	60	0.60
		50 - 230					4.10				
		50 - 240					3.93				
FBQ35C8VEB	RXS35L2V1B	50 - 230	Max. 50Hz 253V Min. 50Hz 207V	15	16	80	4.62	19	0.35	140	1.20
							4.42				
							4.24				

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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 : Fan Motor Rated Output (W)

NOTES

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

3 Electrical data

3 - 1 Electrical Data

RXS35,50-60L

Unit combination		Power supply				Comp.	OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RLA	kW	FLA	kW	FLA
FCQG35FVEB	RXS35L2V1B	50 - 220	Max. 50Hz 253V Min. 50Hz 207V	9.75	10	7.1	0.023	0.23	0.048	0.30
		50 - 230				3.9				
		50 - 240				3.7				
FCQG50FVEB	RXS50L2V1B	50 - 220	Max. 50Hz 253V Min. 50Hz 207V	19.75	20	6.0	0.053	0.27	0.048	0.30
		50 - 230				5.7				
		50 - 240				3.4				
FCQG60FVEB	RXS60L2V1B	50 - 220	Max. 50Hz 253V Min. 50Hz 207V	19.75	20	7.4	0.053	0.19	0.048	0.30
		50 - 230				7.1				
		50 - 240				6.8				

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SYMBOLS

MCA : Min. Circuit Amps
MFA : Max. Fuse Amps (See note 6)
RLA : Rated Load Amps
OFM : Outdoor fan motor
IFM : Indoor Fan Motor
FLA : Full Load Amps
kW : Fan Motor Rated Output

NOTES

1. RLA is based on the following conditions:
Indoor temp.: 27°CDB/19.0°CWB
Outdoor temp.: 35°CDB
2. Voltage range
Units are suitable for use on electrical systems where the voltage supplied to the unit terminals is not below or above the listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA/MFA
 $MCA = 1.25 \times RLA + \text{all FLA}$, $MFA = < 2.25 \times RLA + \text{all FLA}$ (next lower standard fuse rating Min. 16A)
5. Select wire size based on the larger value of MCA.
6. Instead of fuse, use circuit breaker.

RXS42L

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS42K2V1B	RXS42L2V1B	50 - 220	max. 50Hz 264V Min. 50Hz 198V	11.0	20	62	6.0	50	0.23	23	0.15
		50 - 230					5.7				
		50 - 240					5.4				

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SYMBOLS

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

NOTES

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

3 Electrical data

3 - 1 Electrical Data

3

RXS50L

Representative unit combination		Power supply				COMP		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FVXS50FV1B	RXS50L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	19.75	20	69	6.7	53	0.27	48	0.10
		50 - 230					6.3				
		50 - 240					6.1				
FTXS50K2V1B	RXS50L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	15.5	20	65	6.3	53	0.27	23	0.15
		50 - 230					6.0				
		50 - 240					5.7				

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SYMBOLS

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

NOTES

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

RXS50L

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FLXS50BAVMB	RXS50L2V1B	50 - 220 50 - 230 50 - 240	max. 50Hz 264V Min. 50Hz 198V	19.75	20	73	7.1	53	0.27	34	0.54

3D070940C

SYMBOLS

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

NOTES

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

3 Electrical data

3 - 1 Electrical Data

RXS50L

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FDXS50F2VEB9	RXS50L2V1B	50 - 220 50 - 230 50 - 240	Max. 50Hz 264V Min. 50Hz 198V	19.75	20	74	6.8	53	0.27	60	0.5

3D081370B

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	: Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
Indoor temp.: 27°CDB/19°CWB
Outdoor temp.: 35°CDB
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.
5. Be sure to install an earth leak detector. (One that uses an inverter. Which means that it must be used an earth leak detector capable handling high harmonics in order to prevent malfunctioning of the earth leak detector.)

RXS50-60L

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FHQ50CAVEB	RXS50L2V1B	50 - 220 50 - 230 50 - 240	Max. 50Hz 264V Min. 50Hz 198V	19.75	20	69	7.84	53	0.23	60	0.6
							7.50				
							7.19				
FHQ60CAVEB	RXS60L2V1B	50 - 220 50 - 230 50 - 240	Max. 50Hz 264V Min. 50Hz 198V	19.75	20	73	9.24	53	0.27	60	0.6
							8.84				
							8.47				

3D086506

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	: Fan Motor Rated Output (W)

NOTES

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

3 Electrical data

3 - 1 Electrical Data

3

RXS50-60L

Representative unit combination		Power supply				Compressor		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FBQ50C8VEB	RXS50L2V1B	50 - 230	Max. 50Hz 253V Min. 50Hz 207V	18	20	75	7	53	0.18	140	1.2
FBQ60C8VEB	RXS60L2V1B	50 - 230		18	20	91	8.96	53	0.24	350	1.1

3D086445

SYMBOLS

MCA	: Min. Circuit Amps (A)
MFA	: Max. Fuse Amps (See note 4)
RHz	: Rated operating frequency (Hz)
RLA	: Rated Load Amps (A)
OFM	: Outdoor fan motors
IFM	: Indoor Fan Motor
FLA	: Full Load Amps (A)
W	: Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
Indoor temp.: 27°CDB/19°CWB
Outdoor temp.: 35°CDB
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. MFA is used to select the circuit breaker earth leakage circuit breaker.
5. Voltage range
Units are suitable for use on electrical systems where the voltage supplied to the unit terminals is not below or above the listed range limits.
6. MCA represents maximum input current. MFA represents capacity which may accept MCA. (Next lower standard fuse rating. Min. 15A)

RXS60L

Representative unit combination		Power supply				COMP		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FDXS60F2VEB	RXS60L2V1B	50 - 220 50 - 230 50 - 240	Max. 50Hz 264V Min. 50Hz 198V	19.75	20	87	8.9	53	0.32	60	0.5

3D081371A

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	: Fan Motor Rated Output (W)

NOTES

1. RLA is based on the following conditions:
Indoor temp.: 27°CDB/19°CWB
Outdoor temp.: 35°CDB
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.
5. Be sure to install an earth leak detector. (One that can handle higher harmonics.) (This unit uses an inverter, which means that it must be used an earth leak detector capable handling high harmonics in order to prevent malfunctioning of the earth leak detector.)

3 Electrical data

3 - 1 Electrical Data

RXS60L

RXS71F8

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTXS60GV1B	RXS60L2V1B	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	19.75	20.0	84	8.7	53	0.32	43	0.16
		50 - 230					8.3				
		50 - 240					7.9				
FTXS71GV1B	RXS71FAV1B8	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	19.75	20.0	57	10.3	66	0.40	43	0.19
		50 - 230					9.9				
		50 - 240					9.4				

3D056032F

SYMBOLS

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

NOTES

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

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXS20K2V1B + RXS20L2V1B

Cooling

50Hz 220-240V

AFR	8.8
BF	0.16

Indoor		Outdoor temp. (°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	2.05	1.76	0.33	1.96	1.72	0.36	1.86	1.68	0.39	1.83	1.66	0.41	1.77	1.64	0.43	1.68	1.59	0.46
16.0	22	2.14	1.73	0.33	2.05	1.69	0.36	1.95	1.65	0.40	1.92	1.64	0.41	1.86	1.62	0.43	1.77	1.58	0.46
18.0	25	2.23	1.85	0.33	2.14	1.81	0.37	2.05	1.78	0.40	2.01	1.76	0.41	1.95	1.74	0.43	1.86	1.70	0.46
19.0	27	2.28	1.98	0.33	2.19	1.95	0.37	2.09	1.91	0.40	2.06	1.90	0.41	2.00	1.88	0.43	1.91	1.84	0.46
22.0	30	2.42	1.92	0.34	2.32	1.89	0.37	2.23	1.86	0.40	2.19	1.85	0.41	2.14	1.83	0.43	2.05	1.80	0.46
24.0	32	2.51	1.88	0.34	2.42	1.86	0.37	2.32	1.83	0.40	2.29	1.82	0.42	2.23	1.80	0.43	2.14	1.77	0.47

Heating

50Hz 220-240V

AFR	9.5
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Indoor		Outdoor temp. (°CWB)											
EDB		-15		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		1.19	0.34	1.43	0.36	1.67	0.38	2.25	0.49	2.59	0.52	2.81	0.54
20.0		1.12	0.35	1.36	0.37	1.60	0.39	2.16	0.50	2.50	0.53	2.73	0.55
22.0		1.09	0.36	1.33	0.38	1.57	0.39	2.13	0.51	2.47	0.53	2.69	0.55
24.0		1.06	0.36	1.30	0.38	1.54	0.40	2.09	0.51	2.43	0.54	2.66	0.56
25.0		1.04	0.36	1.28	0.38	1.52	0.40	2.07	0.52	2.41	0.54	2.64	0.56
27.0		1.01	0.37	1.25	0.39	1.49	0.40	2.04	0.52	2.38	0.55	2.61	0.57

3D086702

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXS25K2V1B + RXS25L2V1B

Cooling 50Hz 220-240V

AFR	9.1
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	20.0	2.28	1.82	0.41	2.28	1.82	0.46	2.28	1.82	0.52	2.28	1.82	0.54	2.21	1.79	0.56	2.10	1.73	0.61
16.0	22.0	2.68	1.92	0.44	2.56	1.87	0.48	2.44	1.82	0.52	2.40	1.80	0.54	2.33	1.76	0.57	2.21	1.71	0.61
18.0	25.0	2.79	2.02	0.44	2.68	1.97	0.48	2.56	1.92	0.53	2.51	1.90	0.54	2.44	1.88	0.57	2.33	1.83	0.61
19.0	27.0	2.85	2.14	0.44	2.73	2.09	0.49	2.62	2.05	0.53	2.57	2.03	0.54	2.50	2.00	0.57	2.38	1.95	0.61
22.0	30.0	3.02	2.07	0.45	2.91	2.03	0.49	2.79	1.98	0.53	2.74	1.97	0.55	2.67	1.94	0.57	2.56	1.90	0.62
24.0	32.0	3.14	2.02	0.45	3.02	1.98	0.49	2.90	1.94	0.53	2.86	1.92	0.55	2.79	1.90	0.58	2.67	1.87	0.62

Heating 50Hz 220-240V

AFR	10.0
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Indoor		Outdoor temperature (°CWB)											
EDB		-15		-10		-5		0		6		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		1.33	0.39	1.60	0.41	1.87	0.43	2.52	0.56	2.90	0.59	3.15	0.61
20.0		1.25	0.40	1.52	0.42	1.79	0.44	2.42	0.57	2.80	0.60	3.05	0.62
22.0		1.22	0.40	1.49	0.43	1.76	0.45	2.38	0.57	2.76	0.61	3.01	0.63
24.0		1.19	0.41	1.45	0.43	1.72	0.45	2.34	0.58	2.72	0.61	2.98	0.63
25.0		1.17	0.41	1.44	0.43	1.71	0.45	2.32	0.58	2.70	0.61	2.96	0.63
27.0		1.14	0.42	1.41	0.44	1.67	0.45	2.29	0.59	2.66	0.62	2.92	0.64

3D086600

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat.
- shows nominal (rated) capacities and power input.
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length: 5m
 - Level difference: 0m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXS35K2V1B + RXS35L2V1B

Cooling 50Hz 220-240V

AFR	11.2
BF	0.12

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	20.0	3.24	2.59	0.63	3.24	2.59	0.72	3.24	2.59	0.79	3.19	2.57	0.81	3.10	2.52	0.85	2.93	2.44	0.91		
16.0	22.0	3.75	2.71	0.67	3.58	2.64	0.73	3.42	2.56	0.79	3.36	2.53	0.82	3.26	2.49	0.85	3.10	2.42	0.92		
18.0	25.0	3.91	2.85	0.67	3.75	2.78	0.73	3.58	2.72	0.80	3.52	2.69	0.82	3.42	2.65	0.86	3.26	2.58	0.92		
19.0	27.0	3.99	3.02	0.67	3.83	2.96	0.74	3.66	2.89	0.80	3.60	2.86	0.82	3.50	2.82	0.86	3.34	2.76	0.92		
22.0	30.0	4.23	2.92	0.68	4.07	2.86	0.74	3.90	2.80	0.80	3.84	2.78	0.83	3.74	2.75	0.87	3.58	2.69	0.93		
24.0	32.0	4.39	2.85	0.68	4.23	2.79	0.75	4.07	2.74	0.81	4.00	2.72	0.83	3.90	2.69	0.87	3.74	2.64	0.93		

Heating 50Hz 220-240V

AFR	12.1
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Indoor		Outdoor temperature (°CWB)											
EDB		-15		-10		-5		0		6		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		1.90	0.54	2.29	0.57	2.67	0.60	3.60	0.78	4.14	0.82	4.50	0.85
20.0		1.79	0.56	2.17	0.58	2.56	0.61	3.46	0.80	4.00	0.84	4.36	0.87
22.0		1.74	0.56	2.12	0.59	2.51	0.62	3.40	0.81	3.94	0.85	4.31	0.88
24.0		1.69	0.57	2.08	0.60	2.46	0.62	3.35	0.81	3.89	0.86	4.25	0.88
25.0		1.67	0.57	2.05	0.60	2.44	0.63	3.32	0.82	3.86	0.86	4.22	0.89
27.0		1.62	0.58	2.01	0.60	2.39	0.63	3.26	0.82	3.81	0.87	4.17	0.89

3D086601

SYMBOLS

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

NOTES

1. Ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. shows nominal (rated) capacities and power input.
3. TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
4. About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
5. Capacities are based on the following conditions:
(1) Corresponding refrigerant piping length: 5m
(2) Level difference: 0m
6. Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXS42K2V1B + RXS42L2V1B

Cooling 50Hz 220-240V

AFR	11.2
BF	0.15

Temp: Celsius / TC, SHC, PI: kW

Indoor		Outdoor temp. (°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	20.0	3.13	2.50	0.84	3.13	2.50	0.95	3.13	2.50	1.07	3.13	2.50	1.11	3.13	2.50	1.17	3.13	2.50	1.25
16.0	22.0	4.19	2.89	0.90	4.19	2.89	0.99	4.11	2.85	1.08	4.03	2.81	1.12	3.91	2.75	1.17	3.71	2.66	1.26
18.0	25.0	4.69	3.16	0.92	4.49	3.07	1.00	4.30	2.98	1.09	4.22	2.95	1.13	4.10	2.90	1.18	3.91	2.81	1.26
19.0	27.0	4.79	3.32	0.92	4.59	3.23	1.01	4.40	3.15	1.09	4.32	3.11	1.13	4.20	3.06	1.18	4.00	2.98	1.27
22.0	30.0	5.08	3.19	0.93	4.88	3.12	1.01	4.69	3.04	1.10	4.61	3.01	1.14	4.49	2.97	1.19	4.29	2.90	1.28
24.0	32.0	5.27	3.10	0.93	5.07	3.03	1.02	4.88	2.97	1.11	4.80	2.94	1.14	4.68	2.90	1.19	4.49	2.83	1.28

Heating 50Hz 220-240V

AFR	12.4
-----	------

Temp: Celsius / TC, PI: kW

Indoor		Outdoor temp. (°CWB)											
EDB		-15		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.57	0.84	3.09	0.89	3.61	0.93	4.85	1.22	5.59	1.28	6.07	1.32
20.0		2.41	0.87	2.93	0.91	3.45	0.95	4.67	1.25	5.40	1.31	5.89	1.35
22.0		2.35	0.88	2.87	0.92	3.39	0.96	4.59	1.26	5.33	1.32	5.81	1.36
24.0		2.29	0.89	2.80	0.93	3.32	0.97	4.52	1.27	5.25	1.33	5.74	1.38
25.0		2.25	0.89	2.77	0.93	3.29	0.98	4.48	1.27	5.21	1.34	5.65	1.38
27.0		2.19	0.90	2.71	0.94	3.23	0.99	4.41	1.29	5.14	1.35	5.23	1.35

3D080615A

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat.
- shows nominal (rated) capacities and power input.
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
- Capacities are based on the following conditions:
Corresponding refrigerant piping length: 5m
Level difference: 0m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXS50K2V1B + RXS50L2V1B

Cooling 50Hz 220-240V

AFR	11.9
BF	0.13

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	20.0	3.41	2.72	0.98	3.41	2.72	1.13	3.41	2.72	1.27	3.41	2.72	1.33	3.41	2.72	1.39	3.41	2.72	1.50
16.0	22.0	4.56	3.14	1.05	4.56	3.14	1.18	4.56	3.14	1.29	4.56	3.14	1.34	4.56	3.14	1.40	4.42	3.07	1.50
18.0	25.0	5.58	3.66	1.09	5.35	3.55	1.20	5.12	3.45	1.30	5.02	3.40	1.34	4.88	3.34	1.41	4.65	3.24	1.51
19.0	27.0	5.70	3.83	1.10	5.47	3.72	1.20	5.23	3.62	1.31	5.14	3.58	1.35	5.00	3.52	1.41	4.77	3.42	1.51
22.0	30.0	6.04	3.68	1.11	5.81	3.59	1.21	5.58	3.50	1.32	5.49	3.46	1.36	5.35	3.40	1.42	5.11	3.32	1.52
24.0	32.0	6.27	3.57	1.11	6.04	3.49	1.22	5.81	3.40	1.32	5.72	3.37	1.36	5.58	3.32	1.43	5.34	3.24	1.53

Heating 50Hz 220-240V

AFR	13.3
-----	------

Indoor		Outdoor temperature (°CWB)											
EDB		-15		-10		-5		0		6		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.76	0.93	3.32	0.98	3.88	1.03	5.21	1.35	6.00	1.42	6.52	1.47
20.0		2.59	0.96	3.15	1.01	3.71	1.05	5.01	1.38	5.80	1.45	6.32	1.50
22.0		2.52	0.97	3.08	1.02	3.64	1.07	4.93	1.39	5.72	1.46	6.24	1.51
24.0		2.46	0.98	3.01	1.03	3.57	1.08	4.85	1.40	5.64	1.48	6.16	1.52
25.0		2.42	0.99	2.98	1.03	3.54	1.08	4.81	1.41	5.60	1.48	6.12	1.53
27.0		2.35	1.00	2.91	1.04	3.47	1.09	4.73	1.42	5.52	1.50	6.04	1.54

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SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat.
- shows nominal (rated) capacities and power input.
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length: 5m
 - Level difference: 0m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXS60GV1B + RXS60L2V1B

Cooling 50Hz 220-240V

AFR	16.0
BF	0.29

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

Heating 50Hz 220-240V

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

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

3D066318C

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat.
- shows nominal (rated) capacities and power input.
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length: 5m
 - Level difference: 0m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FVXS25FV1B + RXS25L2V1B

Cooling

50Hz 220-240V

AFR	8.2
BF	0.1

Indoor		Outdoor temp. (°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	2.00	0.44	2.44	1.95	0.48	2.33	1.89	0.52	2.28	1.87	0.54	2.21	1.84	0.56	2.10	1.78	0.61
16.0	22	2.68	1.97	0.44	2.56	1.92	0.48	2.44	1.87	0.52	2.40	1.84	0.54	2.33	1.81	0.57	2.21	1.76	0.61
18.0	25	2.79	2.08	0.44	2.68	2.03	0.48	2.56	1.98	0.53	2.51	1.96	0.54	2.44	1.93	0.57	2.33	1.89	0.61
19.0	27	2.85	2.21	0.44	2.73	2.16	0.49	2.62	2.11	0.53	2.57	2.09	0.54	2.50	2.07	0.57	2.38	2.02	0.61
22.0	30	3.02	2.13	0.45	2.91	2.09	0.49	2.79	2.05	0.53	2.74	2.03	0.55	2.67	2.01	0.57	2.56	1.97	0.62
24.0	32	3.14	2.08	0.45	3.02	2.04	0.49	2.90	2.01	0.53	2.86	1.99	0.55	2.79	1.97	0.58	2.67	1.93	0.62

Heating

50Hz 220-240V

AFR	8.8
-----	-----

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.29	0.65	2.67	0.68	3.06	0.71	3.52	0.75	3.82	0.78
20.0		2.17	0.67	2.56	0.70	2.94	0.73	3.40	0.77	3.71	0.80
22.0		2.12	0.67	2.51	0.71	2.89	0.74	3.35	0.78	3.66	0.80
24.0		2.08	0.68	2.46	0.71	2.86	0.75	3.31	0.78	3.61	0.81
25.0		2.05	0.68	2.44	0.72	2.82	0.75	3.28	0.79	3.59	0.81
27.0		2.01	0.69	2.39	0.72	2.77	0.76	3.24	0.79	3.54	0.82

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SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FVXS35FV1B + RXS35L2V1B

Cooling 50Hz 220-240V

AFR	8.5
BF	0.11

Indoor		Outdoor temp. (°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	3.59	2.54	0.78	3.42	2.46	0.86	3.26	2.37	0.93	3.19	2.34	0.96	3.10	2.29	1.01	2.93	2.21	1.08
16.0	22	3.75	2.50	0.79	3.58	2.42	0.86	3.42	2.34	0.94	3.36	2.31	0.97	3.26	2.26	1.01	3.10	2.18	1.09
18.0	25	3.91	2.60	0.79	3.75	2.52	0.87	3.58	2.45	0.94	3.52	2.42	0.97	3.42	2.37	1.02	3.26	2.30	1.09
19.0	27	3.99	2.72	0.79	3.83	2.65	0.87	3.66	2.57	0.94	3.60	2.55	0.97	3.50	2.50	1.02	3.34	2.43	1.10
22.0	30	4.23	2.61	0.80	4.07	2.55	0.88	3.90	2.49	0.95	3.84	2.46	0.98	3.74	2.43	1.03	3.58	2.36	1.10
24.0	32	4.39	2.54	0.81	4.23	2.48	0.88	4.07	2.42	0.96	4.00	2.40	0.99	3.90	2.37	1.03	3.74	2.31	1.11

Heating 50Hz 220-240V

AFR	9.4
-----	-----

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0	3.03	1.00	3.54	1.05	4.05	1.10	4.66	1.16	5.06	1.20	
20.0	2.87	1.03	3.38	1.08	3.89	1.13	4.50	1.19	4.91	1.23	
22.0	2.81	1.04	3.32	1.09	3.83	1.14	4.44	1.20	4.84	1.24	
24.0	2.75	1.05	3.26	1.10	3.77	1.15	4.38	1.21	4.78	1.25	
25.0	2.72	1.06	3.23	1.11	3.73	1.16	4.34	1.22	4.75	1.26	
27.0	2.66	1.07	3.16	1.12	3.67	1.17	4.28	1.23	4.69	1.27	

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SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FVXS50FV1B + RXS50L2V1B

Cooling

50Hz 220-240V

AFR	10.7
BF	0.13

Indoor		Outdoor temp. (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	4.53	3.19	1.13	4.53	3.19	1.27	4.53	3.19	1.41	4.53	3.19	1.46	4.42	3.13	1.53	4.19	3.01	1.65
16.0	22	5.35	3.45	1.20	5.12	3.33	1.31	4.89	3.21	1.43	4.79	3.16	1.47	4.65	3.09	1.54	4.42	2.98	1.65
18.0	25	5.58	3.56	1.20	5.35	3.45	1.32	5.12	3.34	1.43	5.02	3.29	1.48	4.88	3.23	1.55	4.65	3.12	1.66
19.0	27	5.70	3.71	1.21	5.47	3.60	1.32	5.23	3.49	1.44	5.14	3.45	1.48	5.00	3.39	1.55	4.77	3.28	1.66
22.0	30	6.04	3.56	1.22	5.81	3.46	1.33	5.58	3.37	1.45	5.49	3.33	1.49	5.35	3.27	1.56	5.11	3.18	1.67
24.0	32	6.27	3.45	1.22	6.04	3.36	1.34	5.81	3.27	1.45	5.72	3.24	1.50	5.58	3.19	1.57	5.34	3.10	1.68

Heating

50Hz 220-240V

AFR	11.8
-----	------

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		3.90	1.35	4.56	1.42	5.21	1.48	6.00	1.56	6.52	1.62
20.0		3.70	1.39	4.36	1.46	5.01	1.52	5.80	1.60	6.32	1.65
22.0		3.62	1.40	4.28	1.47	4.93	1.54	5.72	1.61	6.24	1.67
24.0		3.54	1.42	4.20	1.48	4.85	1.55	5.64	1.63	6.16	1.68
25.0		3.50	1.43	4.16	1.49	4.81	1.56	5.60	1.64	6.03	1.68
27.0		3.42	1.44	4.08	1.51	4.73	1.57	5.52	1.65	5.94	1.68

3D079452B

SYMBOLS

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

NOTES

- Capacities are based on the following conditions:
(1) Corresponding refrigerant piping length: 5.0m
(2) Level difference: 0m
-  shows nominal (rated) capacities and power input.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FLXS25BAVMB + RXS25L2V1B

Cooling 50Hz 220-240V

AFR	7.6
BF	0.32

Indoor		Outdoor temp. (°CDB)																	
EVB	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	2.52	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
-----	-----

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.29	0.81	2.67	0.85	3.06	0.89	3.52	0.94	3.82	0.97
20.0		2.17	0.83	2.56	0.87	2.94	0.91	3.40	0.96	3.71	0.99
22.0		2.12	0.84	2.51	0.88	2.89	0.92	3.35	0.97	3.66	1.00
24.0		2.08	0.85	2.46	0.89	2.85	0.93	3.31	0.98	3.61	1.01
25.0		2.05	0.85	2.44	0.89	2.82	0.93	3.28	0.98	3.59	1.01
27.0		2.01	0.86	2.39	0.90	2.77	0.94	3.24	0.99	3.54	1.02

3D086700

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FLXS35BAVMB9 + RXS35L2V1B

Cooling

50Hz 220-240V

AFR	8.6
BF	0.35

Indoor		Outdoor temp. (°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	12.8
-----	------

Indoor		Outdoor temp. (°CWB)									
EDB (°C)		-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.69	0.95	3.14	0.99	3.60	1.04	4.14	1.09	4.50	1.13
20.0		2.55	0.97	3.01	1.02	3.46	1.07	4.00	1.12	4.36	1.16
22.0		2.50	0.98	2.95	1.03	3.40	1.07	3.94	1.13	4.31	1.17
24.0		2.44	0.99	2.90	1.04	3.35	1.08	3.89	1.14	4.25	1.17
25.0		2.42	1.00	2.87	1.05	3.32	1.09	3.86	1.15	4.18	1.18
27.0		2.36	1.01	2.81	1.06	3.26	1.10	3.81	1.16	3.91	1.18

3D086537

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FLXS50BAVMB + RXS50L2V1B

Cooling 50Hz 220-240V

AFR	11.4
BF	0.18

Indoor		Outdoor temp. (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	4.96	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 50Hz 220-240V

AFR	12.1
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Indoor		Outdoor temp. (°CWB)											
EDB (°C)		-15		-10		-5		0		6		10	
		TC	PI	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	6.75	1.76
18.0		3.03	1.37	3.77	1.46	4.51	1.55	5.24	1.65	6.13	1.75	6.72	1.83
20.0		3.00	1.44	3.74	1.53	4.48	1.62	5.21	1.71	6.10	1.82	6.69	1.89
21.0		2.98	1.47	3.72	1.56	4.46	1.65	5.20	1.74	6.08	1.85	6.68	1.93
22.0		2.97	1.50	3.71	1.59	4.45	1.69	5.18	1.78	6.07	1.89	6.66	1.96
24.0		2.94	1.57	3.68	1.66	4.42	1.75	5.15	1.84	6.04	1.95	6.63	2.02

3D079441B

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat.
- shows nominal (rated) capacities and power input.
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
- Capacities are based on the following conditions:
Corresponding refrigerant piping length: 5m
Level difference: 0m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FDXS25F2VEB + RXS25L2V1B

Cooling 50Hz 230V

AFR	8.7
BF	0.17

Indoor		Outdoor temp. (°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	0.50	2.35	1.89	0.55	2.24	1.83	0.59	2.19	1.81	0.61	2.12	1.78	0.64	2.01	1.73	0.69
16.0	22	2.57	1.91	0.50	2.46	1.86	0.55	2.35	1.81	0.59	2.30	1.79	0.61	2.23	1.76	0.65	2.12	1.71	0.70
18.0	25	2.68	2.01	0.51	2.57	1.97	0.56	2.46	1.92	0.60	2.41	1.90	0.62	2.34	1.88	0.65	2.23	1.83	0.70
19.0	27	2.74	2.14	0.51	2.62	2.10	0.56	2.51	2.05	0.60	2.47	2.03	0.62	2.40	2.01	0.65	2.29	1.96	0.70
22.0	30	2.90	2.07	0.51	2.79	2.03	0.56	2.68	1.99	0.60	2.63	1.98	0.62	2.57	1.95	0.65	2.45	1.91	0.71
24.0	32	3.01	2.02	0.51	2.90	1.99	0.57	2.79	1.95	0.61	2.74	1.94	0.63	2.68	1.91	0.66	2.56	1.88	0.71

Heating 50Hz 230V

AFR	8.7
-----	-----

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.15	0.68	2.52	0.71	2.88	0.74	3.31	0.78	3.60	0.81
20.0		2.04	0.69	2.41	0.73	2.77	0.76	3.20	0.80	3.49	0.83
22.0		2.00	0.70	2.36	0.74	2.72	0.76	3.16	0.81	3.44	0.84
24.0		1.96	0.71	2.32	0.74	2.68	0.77	3.11	0.82	3.40	0.84
25.0		1.93	0.71	2.29	0.75	2.66	0.78	3.09	0.82	3.38	0.84
27.0		1.89	0.72	2.25	0.76	2.61	0.78	3.05	0.83	3.33	0.85

3D086988

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FDXS35F2VEB + RXS35L2V1B

Cooling 50Hz 220-240V

AFR	8.7
BF	0.17

Indoor		Outdoor temp. (°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	0.82	3.33	2.38	0.89	3.17	2.30	0.97	3.10	2.26	1.00	3.01	2.21	1.05	2.85	2.13	1.13
16.0	22	3.64	2.42	0.82	3.48	2.34	0.89	3.32	2.26	0.97	2.26	2.23	1.00	3.17	2.19	1.05	3.01	2.11	1.13
18.0	25	3.80	2.51	0.83	3.64	2.44	0.90	3.48	2.37	0.98	3.42	2.34	1.01	3.32	2.30	1.06	3.16	2.23	1.14
19.0	27	3.87	2.63	0.83	3.72	2.56	0.90	3.56	2.49	0.98	3.49	2.46	1.01	3.40	2.42	1.06	3.24	2.35	1.14
22.0	30	4.11	2.53	0.84	3.95	2.47	0.91	3.79	2.40	0.99	3.73	2.38	1.02	3.63	2.34	1.07	3.48	2.28	1.15
24.0	32	4.27	2.46	0.84	4.11	2.40	0.91	3.95	2.34	0.99	3.89	2.32	1.02	3.79	2.29	1.07	3.63	2.23	1.15

Heating 50Hz 220-240V

AFR	8.7
-----	-----

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.69	0.97	3.14	1.02	3.60	1.07	4.14	1.12	4.50	1.16
20.0		2.55	0.99	3.01	1.04	3.46	1.09	4.00	1.15	4.36	1.19
22.0		2.50	1.01	2.95	1.05	3.40	1.10	3.94	1.16	4.31	1.20
24.0		2.44	1.02	2.90	1.06	3.35	1.11	3.89	1.17	4.25	1.21
25.0		2.42	1.02	2.87	1.07	3.32	1.12	3.86	1.18	4.22	1.22
27.0		2.36	1.03	2.81	1.08	3.26	1.13	3.81	1.19	4.17	1.23

3D086701

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FDXS50F2VEB9 + RXS50L2V1B

Cooling

50Hz 220-240V

AFR	12.0
BF	0.11

Indoor		Outdoor temp. (°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	3.92	2.76	1.13	3.92	2.76	1.29	3.92	2.76	1.44	3.92	2.76	1.50	3.92	2.76	1.59	3.92	2.76	1.74
16.0	22	4.81	3.08	1.22	4.81	3.08	1.37	4.81	3.08	1.51	4.79	3.07	1.57	4.65	3.00	1.64	4.42	2.88	1.76
18.0	25	5.58	3.47	1.28	5.35	3.35	1.40	5.12	3.23	1.52	5.02	3.18	1.57	4.88	3.11	1.65	4.65	3.00	1.77
19.0	27	5.70	3.59	1.28	5.47	3.47	1.41	5.23	3.36	1.53	5.14	3.31	1.58	5.00	3.24	1.65	4.77	3.13	1.77
22.0	30	6.04	3.44	1.30	5.81	3.33	1.42	5.58	3.23	1.54	5.49	3.19	1.59	5.35	3.13	1.66	5.11	3.03	1.78
24.0	32	6.27	3.32	1.30	6.04	3.23	1.42	5.81	3.13	1.55	5.72	3.10	1.60	5.58	3.04	1.67	5.34	2.95	1.79

Heating

50Hz 220-240V

AFR	16.0
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Indoor		Outdoor temp. (°CWB)									
EDB (°C)		-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		3.90	1.58	4.56	1.66	5.21	1.73	6.00	1.83	6.52	1.89
20.0		3.70	1.63	4.36	1.70	5.01	1.78	5.80	1.87	6.32	1.93
22.0		3.62	1.64	4.28	1.71	4.93	1.79	5.72	1.89	6.24	1.95
24.0		3.54	1.66	4.20	1.73	4.85	1.81	5.64	1.90	6.16	1.97
25.0		3.50	1.67	4.16	1.74	4.81	1.82	5.60	1.91	6.12	1.98
27.0		3.42	1.68	4.08	1.76	4.73	1.84	5.52	1.93	6.04	1.99

3D086538

SYMBOLS

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

NOTES

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

 shows nominal (rated) capacities and power input.
- Ratings shown are net capacities which include a deduction for indoor fan motor heat.
- 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.)
- About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FDXS60F2VEB + RXS60L2V1B

Cooling 50Hz 220-240V

AFR	16.0
BF	0.12

Indoor		Outdoor temp. (°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	6.12	4.31	1.63	5.87	4.18	1.79	5.59	4.03	1.95	5.48	3.97	2.01	5.31	3.89	2.11	5.03	3.74	2.26
16.0	22	6.42	4.25	1.64	6.14	4.11	1.80	5.86	3.97	1.96	5.75	3.92	2.02	5.59	3.84	2.12	5.31	3.70	2.27
18.0	25	6.70	4.41	1.65	6.42	4.28	1.81	6.14	4.15	1.97	6.03	4.10	2.03	5.86	4.02	2.13	5.58	3.90	2.28
19.0	27	6.84	4.61	1.66	6.56	4.49	1.82	6.28	4.36	1.97	6.17	4.31	2.04	6.00	4.24	2.13	5.72	4.12	2.29
22.0	30	7.25	4.43	1.67	6.97	4.32	1.83	6.69	4.21	1.99	6.58	4.17	2.05	6.41	4.10	2.14	6.14	4.00	2.30
24.0	32	7.53	4.30	1.68	7.25	4.20	1.84	6.97	4.10	2.00	6.86	4.06	2.06	6.69	4.00	2.15	6.41	3.91	2.31

Heating 50Hz 220-240V

AFR	16.0
-----	------

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		4.71	1.96	5.50	2.06	6.29	2.15	7.24	2.27	7.87	2.34
20.0		4.47	2.01	5.26	2.11	6.05	2.21	7.00	2.32	7.63	2.40
22.0		4.37	2.04	5.16	2.13	5.95	2.23	6.90	2.34	7.54	2.42
24.0		4.28	2.06	5.07	2.15	5.86	2.25	6.81	2.36	7.44	2.44
25.0		4.23	2.07	5.02	2.16	5.81	2.26	6.76	2.37	7.39	2.45
27.0		4.13	2.09	4.92	2.18	5.71	2.28	6.66	2.39	7.29	2.47

3D081326A

SYMBOLS

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

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat.
- shows nominal (rated) capacities and power input.
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.
- Capacities are based on the following conditions:
Corresponding refrigerant piping length: 7.5m
Level difference: 0m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCQG35FVEB + RXS35L2V1B

Cooling

50Hz 220-240V

AFR	12.5
BF	0.4

Indoor		Outdoor temp. (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	3.48	2.49	0.73	3.33	2.40	0.80	3.17	2.32	0.87	3.10	2.29	0.90	3.01	2.24	0.94	2.85	2.16	1.01
16.0	22	3.64	2.44	0.73	3.48	2.37	0.80	3.32	2.29	0.87	3.26	2.26	0.90	3.17	2.21	0.94	3.01	2.14	1.01
18.0	25	3.80	2.54	0.74	3.64	2.47	0.81	3.48	2.40	0.88	3.42	2.37	0.91	3.32	2.33	0.95	3.16	2.26	1.02
19.0	27	3.87	2.67	0.74	3.72	2.60	0.81	3.56	2.53	0.88	3.49	2.50	0.91	3.40	2.46	0.95	3.24	2.39	1.02
22.0	30	4.11	2.57	0.75	3.95	2.50	0.82	3.79	2.44	0.89	3.73	2.42	0.91	3.63	2.38	0.96	3.48	2.32	1.03
24.0	32	4.27	2.49	0.75	4.11	2.44	0.82	3.95	2.38	0.89	3.89	2.36	0.92	3.79	2.33	0.96	3.63	2.27	1.03

Heating

50Hz 220-240V

AFR	12.5
-----	------

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.83	1.01	3.30	1.06	3.78	1.11	4.34	1.17	4.72	1.21
20.0		2.68	1.04	3.16	1.09	3.63	1.14	4.20	1.20	4.58	1.24
22.0		2.62	1.05	3.10	1.10	3.57	1.15	4.14	1.21	4.52	1.25
24.0		2.57	1.06	3.04	1.11	3.51	1.16	4.08	1.22	4.46	1.26
25.0		2.54	1.07	3.01	1.12	3.49	1.17	4.06	1.23	4.43	1.27
27.0		2.48	1.08	2.95	1.13	3.43	1.18	4.00	1.24	4.38	1.28

3D086704

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCQG50FVEB + RXS50L2V1B

Cooling 220-240V 50Hz

AFR	12.6
BF	0.22

Indoor		Outdoor temperature (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,12	3,56	1,08	4,89	3,43	1,19	4,66	3,31	1,29	4,56	3,26	1,33	4,42	3,18	1,39	4,19	3,06	1,50
16,0	22	5,35	3,49	1,09	5,12	3,37	1,19	4,89	3,26	1,30	4,79	3,21	1,34	4,65	3,14	1,40	4,42	3,03	1,50
18,0	25	5,58	3,62	1,09	5,35	3,50	1,20	5,12	3,40	1,30	5,02	3,35	1,34	4,88	3,29	1,41	4,65	3,18	1,51
19,0	27	5,70	3,77	1,10	5,47	3,67	1,20	5,23	3,56	1,31	5,14	3,52	1,35	5,00	3,46	1,41	4,77	3,35	1,51
22,0	30	6,04	3,62	1,11	5,81	3,53	1,21	5,58	3,44	1,32	5,49	3,40	1,36	5,35	3,34	1,42	5,11	3,25	1,52
24,0	32	6,27	3,52	1,11	6,04	3,43	1,22	5,81	3,34	1,32	5,72	3,31	1,36	5,58	3,26	1,43	5,34	3,18	1,53

Heating 220-240V 50Hz

AFR	12.5
-----	------

Indoor		outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0		4,04	1,37	4,72	1,44	5,39	1,50	6,21	1,58	6,75	1,64
20,0		3,83	1,41	4,51	1,47	5,19	1,54	6,00	1,62	6,54	1,67
22,0		3,75	1,42	4,43	1,49	5,10	1,55	5,92	1,63	6,46	1,69
24,0		3,67	1,44	4,34	1,50	5,02	1,57	5,83	1,65	6,38	1,70
25,0		3,62	1,44	4,30	1,51	4,98	1,58	5,79	1,66	6,33	1,71
27,0		3,54	1,46	4,22	1,52	4,90	1,59	5,71	1,67	5,97	1,71

3D077499B

SYMBOLS

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

NOTES

1. shows nominal (rated) capacities and power input.
2. Capacities are based on the following conditions:
 - (1) Corresponding refrigerant piping length: 5.0m
 - (2) Level difference: 0m

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FCQG60FVEB + RXS60L2V1B

Cooling 220-240V 50Hz

AFR	13.6
BF	0.20

Indoor		Outdoor temperature (°CDB)																			
EWB	EDB	20			25			30			32			35			40				
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI		
14,0	20	5,84	4,01	1,26	5,57	3,86	1,38	5,31	3,72	1,50	5,20	3,66	1,55	5,04	3,58	1,62	4,78	3,44	1,74		
16,0	22	6,10	3,94	1,27	5,84	3,80	1,39	5,57	3,67	1,51	5,47	3,61	1,56	5,31	3,53	1,63	5,04	3,40	1,75		
18,0	25	6,36	4,07	1,27	6,10	3,94	1,39	5,83	3,81	1,52	5,73	3,76	1,56	5,57	3,69	1,64	5,30	3,56	1,76		
19,0	27	6,50	4,24	1,28	6,23	4,11	1,40	5,97	3,99	1,52	5,86	3,94	1,57	5,70	3,87	1,64	5,43	3,75	1,76		
22,0	30	6,89	4,07	1,29	6,62	3,95	1,41	6,36	3,85	1,53	6,25	3,80	1,58	6,09	3,74	1,65	5,83	3,63	1,77		
24,0	32	7,15	3,94	1,29	6,89	3,84	1,42	6,62	3,74	1,54	6,52	3,70	1,59	6,36	3,64	1,66	6,09	3,54	1,78		

Heating 220-240V 50Hz

AFR	13.6
-----	------

Indoor		outdoor temperature (°CWB)									
EDB		-10		-5		0		6		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0		4,71	1,68	5,50	1,76	6,29	1,85	7,24	1,95	7,87	2,01
20,0		4,47	1,73	5,26	1,81	6,05	1,89	7,00	1,99	7,63	2,06
22,0		4,37	1,75	5,16	1,83	5,95	1,91	6,90	2,01	7,54	2,07
24,0		4,28	1,76	5,07	1,85	5,86	1,93	6,81	2,03	7,12	2,09
25,0		4,23	1,77	5,02	1,85	5,81	1,94	6,76	2,03	6,90	2,10
27,0		4,13	1,79	4,92	1,87	5,71	1,95	6,45	2,05	6,45	2,11

3D077501B

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FFQ25C2VEB + RXS25L2V1B

Cooling 50Hz 220-240V

AFR	9.0
BF	0.24

Indoor		Outdoor temp. (°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	0.43	2.44	1.89	0.47	2.33	1.84	0.51	2.28	1.81	0.53	2.21	1.78	0.55	2.10	1.72	0.60
16.0	22	2.68	1.92	0.43	2.56	1.86	0.48	2.44	1.81	0.51	2.40	1.79	0.53	2.33	1.76	0.56	2.21	1.71	0.60
18.0	25	2.79	2.01	0.44	2.68	1.96	0.48	2.56	1.92	0.51	2.51	1.90	0.54	2.44	1.87	0.56	2.33	1.82	0.60
19.0	27	2.85	2.13	0.44	2.73	2.08	0.48	2.62	2.04	0.52	2.57	2.02	0.54	2.50	1.99	0.56	2.38	1.94	0.60
22.0	30	3.02	2.06	0.44	2.91	2.02	0.49	2.79	1.97	0.52	2.74	1.96	0.54	2.67	1.93	0.56	2.56	1.89	0.61
24.0	32	3.14	2.01	0.45	3.02	1.97	0.49	2.90	1.93	0.52	2.86	1.91	0.55	2.79	1.89	0.57	2.67	1.85	0.61

Heating 50Hz 220-240V

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

Indoor		Outdoor temp. (°CWB)									
EDB (°C)		-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.15	0.69	2.52	0.73	2.88	0.76	3.31	0.80	3.60	0.83
20.0		2.04	0.71	2.41	0.75	2.77	0.77	3.20	0.82	3.49	0.85
22.0		2.00	0.72	2.36	0.75	2.72	0.78	3.16	0.83	3.44	0.86
24.0		1.96	0.73	2.32	0.76	2.68	0.79	3.11	0.84	3.40	0.87
25.0		1.93	0.73	2.29	0.77	2.66	0.80	3.09	0.84	3.38	0.87
27.0		1.89	0.74	2.25	0.78	2.61	0.80	3.05	0.85	3.33	0.88

3D086705

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FFQ35C2VEB + RXS35L2V1B

Cooling

50Hz 220-240V

AFR	10.0
BF	0.25

Indoor		Outdoor temp. (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	3.48	2.48	0.70	3.33	2.40	0.78	3.17	2.32	0.84	3.10	2.29	0.87	3.01	2.24	0.91	2.85	2.16	0.98
16.0	22	3.64	2.44	0.71	3.48	2.36	0.78	3.32	2.28	0.84	3.26	2.25	0.87	3.17	2.21	0.91	3.01	2.13	0.98
18.0	25	3.80	2.54	0.71	3.64	2.46	0.78	3.48	2.39	0.85	3.42	2.36	0.88	3.32	2.32	0.92	3.16	2.25	0.99
19.0	27	3.87	2.66	0.72	3.72	2.59	0.79	3.56	2.52	0.85	3.49	2.49	0.88	3.40	2.45	0.92	3.24	2.39	0.99
22.0	30	4.11	2.56	0.72	3.95	2.50	0.79	3.79	2.44	0.86	3.73	2.41	0.89	3.63	2.38	0.93	3.48	2.32	1.00
24.0	32	4.27	2.49	0.73	4.11	2.43	0.80	3.95	2.37	0.86	3.89	2.35	0.89	3.79	2.32	0.93	3.63	2.26	1.00

Heating

50Hz 220-240V

AFR	10.0
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Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.82	1.01	3.30	1.06	3.78	1.11	4.35	1.17	4.73	1.21
20.0		2.68	1.04	3.16	1.09	3.63	1.14	4.20	1.20	4.58	1.24
22.0		2.63	1.05	3.10	1.10	3.57	1.15	4.14	1.21	4.53	1.25
24.0		2.56	1.06	3.05	1.11	3.52	1.16	4.08	1.22	4.46	1.26
25.0		2.54	1.07	3.01	1.12	3.49	1.17	4.05	1.23	4.43	1.27
27.0		2.48	1.08	2.95	1.13	3.42	1.18	4.00	1.24	4.38	1.28

3D086706

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FFQ50C2VEB + RXS50L2V1B

Cooling 50Hz 220-240V

AFR	12
BF	0.16

Indoor		Outdoor temp. (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.06	3.73	1.26	4.90	3.66	1.34	4.74	3.59	1.42	4.68	3.55	1.46	4.59	3.51	1.51	4.43	3.44	1.59
16.0	22	5.23	3.77	1.28	5.07	3.69	1.36	4.91	3.62	1.45	4.85	3.60	1.47	4.76	3.54	1.53	4.60	3.47	1.61
18.0	25	5.39	3.81	1.30	5.23	3.73	1.39	5.07	3.66	1.46	5.01	3.63	1.50	4.91	3.59	1.55	4.76	3.51	1.63
19.0	27	5.48	3.82	1.32	5.32	3.74	1.40	5.16	3.67	1.48	5.10	3.65	1.51	5.00	3.60	1.56	4.84	3.52	1.65
22.0	30	5.72	3.88	1.34	5.56	3.81	1.43	5.40	3.73	1.51	5.34	3.70	1.54	5.24	3.66	1.59	5.09	3.59	1.67
24.0	32	5.89	3.91	1.37	5.73	3.84	1.46	5.57	3.77	1.53	5.51	3.73	1.57	5.41	3.69	1.62	5.26	3.62	1.70

Heating 50Hz 220-240V

AFR	12
-----	----

Indoor		Outdoor temp. (°CWB)											
EDB		-15		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		2.91	1.19	3.62	1.28	4.31	1.36	5.02	1.44	5.86	1.54	6.42	1.61
18.0		2.88	1.25	3.59	1.34	4.28	1.41	4.99	1.50	5.83	1.60	6.39	1.67
20.0		2.85	1.31	3.55	1.40	4.26	1.47	4.96	1.56	5.80	1.66	6.36	1.73
21.0		2.84	1.34	3.54	1.42	4.24	1.51	4.95	1.59	5.79	1.69	6.35	1.75
22.0		2.83	1.37	3.52	1.46	4.23	1.53	4.92	1.62	5.77	1.72	6.33	1.79
24.0		2.79	1.43	3.50	1.52	4.20	1.60	4.90	1.68	5.75	1.78	6.31	1.85

3D082544A

SYMBOLS

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

NOTES

1. shows nominal (rated) capacities and power input.
2. Capacities are based on the following conditions:
Corresponding refrigerant piping length: 5.0m
Level difference: 0m

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FFQ60C2VEB + RXS60L2V1B

Cooling

50Hz 220-240V

AFR	14.5
BF	0.11

Indoor		Outdoor temp. (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.76	4.23	1.57	5.61	4.16	1.66	5.46	4.09	1.74	5.41	4.06	1.78	5.32	4.02	1.84	5.17	3.95	1.92
16.0	22	5.92	4.27	1.60	5.77	4.20	1.68	5.62	4.13	1.77	5.56	4.10	1.80	5.47	4.06	1.85	5.33	3.99	1.94
18.0	25	6.06	4.29	1.62	5.92	4.23	1.71	5.77	4.16	1.79	5.71	4.13	1.83	5.62	4.09	1.88	5.47	4.02	1.96
19.0	27	6.14	4.31	1.63	5.99	4.25	1.72	5.85	4.18	1.81	5.79	4.15	1.84	5.70	4.11	1.89	5.55	4.04	1.98
22.0	30	6.37	4.36	1.66	6.22	4.29	1.75	6.07	4.23	1.84	6.01	4.20	1.87	5.93	4.16	1.93	5.78	4.09	2.01
24.0	32	6.53	4.39	1.69	6.38	4.32	1.78	6.23	4.26	1.86	6.17	4.23	1.90	6.08	4.19	1.95	5.94	4.12	2.04

Heating

50Hz 220-240V

AFR	14.5
-----	------

Indoor		Outdoor temp. (°CWB)											
EDB (°C)		-15		-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
16.0		3.51	1.47	4.36	1.57	5.21	1.68	6.05	1.78	7.07	1.90	7.75	1.98
18.0		3.48	1.55	4.32	1.65	5.17	1.75	6.02	1.85	7.04	1.98	7.71	2.06
20.0		3.44	1.62	4.29	1.72	5.14	1.83	5.98	1.93	7.00	2.05	7.68	2.13
21.0		3.43	1.65	4.27	1.76	5.12	1.86	5.97	1.97	6.98	2.08	7.66	2.17
22.0		3.41	1.70	4.25	1.79	5.10	1.90	5.95	2.00	6.97	2.12	7.64	2.21
24.0		3.37	1.77	4.22	1.87	5.07	1.98	5.91	2.07	6.93	2.20	7.61	2.28

3D082545A

SYMBOLS

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

NOTES

1. shows nominal (rated) capacities and power input.
2. Capacities are based on the following conditions:
Corresponding refrigerant piping length: 5.0m
Level difference: 0m

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FBQ35C8VEB + RXS35L2V1B

Cooling 50Hz 220-240V

AFR	16.0
BF	0.15

Indoor		Outdoor temp. (°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	3.12	0.81	3.33	3.04	0.89	3.17	2.97	0.97	3.10	2.94	1.00	3.01	2.90	1.04	2.85	2.83	1.12
16.0	22	3.64	3.07	0.81	3.48	3.00	0.89	3.32	2.93	0.97	3.26	2.91	1.00	3.17	2.87	1.05	3.01	2.80	1.13
18.0	25	3.80	3.29	0.82	3.64	3.22	0.90	3.48	3.16	0.98	3.42	3.14	1.01	3.32	3.10	1.05	3.16	3.04	1.13
19.0	27	3.87	3.53	0.82	3.72	3.47	0.90	3.56	3.41	0.98	3.49	3.39	1.01	3.40	3.35	1.06	3.24	3.30	1.13
22.0	30	4.11	3.43	0.83	3.95	3.38	0.91	3.79	3.33	0.98	3.73	3.31	1.02	3.63	3.28	1.06	3.48	3.22	1.14
24.0	32	4.27	3.37	0.83	4.11	3.32	0.91	3.95	3.27	0.99	3.89	3.25	1.02	3.79	3.22	1.07	3.63	3.18	1.15

Heating 50Hz 220-240V

AFR	16.0
-----	------

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.69	0.93	3.14	0.98	3.60	1.02	4.14	1.08	4.50	1.12
20.0		2.55	0.96	3.01	1.00	3.46	1.05	4.00	1.11	4.36	1.14
22.0		2.50	0.97	2.95	1.01	3.40	1.06	3.94	1.12	4.31	1.15
24.0		2.44	0.98	2.90	1.02	3.35	1.07	3.89	1.13	4.25	1.16
25.0		2.42	0.98	2.87	1.03	3.32	1.08	3.86	1.13	4.22	1.17
27.0		2.36	0.99	2.81	1.04	3.26	1.09	3.81	1.14	4.17	1.18

3D087039

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FBQ50C8VEB + RXS50L2V1B

Cooling

50Hz 220-240V

AFR	16.0
BF	0.16

Indoor		Outdoor temp. (°CDB)																	
EWB (°C)	EDB (°C)	20			25			30			32			35			40		
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.12	3.88	1.27	4.89	3.76	1.39	4.66	3.65	1.51	4.56	3.60	1.56	4.42	3.54	1.63	4.19	3.43	1.75
16.0	22	5.35	3.81	1.27	5.12	3.70	1.40	4.89	3.60	1.52	4.79	3.55	1.57	4.65	3.49	1.64	4.42	3.39	1.76
18.0	25	5.58	4.00	1.28	5.35	3.90	1.40	5.12	3.80	1.52	5.02	3.76	1.57	4.88	3.71	1.65	4.65	3.61	1.77
19.0	27	5.70	4.23	1.28	5.47	4.13	1.41	5.23	4.04	1.53	5.14	4.00	1.58	5.00	3.95	1.65	4.77	3.85	1.77
22.0	30	6.04	4.08	1.30	5.81	4.00	1.42	5.58	3.92	1.54	5.49	3.88	1.59	5.35	3.83	1.66	5.11	3.75	1.78
24.0	32	6.27	3.98	1.30	6.04	3.90	1.42	5.81	3.83	1.55	5.72	3.80	1.60	5.58	3.75	1.67	5.34	3.68	1.79

Heating

50Hz 220-240V

AFR	16.0
-----	------

Indoor		Outdoor temp. (°CWB)									
EDB (°C)		-10		-5		0		6		10	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		3.70	1.36	4.32	1.43	4.94	1.50	5.69	1.58	6.19	1.63
20.0		3.51	1.40	4.13	1.47	4.75	1.53	5.50	1.61	6.00	1.67
22.0		3.44	1.41	4.06	1.48	4.68	1.55	5.42	1.63	5.92	1.68
24.0		3.36	1.43	3.98	1.50	4.60	1.56	5.35	1.64	5.84	1.70
25.0		3.32	1.44	3.94	1.50	4.56	1.57	5.31	1.65	5.81	1.70
27.0		3.25	1.45	3.87	1.52	4.49	1.58	5.23	1.66	5.73	1.72

3D086440

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FBQ60C8VEB + RXS60L2V1B

Cooling 50Hz 220-240V

AFR	18.0
BF	0.15

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

Heating 50Hz 220-240V

AFR	18.0
-----	------

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

3D086444

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FHQ35CAVEB + RXS35L2V1B

Cooling 50Hz 220-240V

AFR	14.0
BF	0.17

Indoor		Outdoor temp. (°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	0.73	3.33	2.69	0.80	3.17	2.61	0.87	3.10	2.58	0.90	3.01	2.54	0.94	2.85	2.47	1.01
16.0	22	3.64	2.72	0.73	3.48	2.65	0.81	3.32	2.58	0.88	3.26	2.55	0.90	3.17	2.51	0.94	3.01	2.44	1.01
18.0	25	3.80	2.87	0.73	3.64	2.81	0.81	3.48	2.74	0.88	3.42	2.72	0.90	3.32	2.68	0.95	3.16	2.61	1.02
19.0	27	3.87	3.05	0.74	3.72	2.99	0.81	3.56	2.93	0.88	3.49	2.90	0.90	3.40	2.87	0.95	3.24	2.80	1.02
22.0	30	4.11	2.95	0.74	3.95	2.90	0.81	3.79	2.84	0.89	3.73	2.82	0.91	3.63	2.79	0.96	3.48	2.73	1.02
24.0	32	4.27	2.88	0.75	4.11	2.83	0.82	3.95	2.78	0.89	3.89	2.76	0.91	3.79	2.73	0.96	3.63	2.68	1.03

Heating 50Hz 220-240V

AFR	14.0
-----	------

Indoor		Outdoor temp. (°CWB)									
EDB		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		2.69	0.83	3.14	0.86	3.60	0.91	4.14	0.95	4.50	0.99
20.0		2.55	0.84	3.01	0.89	3.46	0.93	4.00	0.98	4.36	1.02
22.0		2.50	0.85	2.95	0.90	3.40	0.94	3.94	0.99	4.31	1.03
24.0		2.44	0.86	2.90	0.91	3.35	0.95	3.89	1.00	4.25	1.03
25.0		2.42	0.87	2.87	0.91	3.32	0.95	3.86	1.01	4.22	1.03
27.0		2.36	0.88	2.81	0.92	3.26	0.96	3.81	1.02	4.17	1.04

3D086990

SYMBOLS

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

NOTES

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

 shows nominal (rated) capacities and power input.

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FHQ50CAVEB + RXS50L2V1B

Cooling 50Hz 220-240V

AFR	15.0
BF	0.18

Indoor		Outdoor temp. (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.84	3.63	1.27	4.91	3.56	1.36	4.76	3.49	1.43	4.70	3.46	1.47	4.61	3.42	1.52	4.46	3.35	1.60
16.0	22	5.22	3.66	1.30	5.07	3.59	1.37	4.92	3.52	1.46	4.86	3.49	1.48	4.77	3.45	1.54	4.62	3.38	1.62
18.0	25	5.37	3.69	1.31	5.22	3.62	1.40	5.07	3.55	1.48	5.01	3.53	1.51	4.92	3.48	1.56	4.77	3.41	1.64
19.0	27	5.45	3.71	1.33	5.30	3.64	1.41	5.15	3.57	1.49	5.09	3.54	1.52	5.00	3.50	1.57	4.85	3.43	1.66
22.0	30	5.68	3.76	1.36	5.53	3.69	1.44	5.38	3.62	1.52	5.32	3.59	1.55	5.23	3.55	1.60	5.08	3.48	1.68
24.0	32	5.84	3.80	1.38	5.69	3.73	1.47	5.54	3.66	1.54	5.48	3.63	1.58	5.39	3.59	1.63	5.24	3.52	1.71

Heating 50Hz 220-240V

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

Indoor		Outdoor temp. (°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	1.28	3.74	1.28	4.46	1.37	5.19	1.55	6.06	1.66	6.64	1.73
18.0		2.98	1.35	3.71	1.35	4.43	1.44	5.16	1.62	6.03	1.73	6.61	1.80
20.0		2.95	1.41	3.68	1.41	4.40	1.50	5.13	1.69	6.00	1.79	6.58	1.86
21.0		2.94	1.45	3.66	1.45	4.39	1.54	5.11	1.71	5.99	1.82	6.57	1.89
22.0		2.92	1.48	3.65	1.48	4.37	1.57	5.10	1.75	5.97	1.85	6.55	1.93
24.0		2.89	1.55	3.62	1.55	4.34	1.63	5.07	1.81	5.94	1.92	6.52	1.99

3D086561

SYMBOLS

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

NOTES

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

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FHQ60CAVEB + RXS60L2V1B

Cooling

50Hz 220-240V

AFR	19.5
BF	0.2

Indoor		Outdoor temp. (°CDB)																	
EWB	EDB	20			25			30			32			35			40		
(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14.0	20	5.84	4.25	1.34	5.57	4.12	1.47	5.31	3.98	1.60	5.20	3.93	1.65	5.04	3.85	1.73	4.78	3.72	1.86
16.0	22	6.10	4.18	1.35	5.84	4.05	1.48	5.57	3.93	1.61	5.47	3.88	1.66	5.31	3.80	1.74	5.04	3.68	1.86
18.0	25	6.36	4.36	1.36	6.10	4.25	1.49	5.83	4.13	1.62	5.73	4.08	1.67	5.57	4.01	1.75	5.30	3.90	1.87
19.0	27	6.50	4.59	1.36	6.23	4.48	1.49	5.97	4.36	1.62	5.86	4.32	1.67	5.70	4.25	1.75	5.43	4.14	1.88
22.0	30	6.89	4.42	1.38	6.62	4.32	1.51	6.36	4.22	1.64	6.25	4.18	1.68	6.09	4.12	1.76	5.83	4.03	1.89
24.0	32	7.15	4.30	1.38	6.89	4.21	1.51	6.62	4.12	1.64	6.52	4.08	1.69	6.36	4.03	1.77	6.09	3.94	1.90

Heating

50Hz 220-240V

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

Indoor		Outdoor temp. (°CWB)											
EDB		-15		-10		-5		0		6		10	
(°C)		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15.0		4.03	1.74	4.85	1.84	5.66	1.93	6.47	2.01	7.45	2.12	8.10	2.20
20.0		3.79	1.80	4.60	1.88	5.41	1.97	6.22	2.07	7.20	2.17	7.85	2.24
22.0		3.69	1.81	4.50	1.90	5.31	2.00	6.12	2.08	7.10	2.19	7.75	2.26
24.0		3.59	1.83	4.40	1.93	5.21	2.01	6.03	2.10	7.00	2.20	7.51	2.28
25.0		3.54	1.85	4.35	1.93	5.16	2.02	5.98	2.11	6.95	2.22	7.28	2.29
27.0		3.44	1.86	4.25	1.95	5.06	2.04	5.88	2.14	6.81	2.24	6.81	2.31

3D086560

SYMBOLS

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

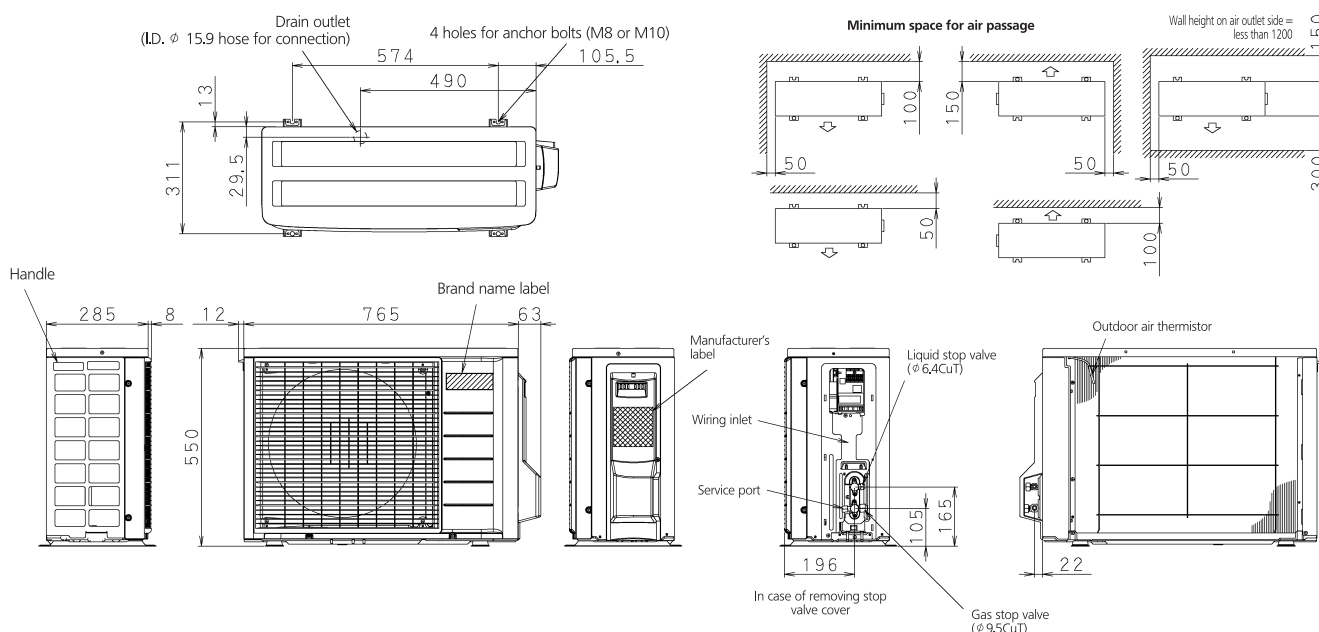
NOTES

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

5 Dimensional drawings

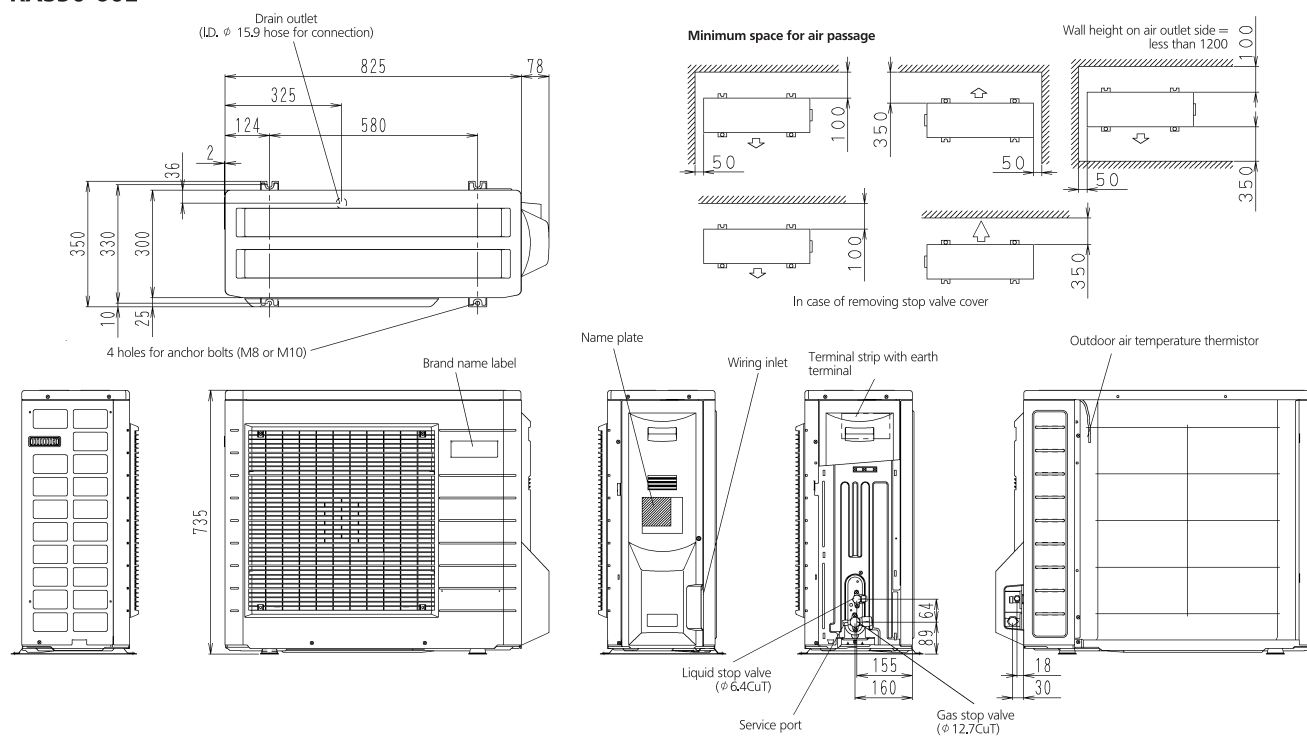
5 - 1 Dimensional Drawings

RXS20-42L



3D055546H

RXS50-60L



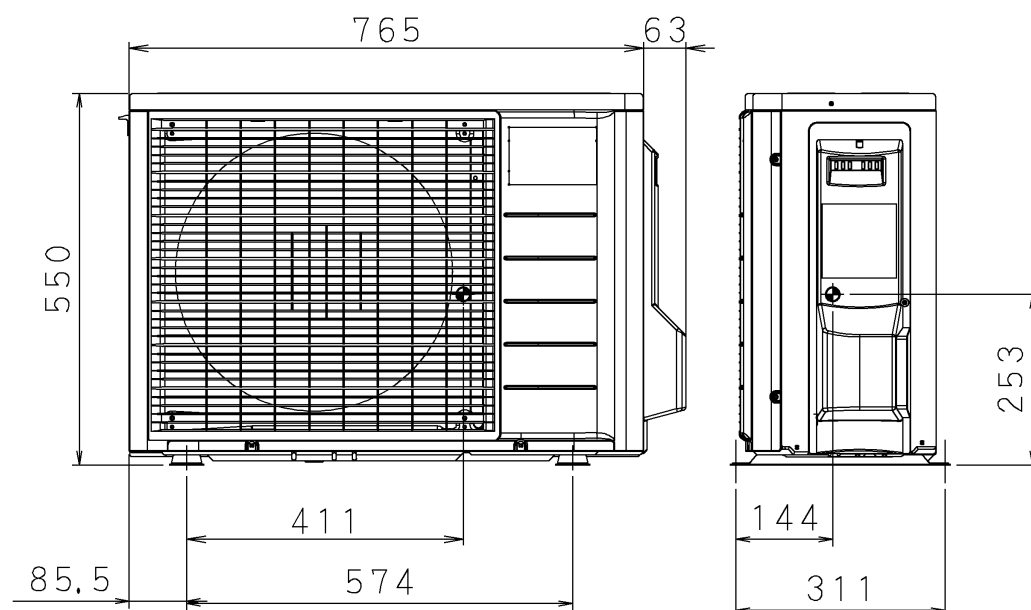
3D051657U

6 Centre of gravity

6 - 1 Centre of Gravity

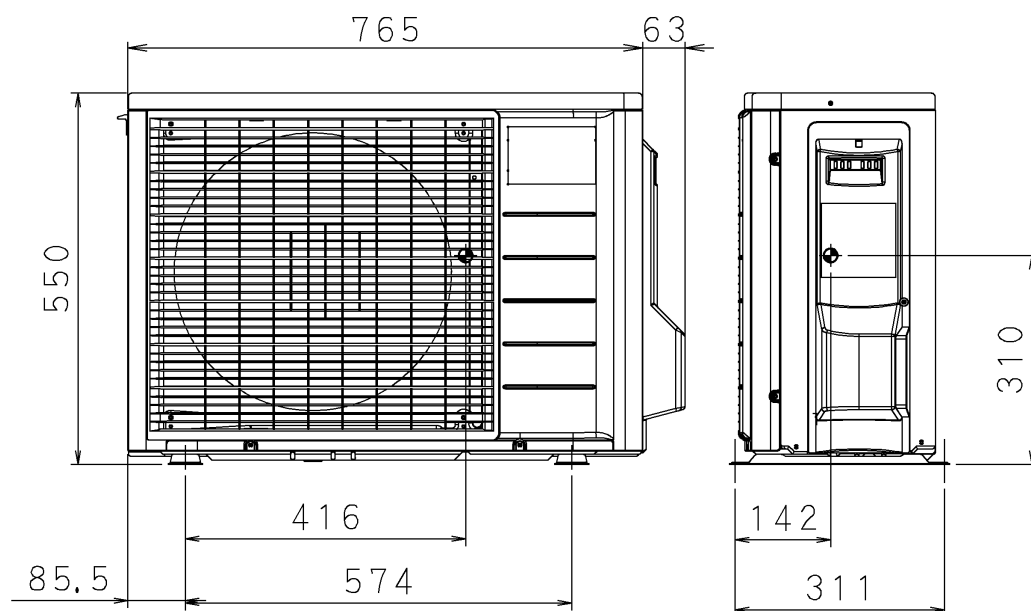
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RXS20-35L



4D080609A

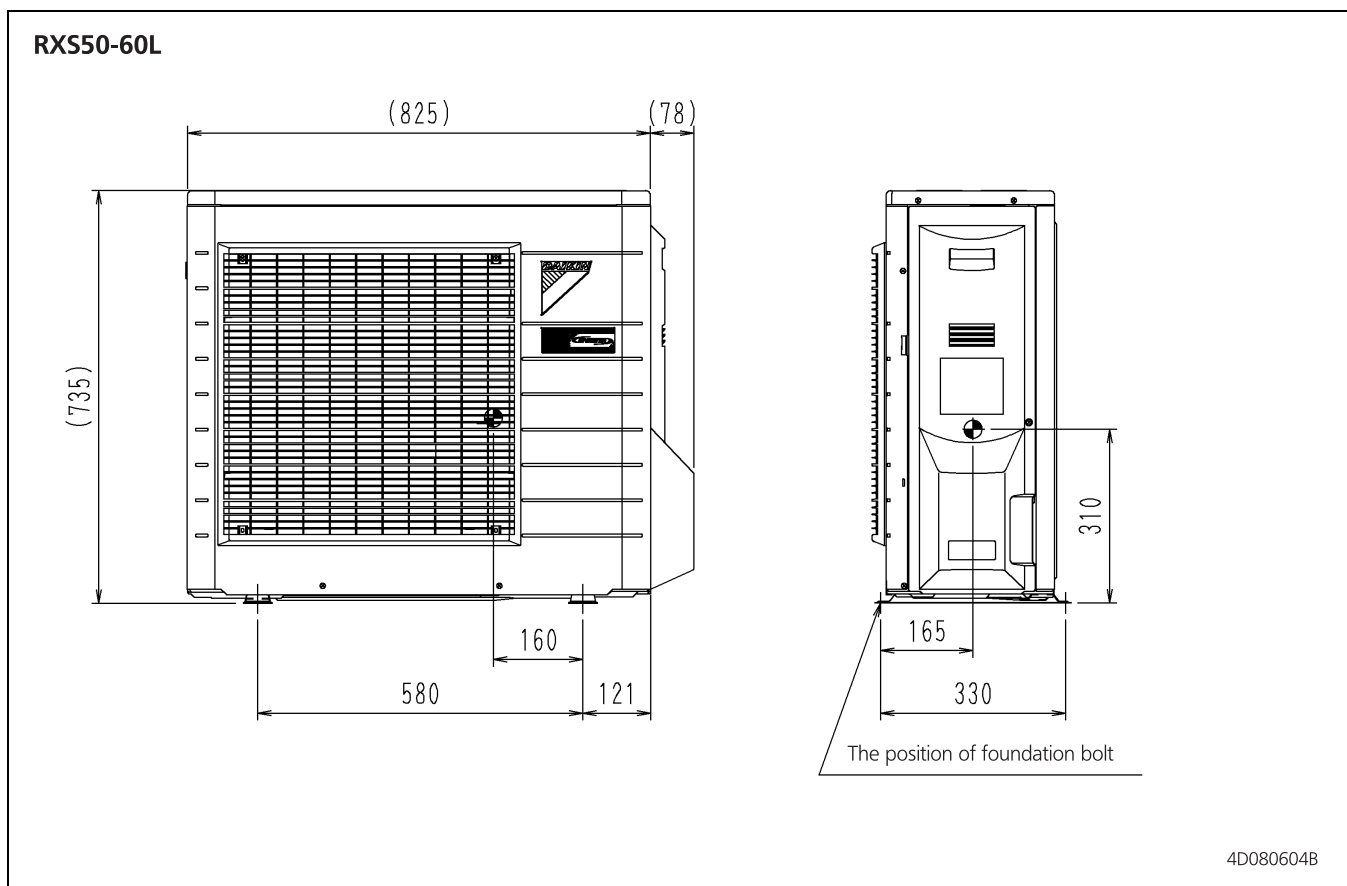
RXS42L



4D059009N

6 Centre of gravity

6 - 1 Centre of Gravity

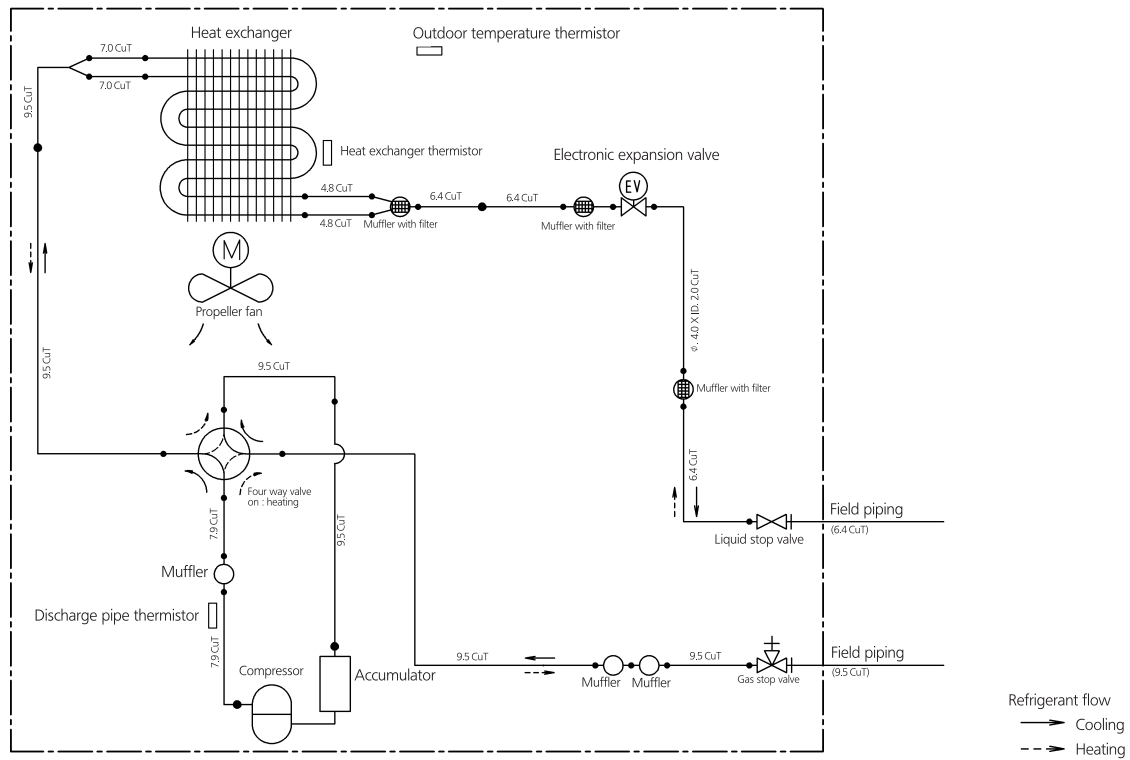


7 Piping diagrams

7 - 1 Piping Diagrams

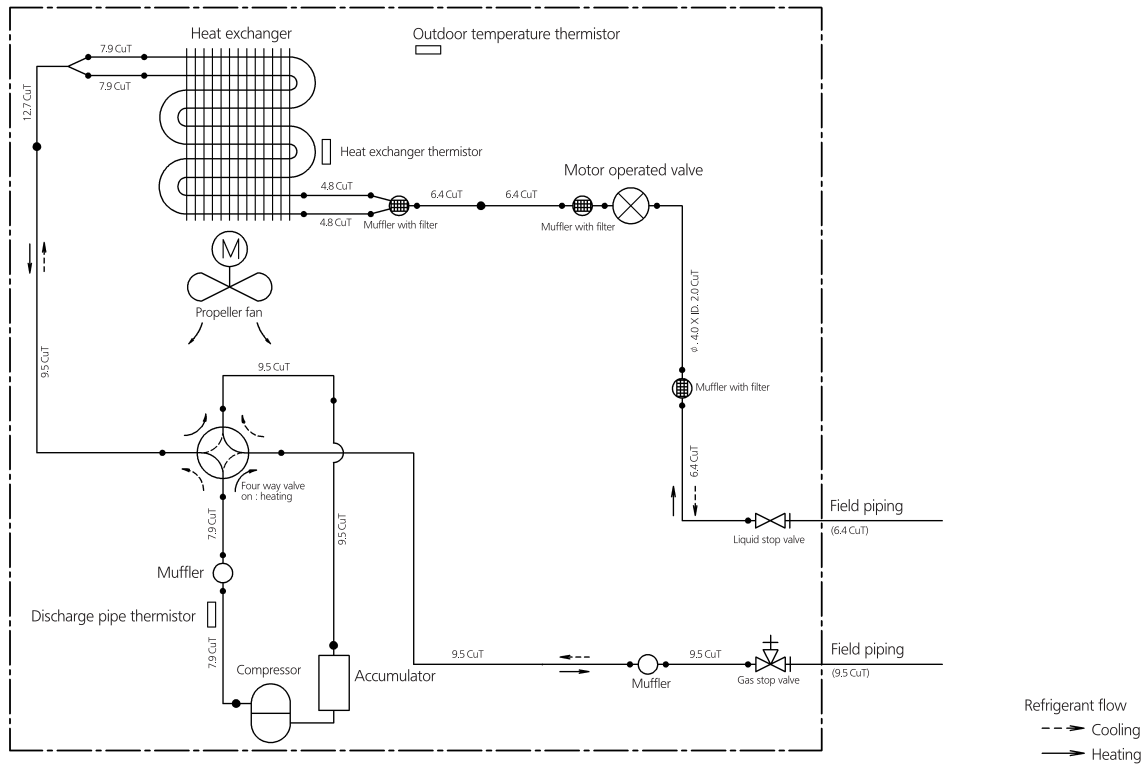
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RXS20-35L



3D059586T

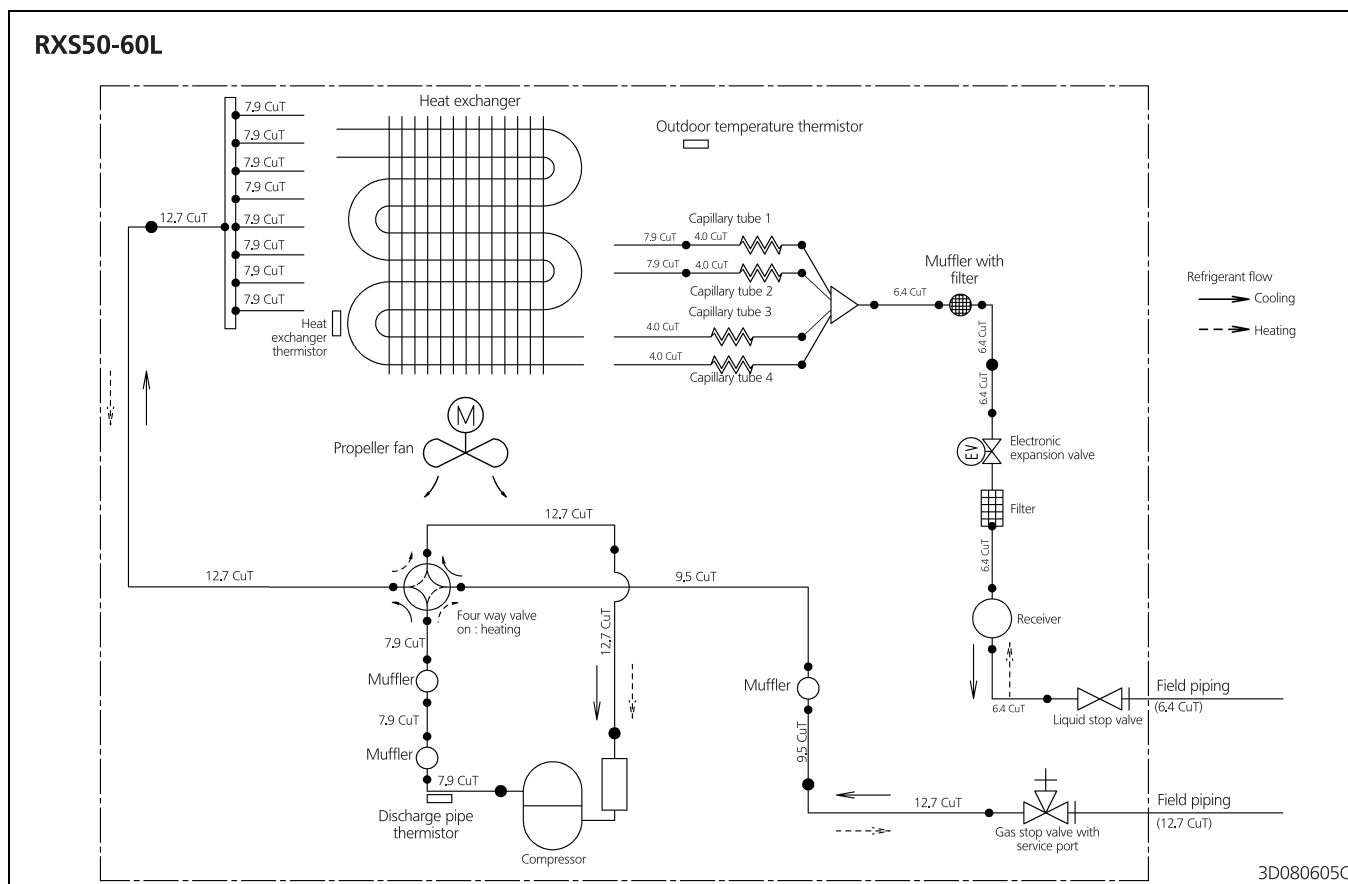
RXS42L



3D059590F

7 Piping diagrams

7 - 1 Piping Diagrams

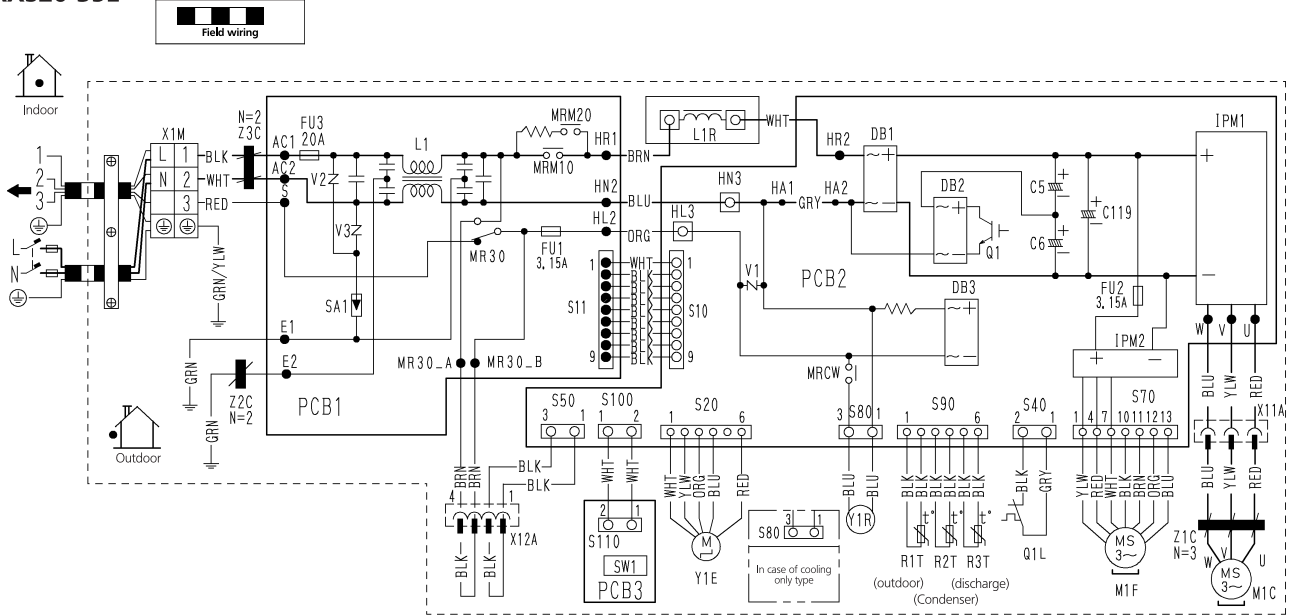


8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

8

RXS20-35L



C5,C6,C119 : Capacitor
DB1,DB2,DB3 : Diode bridge
FU1,FU2,FU3 : Fuse
IPM1,IPM2 : Intelligent power module
L : Live
L1 : Coil
L1R : Reactor
M1C : Compressor motor
M1F : Fan motor
MRCW,MR30,MRM10,MRM20 : Magnetic relay

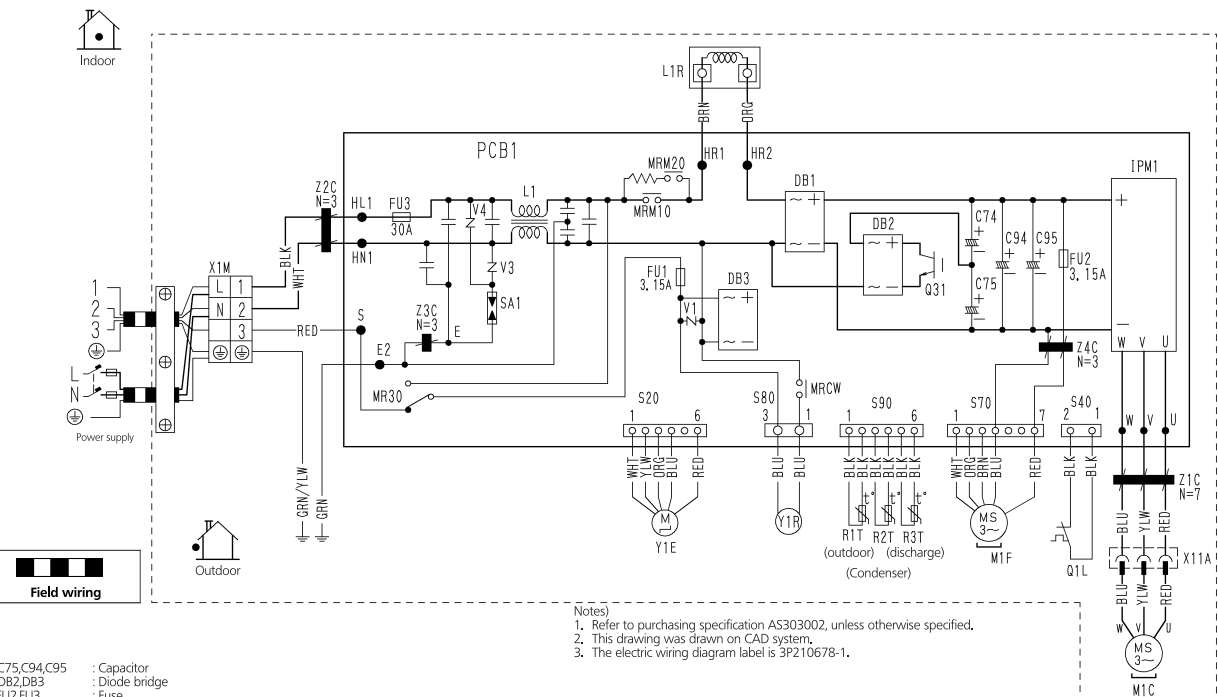
N : Neutral
Q1L : Overload protector
PCB1,PCB2,PCB3 : Printed circuit board
S10,S11,S20,S40 : Connector
S50,S70,S80,S90 : Thermistor
HN3,X11A,X12A : Connector
R1T,R2T,R3T : Thermistor

SA1 : Surge arrester
SW1 : Forced operation switch
V1,V2,V3 : Varistor
X1M : Terminal strip
Y1E : Electronic expansion valve coil
Y1R : Reversing solenoid valve coil
Z1C,Z2C,Z3C : Ferrite core
⊕ : Protective earth

- Notes)
1. Size: Length 105 X Width 185.
2. Refer to purchasing specification AS(Y)303002, unless otherwise specified.
3. This drawing was drawn on CAD system.
4. Refer to the nameplate for the power requirements.

3D065704H

RXS42L



C74,C75,C94,C95 : Capacitor
DB1,DB2,DB3 : Diode bridge
FU1,FU2,FU3 : Fuse
IPM1 : Intelligent power module
L : Live
L1 : Coil
L1R : Reactor
M1C : Compressor motor
M1F : Fan motor
MRCW,MRM10,MRM20,MR30 : Magnetic relay

N : Neutral
PCB1 : Printed circuit board
Q1L : Overload protector
R1T-R3T : Thermistor
SA1 : Surge arrester
Q31 : IGBT
V1,V3,V4 : Varistor

X1M : Terminal strip
Y1E : Electronic expansion valve coil
Y1R : Reversing solenoid valve coil
Z1C,Z2C,Z3C,Z4C : Ferrite core
⊕ : Protective earth
S20,S40,S70,S80,S90,X11A : Connector

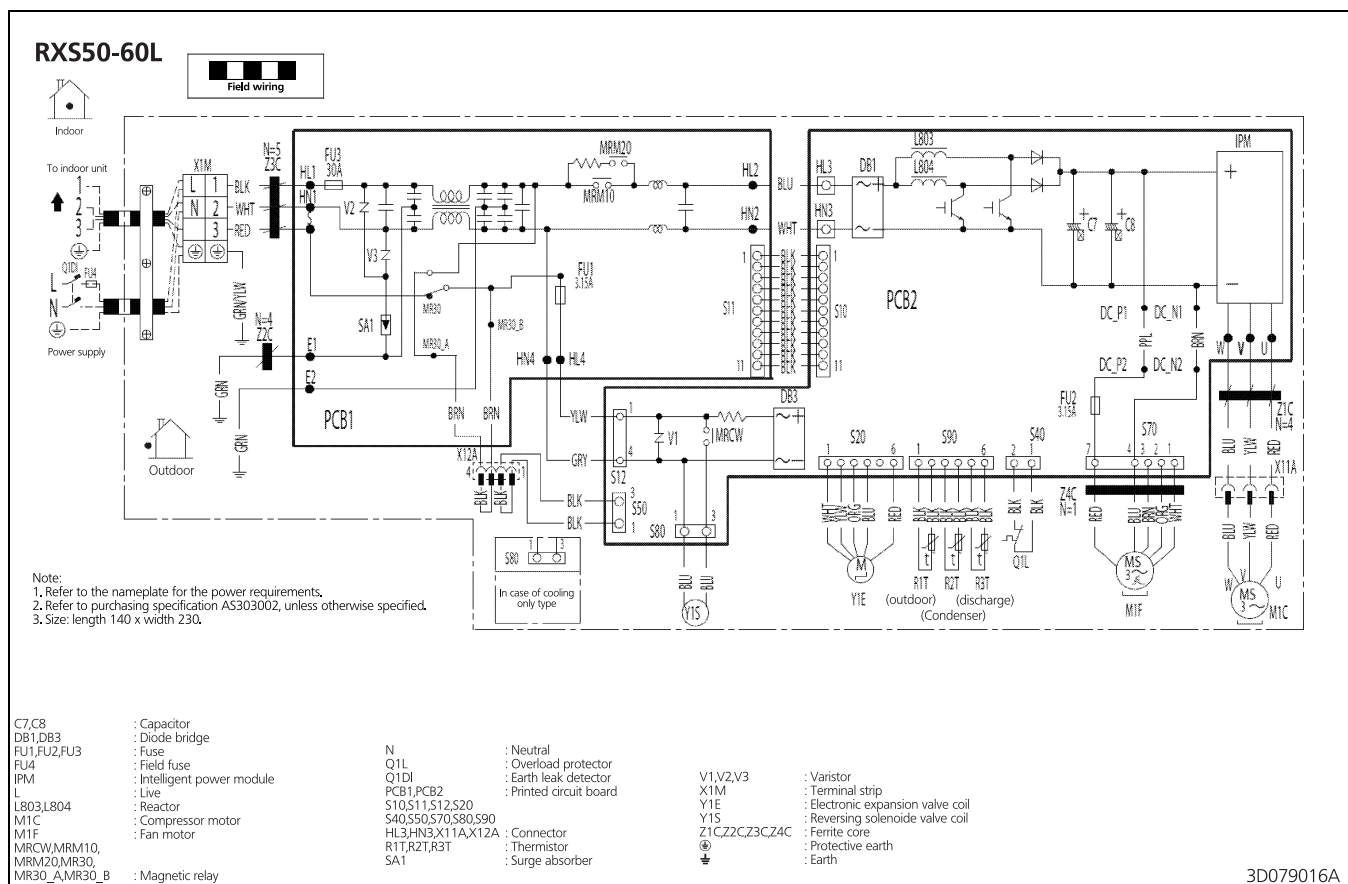
BLK : Black
BLU : Blue
BRN : Brown
GRN : Green
ORG : Orange
RED : Red
WHT : White
YLW : Yellow

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

3D059601C

8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

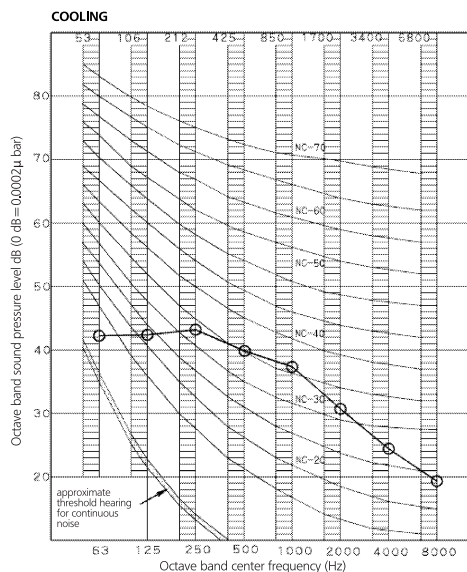


9 Sound data

9 - 1 Sound Pressure Spectrum - Cooling

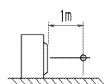
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RXS20-25L



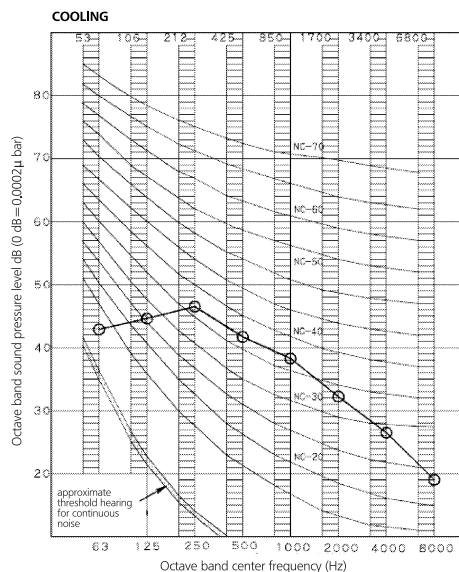
NOTES

- Overall (dB)
Scale: 50Hz, 220-240V (H)
A: 46
(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240V 50Hz
○ ○
Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



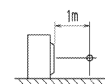
3D086587

RXS35L



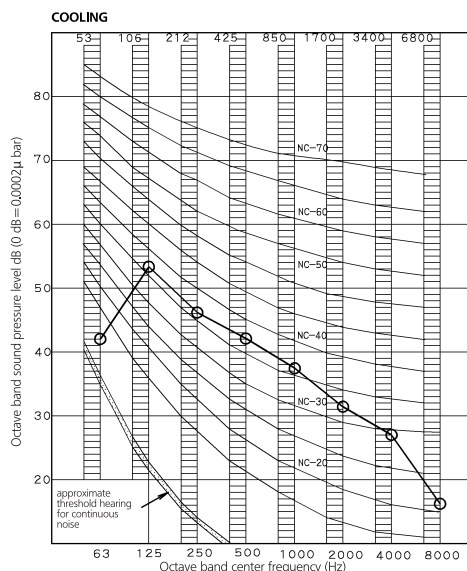
NOTES

- Overall (dB)
Scale: 50Hz, 220-240V (H)
A: 48
(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240V 50Hz
○ ○
Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



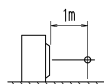
3D086588

RXS42L



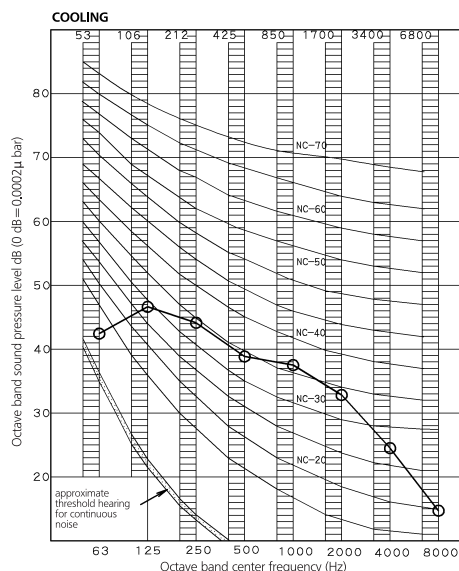
NOTES

- Overall (dB)
Scale: 50Hz, 220-240V (H)
A: 48
(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240V 50Hz
○ ○
Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



3D059597F

RXS50L



NOTES

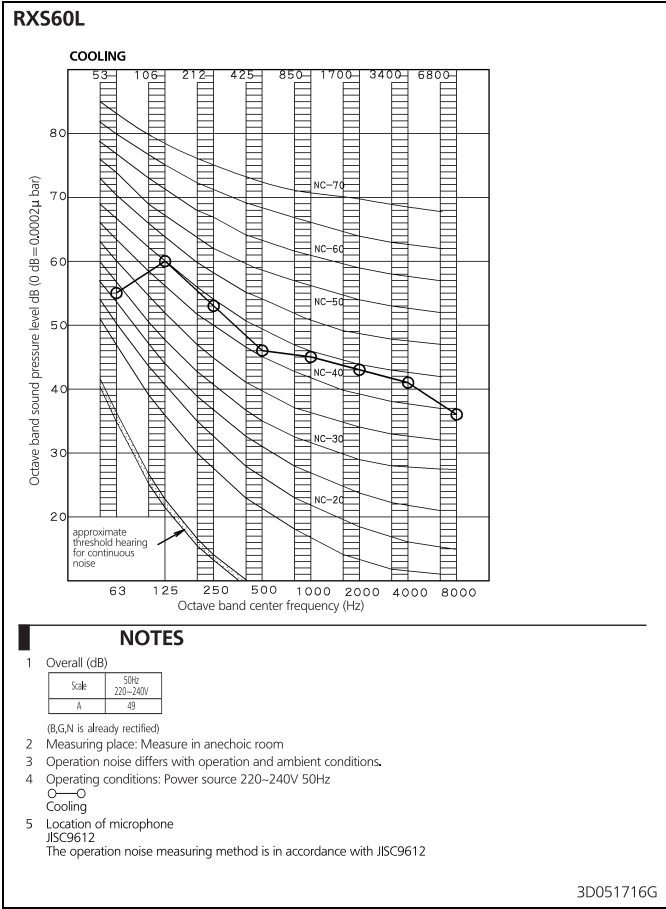
- Overall (dB)
Scale: 50Hz, 220-240V (H)
A: 48
(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240V 50Hz
○ ○
Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



3D059740J

9 Sound data

9 - 1 Sound Pressure Spectrum - Cooling

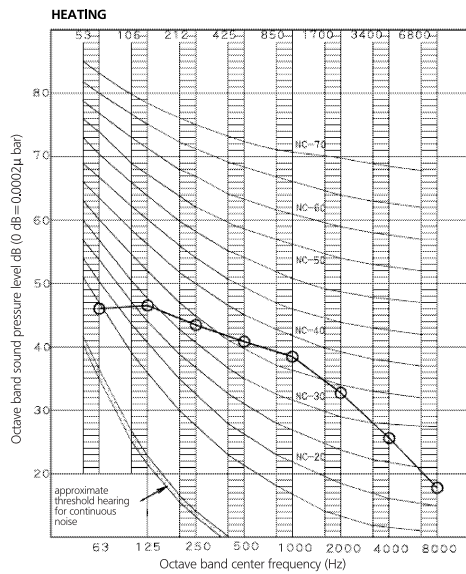


9 Sound data

9 - 2 Sound Pressure Spectrum - Heating

9

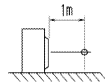
RXS20-25L



NOTES

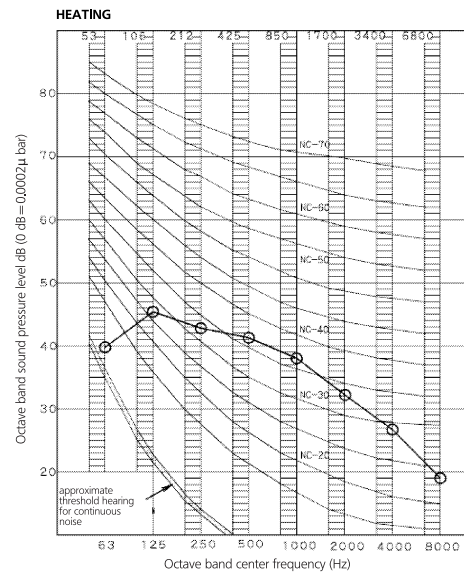
- Overall (dB)

Scale	50Hz
A	47
- (B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V 50Hz
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



3D086587

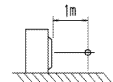
RXS35L



NOTES

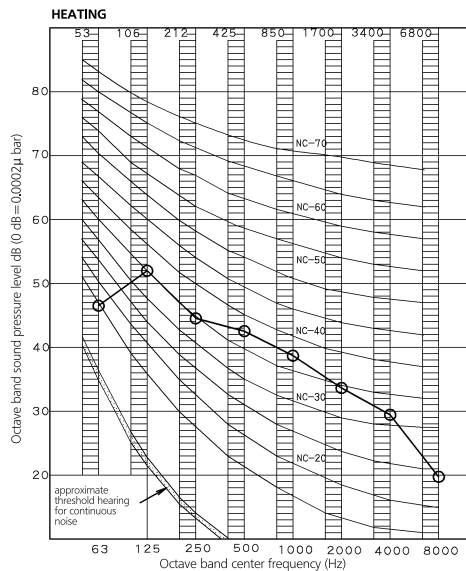
- Overall (dB)

Scale	50Hz
A	48
- (B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V 50Hz
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



3D086588

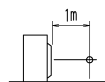
RXS42L



NOTES

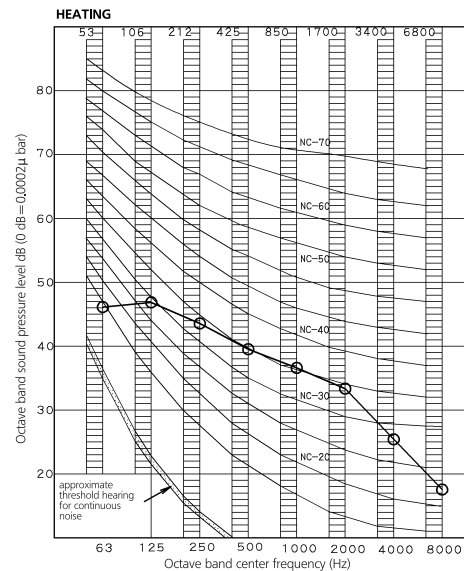
- Overall (dB)

Scale	50Hz
A	48
- (B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V 50Hz
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



3D059597F

RXS50L



NOTES

- Overall (dB)

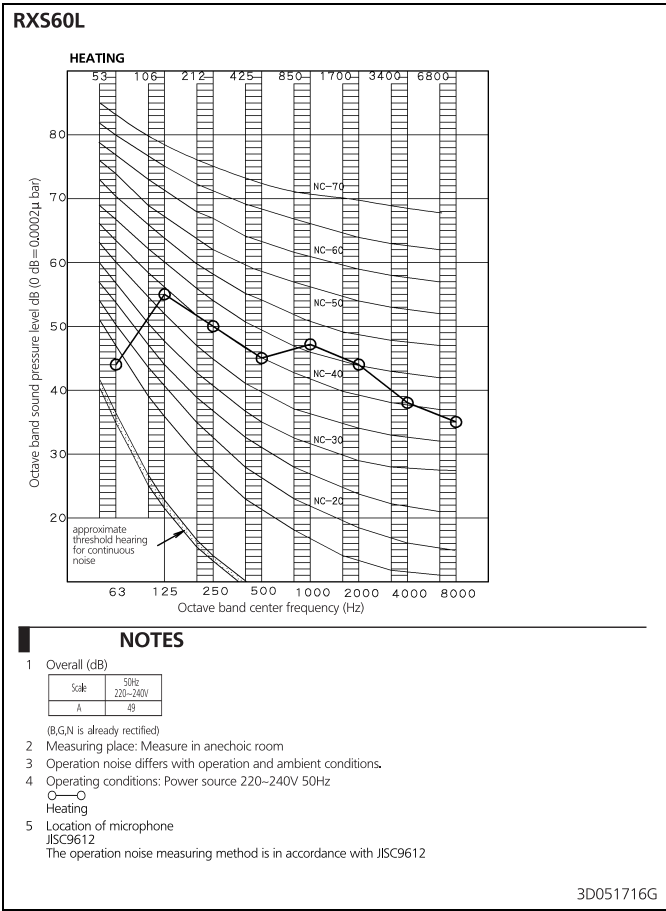
Scale	50Hz
A	48
- (B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V 50Hz
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



3D059740J

9 Sound data

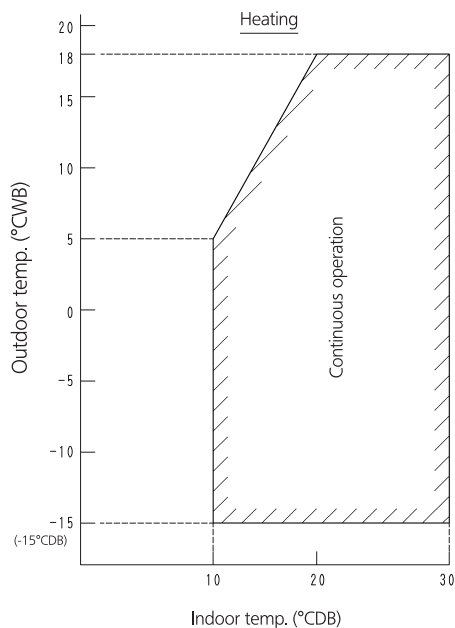
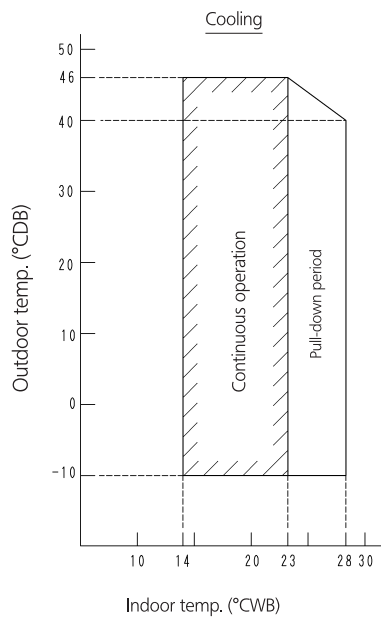
9 - 2 Sound Pressure Spectrum - Heating



10 Operation range

10 - 1 Operation Range

RXS-L/F8

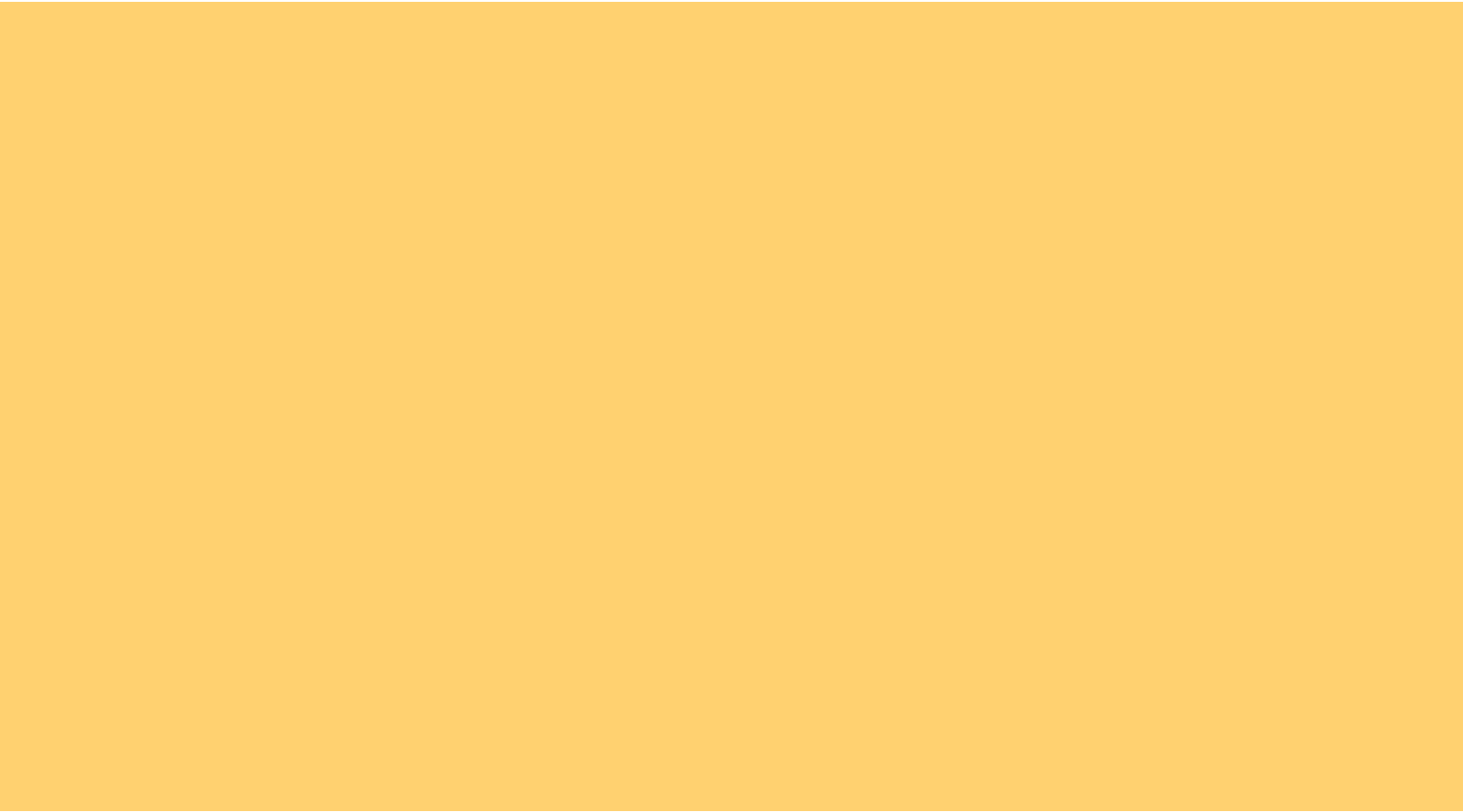


Notes:

The graphs are based on the following conditions:

- Equivalent piping length 5.0 m
- Level difference 0 m
- Air flow rate high

3D028318W



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