

Air Conditioning Technical Data RXA-A9

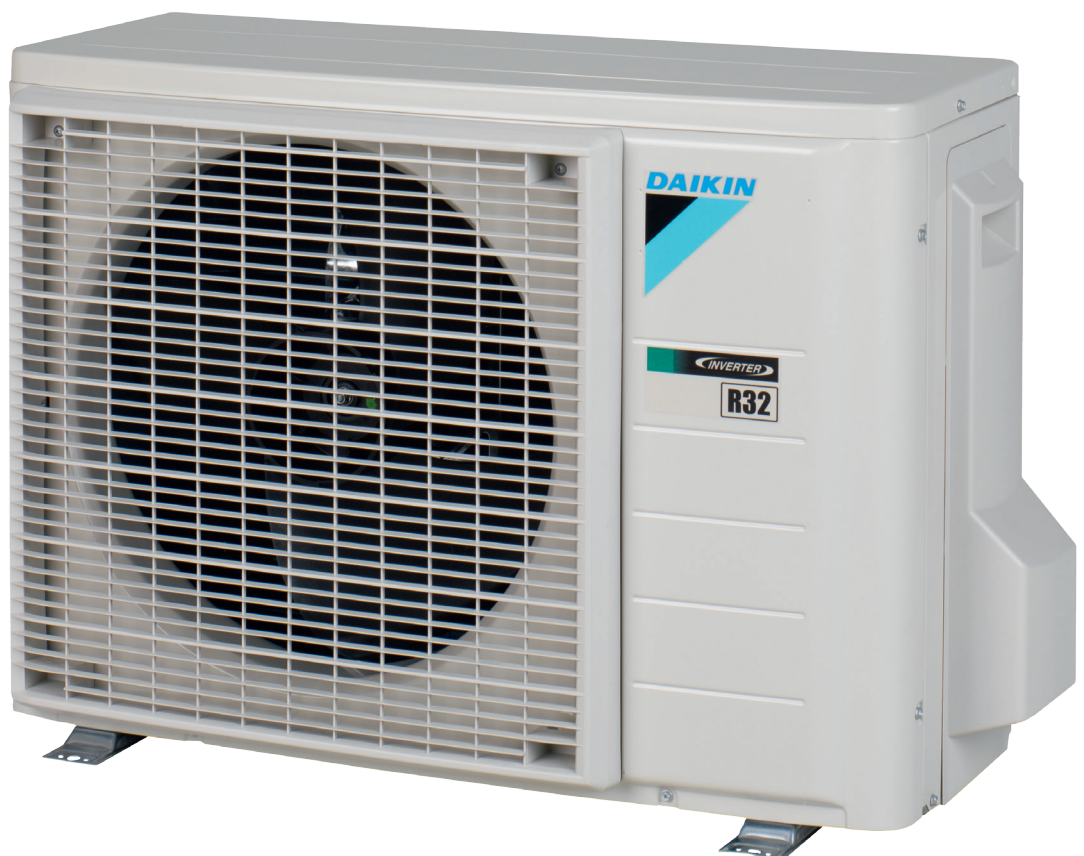


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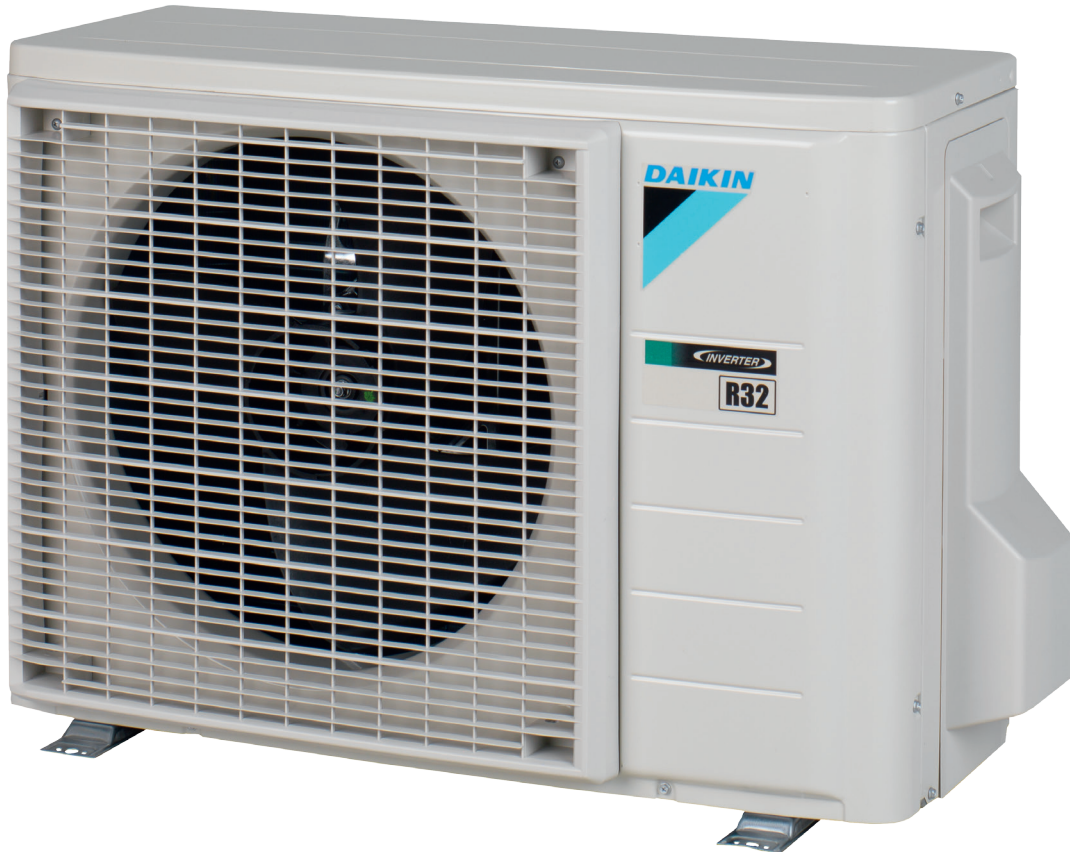
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1 Features

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- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- › Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- › Outdoor units for pair application

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Outdoor
unit silent
operation

2 Specifications

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Technical specifications				FTXA20AS + RXA20A9	FTXA25AS + RXA25A9	FTXA35AS + RXA35A9
Indoor unit				FTXA20A2V1BS	FTXA25A2V1BS	FTXA35A2V1BS
Outdoor unit				RXA20A5V1B9	RXA25A5V1B9	RXA35A5V1B9
Cooling capacity	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.00	2.50	3.40
	Nom.		Btu/h	6,800	8,500	11,600
	Nom.		kcal/h	1,720	2,150	2,920
	Max.		kW	2.60	3.20	4.00
	Max.		Btu/h	8,900	10,900	13,600
	Max.		kcal/h	2,240	2,750	3,440
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.00	2.50	3.40
	Nom.		Btu/h	6,800	8,500	11,600
	Nom.		kcal/h	1,720	2,150	2,920
	Max.		kcal/h	-		
	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
Heating capacity	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
	Nom.		kcal/h	2,150	2,410	3,440
	Max.		kW	3.50	4.70	5.20
	Max.		Btu/h	11,900	16,000	17,700
	Max.		kcal/h	3,010	4,040	4,470
	Min.		kW	1.30 / 1,120		1.40 / 1,200
	Min.		Btu/h	4,400		4,800
Heating capacity - Low sound mode (Stb. 2020, 189)	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
	Nom.		kcal/h	2,150	2,410	3,440
	Nom.		kcal/h	-		
Power input	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
		Max.	kW	0.63	0.78	1.04
	Heating	Min.	kW	0.25		0.26
		Nom.	kW	0.50	0.56	0.99
		Max.	kW	0.91	1.22	1.67
Power input - Low sound mode (Stb. 2020, 189)	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	Heating	Min.	kW	0.25		0.26
		Nom.	kW	0.50	0.56	0.99
Nominal efficiency	EER			4.70	4.46	4.37
	COP			5.00		4.04
	Energy labeling Directive	Cooling		A		
		Heating		A		
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER			4.65	4.42	4.37
	COP			5.00		
Space cooling	Energy efficiency class			A+++		
	Capacity	Pdesign	kW	2.00	2.50	3.40
	SEER			8.75	8.74	8.73
	Annual energy consumption		kWh/a	80	100	136
Space cooling - Low sound mode (Stb. 2020, 189)	Capacity	Pdesign	kW	2.00	2.50	3.40
	SEER			8.73		
	Annual energy consumption		kWh/a	80	100	136
	Capacity	Pdesign	kW	2.40	2.45	2.50
Space heating (Average climate)	Energy efficiency class			A+++		
	SCOP/A			5.15		
	SCOPnet/A			5.19	5.18	
	PdH Heating capacity at -10°		kW	2.19	2.30	2.36
	Annual energy consumption		kWh/a	653	666	680
	Required back up heating cap at design conditions		kW	0.21	0.15	0.14
	Capacity	Pdesign	kW	2.40	2.45	2.50
	SCOP/A			5.00		
Space heating - Low sound mode (Stb. 2020, 189)	SCOPnet/A			5.04	5.03	
	PdH Heating capacity at -10°		kW	2.19	2.30	2.36
	Annual energy consumption		kWh/a	672	686	700
	Required back up heating cap at design conditions		kW	0.21	0.15	0.14

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Technical specifications				FTXA20AS + RXA20A9	FTXA25AS + RXA25A9	FTXA35AS + RXA35A9
Space heating (Warm climate)	Capacity	Pdesignh	kW	1.75	1.87	2.00
	Energy efficiency class			A+++		
	SCOP			6.26		6.28
	SCOPnet			6.42		
	Annual energy consumption			392	418	446
Space heating (Warm climate)	Required back up heating cap at design conditions			0.00		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Capacity	Pdesign	kW	1.75	1.87	2.00
	SCOP			6.25		6.27
	SCOPnet			6.41	6.40	6.41
	Annual energy consumption			392	419	447
	Required back up heating cap at design conditions			0.00		
Space cooling	A Condi- tion (35°C - 27/19)	Pdc	kW	2.00	2.50	3.40
		EERd		4.70	4.46	4.37
		Power input	kW	0.43	0.56	0.78
	B Condi- tion (30°C - 27/19)	Pdc	kW	1.47	1.84	2.51
		EERd		6.96	6.79	6.28
		Power input	kW	0.21	0.27	0.40
	C Condi- tion (25°C - 27/19)	Pdc	kW	0.95	1.18	1.61
		EERd		10.37	10.35	10.58
		Power input	kW	0.09	0.11	0.15
	D Condi- tion (20°C - 27/19)	Pdc	kW	1.27	1.29	1.33
		EERd		16.36	16.30	16.21
		Power input	kW	0.08		
	A Condi- tion (35°C - 27/19)	Pdc	kW	2.00	2.50	3.40
		EERd		4.65	4.42	4.37
		Power input	kW	0.43	0.57	0.78
Space cooling - Low sound mode (Stb. 2020, 189)	B Condi- tion (30°C - 27/19)	Pdc	kW	1.47	1.84	2.51
		EERd		6.92	6.78	6.28
		Power input	kW	0.21	0.27	0.40
	C Condi- tion (25°C - 27/19)	Pdc	kW	0.95	1.18	1.61
		EERd		10.37	10.35	10.58
		Power input	kW	0.09	0.11	0.15
	D Condi- tion (20°C - 27/19)	Pdc	kW	1.27	1.29	1.33
		EERd		16.36	16.30	16.21
		Power input	kW	0.08		
	TOL	Tol (temperature operating limit)	°C	-15		
		Pdh (declared heating cap)	kW	2.31	2.52	2.62
		COPd (declared COP)		2.48	2.36	2.30
	TBivalent	Power input	kW	0.93	1.07	1.14
		Tbiv (bivalent temperature)	°C	-7		
		Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.56	3.59	3.58
Space heating (Average climate)	TBivalent	Power input	kW	0.60		0.62
		Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.56	3.59	3.58
	A Condi- tion (-7°C)	Power input	kW	0.60		0.62
		Pdh (declared heating cap)	kW	1.29	1.32	1.35
		COPd (declared COP)		5.24	5.22	5.19
	B Condi- tion (2°C)	Power input	kW	0.25		0.26
		Pdh (declared heating cap)	kW	0.92	0.94	
		COPd (declared COP)		6.27	6.25	6.19
	C Condi- tion (7°C)	Power input	kW	0.15		
		Pdh (declared heating cap)	kW	1.10		
		COPd (declared COP)		8.05	8.02	7.97
	D Condi- tion (12°C)	Power input	kW	0.14		

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Technical specifications					FTXA20AS + RXA20A9	FTXA25AS + RXA25A9	FTXA35AS + RXA35A9
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit) °C			-15		
		Pdh (declared heating cap) kW			2.31	2.52	2.62
		COPd (declared COP)			2.31	2.21	2.18
		Power input kW			1.00	1.14	1.20
	TBivalent	Tbiv (bivalent temperature) °C			-7		
		Pdh (declared heating cap) kW			2.12	2.17	2.21
		COPd (declared COP)			3.32	3.35	3.34
		Power input kW			0.64		0.66
	A Condition (-7°C)	Pdh (declared heating cap) kW			2.12	2.17	2.21
		COPd (declared COP)			3.32	3.35	3.34
		Power input kW			0.64		0.66
	B Condition (2°C)	Pdh (declared heating cap) kW			1.29	1.32	1.35
		COPd (declared COP)			5.06	5.04	5.02
		Power input kW			0.25	0.26	0.27
	C Condition (7°C)	Pdh (declared heating cap) kW			0.92	0.94	
		COPd (declared COP)			6.27	6.25	6.19
		Power input kW			0.15		
	D Condition (12°C)	Pdh (declared heating cap) kW			1.10		
		COPd (declared COP)			8.05	8.02	7.97
		Power input kW			0.14		
Space heating (Warm climate)	TOL	Tol (temperature operating limit) °C			-15		
		Pdh (declared heating cap) kW			2.31	2.52	2.62
		COPd (declared COP)			2.48	2.36	2.30
		Power input kW			0.93	1.07	1.14
Space heating (Warm climate)	TBivalent	Tbiv (bivalent temperature) °C			2		
		Pdh (declared heating cap) kW			1.75	1.87	2.00
		COPd (declared COP)			4.76	4.67	4.64
		Power input kW			0.37	0.40	0.43
	B Condition (2°C)	Pdh (declared heating cap) kW			1.75	1.87	2.00
		COPd (declared COP)			4.76	4.67	4.64
		Power input kW			0.37	0.40	0.43
	C Condition (7°C)	Pdh (declared heating cap) kW			1.16	1.20	1.29
		COPd (declared COP)			6.15	6.12	6.11
		Power input kW			0.19	0.20	0.21
	D Condition (12°C)	Pdh (declared heating cap) kW			1.10		
		COPd (declared COP)			8.05	8.02	7.97
		Power input kW			0.14		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit) °C			-15		
		Pdh (declared heating cap) kW			2.31	2.52	2.62
		COPd (declared COP)			2.31	2.21	2.18
		Power input kW			1.00	1.14	1.20
	TBivalent	Tbiv (bivalent temperature) °C			2		
		Pdh (declared heating cap) kW			1.75	1.87	2.00
		COPd (declared COP)			4.59	4.51	4.49
		Power input kW			0.38	0.41	0.45
	B Condition (2°C)	Pdh (declared heating cap) kW			1.75	1.87	2.00
		COPd (declared COP)			4.59	4.51	4.49
		Power input kW			0.38	0.41	0.45
	C Condition (7°C)	Pdh (declared heating cap) kW			1.16	1.20	1.29
		COPd (declared COP)			6.15	6.12	6.11
		Power input kW			0.19	0.20	0.21
	D Condition (12°C)	Pdh (declared heating cap) kW			1.10		
		Power input kW			0.14		
		COPd (declared COP)			8.05	8.02	7.97
Power consumption in other than active mode	Crankcase heater mode	PCK W			0.0		
		Off mode POFF W			0.5		
	Standby mode	Cooling PSB W	0.5				
		Heating PSB W	0.5				
	Thermostat-off mode	PTO Cooling W	7				
		Heating W	13				
Cooling	Cdc (Degradation cooling)				0.25		
Heating	Cdh (Degradation heating)				0.25		
Cooling function included					Yes		
Heating function included					Yes		
Average climate included					Yes		
Cold season included					No		
Warm season included					Yes		
Ecolabel logo					No		

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Technical specifications					FTXA20AS + RXA20A9	FTXA25AS + RXA25A9	FTXA35AS + RXA35A9
Eurovent	Sound power level outdoor	Cooling	Nom.	dBa	59		61
	Sound power level indoor	Cooling	Nom.	dBa	57		60
	Piping length	Cooling	Measuring condition	m	5.0		

Electrical specifications					FTXA20AS + RXA20A9	FTXA25AS + RXA25A9	FTXA35AS + RXA35A9
Power factor	Nominal	Cooling	%		91.73	93.94	95.64
		Heating	%		93.11	93.94	98.09
Current	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4
	Nominal running current (RLA)	Cooling	A		2.0	2.6	3.6

Technical specifications					FTXA20AT + RXA20A9	FTXA25AT + RXA25A9	FTXA35AT + RXA35A9
Indoor unit					FTXA20A2V1BT	FTXA25A2V1BT	FTXA35A2V1BT
Outdoor unit					RXA20A5V1B9	RXA25A5V1B9	RXA35A5V1B9
Cooling capacity	Min.		kW		1.30		1.40
	Min.		Btu/h		4,400		4,800
	Min.		kcal/h		1,120		1,200
	Nom.		kW		2.00	2.50	3.40
	Nom.		Btu/h		6,800	8,500	11,600
	Nom.		kcal/h		1,720	2,150	2,920
	Max.		kW		2.60	3.20	4.00
	Max.		Btu/h		8,900	10,900	13,600
Cooling capacity - Low sound mode (Stb. 2020, 189)	Max.		kcal/h		2,240	2,750	3,440
	Min.		kW		1.30		1.40
	Min.		Btu/h		4,400		4,800
	Min.		kcal/h		1,120		1,200
	Nom.		kW		2.00	2.50	3.40
	Nom.		Btu/h		6,800	8,500	11,600
	Nom.		kcal/h		1,720	2,150	2,920
	Max.		kcal/h			-	
Heating capacity	Min.		kW		1.30		1.40
	Min.		Btu/h		4,400		4,800
	Min.		kcal/h		1,120		1,200
	Nom.		kW		2.50	2.80	4.00
	Nom.		Btu/h		8,500	9,600	13,600
	Nom.		kcal/h		2,150	2,410	3,440
	Max.		kW		3.50	4.70	5.20
	Max.		Btu/h		11,900	16,000	17,700
Heating capacity - Low sound mode (Stb. 2020, 189)	Max.		kcal/h		3,010	4,040	4,470
	Min.		kW		1.30 / 1,120		1.40 / 1,200
	Min.		Btu/h		4,400		4,800
	Nom.		kW		2.50	2.80	4.00
	Nom.		Btu/h		8,500	9,600	13,600
	Nom.		kcal/h		2,150	2,410	3,440
	Cooling	Min.	kW		0.27		0.31
		Nom.	kW		0.43	0.56	0.78
		Max.	kW		0.63	0.78	1.04
Power input	Heating	Min.	kW		0.25		0.26
		Nom.	kW		0.50	0.56	0.99
		Max.	kW		0.91	1.22	1.67
Power input - Low sound mode (Stb. 2020, 189)	Cooling	Min.	kW		0.27		0.31
		Nom.	kW		0.43	0.56	0.78
	Heating	Min.	kW		0.25		0.26
		Nom.	kW		0.50	0.56	0.99
Nominal efficiency	EER				4.70	4.46	4.37
		COP			5.00		4.04
	Energy labeling Directive	Cooling				A	
		Heating				A	
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER				4.65	4.42	4.37
		COP				5.00	
Space cooling	Energy efficiency class					A+++	
	Capacity	Pdesign	kW		2.00	2.50	3.40
	SEER				8.75	8.74	8.73
	Annual energy consumption				80	100	136

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Technical specifications				FTXA20AT + RXA20A9	FTXA25AT + RXA25A9	FTXA35AT + RXA35A9
Space cooling - Low sound mode (Stb. 2020, 189)	Capacity Pdesign	kW		2.00	2.50	3.40
	SEER				8.73	
	Annual energy consumption	kWh/a		80	100	136
	Capacity Pdesign	kW		2.40	2.45	2.50
	Energy efficiency class				A+++	
	SCOP/A				5.15	
	SCOPnet/A			5.19		5.18
	Pdh Heating capacity at -10°	kW		2.19	2.30	2.36
	Annual energy consumption	kWh/a		653	666	680
	Required back up heating cap at design conditions	kW		0.21	0.15	0.14
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	Capacity Pdesign	kW		2.40	2.45	2.50
	SCOP/A				5.00	
	SCOPnet/A			5.04		5.03
	Pdh Heating capacity at -10°	kW		2.19	2.30	2.36
	Annual energy consumption	kWh/a		672	686	700
	Required back up heating cap at design conditions	kW		0.21	0.15	0.14
	Capacity Pdesignh	kW		1.75	1.87	2.00
	Energy efficiency class				A+++	
	SCOP				6.26	6.28
	SCOPnet				6.42	
Space heating (Warm climate) Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Annual energy consumption	kWh/a		392	418	446
	Required back up heating cap at design conditions	kW			0.00	
	Capacity Pdesign	kW		1.75	1.87	2.00
	SCOP				6.25	6.27
	SCOPnet			6.41	6.40	6.41
	Annual energy consumption	kWh/a		392	419	447
	Required back up heating cap at design conditions	kW			0.00	
	A Condi- tion (35°C - 27/19)	Pdc EERd	kW	2.00 4.70	2.50 4.46	3.40 4.37
	B Condi- tion (30°C - 27/19)	Pdc EERd	kW	1.47 6.96	1.84 6.79	2.51 6.28
	C Condi- tion (25°C - 27/19)	Pdc EERd	kW	0.95 10.37	1.18 10.35	1.61 10.58
Space cooling - Low sound mode (Stb. 2020, 189)	D Condi- tion (20°C - 27/19)	Pdc EERd	kW	1.27 16.36	1.29 16.30	1.33 16.21
		Power input	kW		0.08	
	A Condi- tion (35°C - 27/19)	Pdc EERd	kW	2.00 4.65	2.50 4.42	3.40 4.37
	B Condi- tion (30°C - 27/19)	Pdc EERd	kW	1.47 6.92	1.84 6.78	2.51 6.28
	C Condi- tion (25°C - 27/19)	Pdc EERd	kW	0.95 10.37	1.18 10.35	1.61 10.58
	D Condi- tion (20°C - 27/19)	Pdc EERd	kW	1.27 16.36	1.29 16.30	1.33 16.21
		Power input	kW		0.08	
	TOL	Tol (temperature operating limit)	°C		-15	
	Pdh (declared heating cap)	kW		2.31	2.52	2.62
	COPd (declared COP)			2.48	2.36	2.30
Space heating (Average climate)	Power input	kW		0.93	1.07	1.14
	TBivalent	Tbiv (bivalent temperature)	°C		-7	
	Pdh (declared heating cap)	kW		2.12	2.17	2.21
	COPd (declared COP)			3.56	3.59	3.58

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Technical specifications				FTXA20AT + RXA20A9	FTXA25AT + RXA25A9	FTXA35AT + RXA35A9	
Space heating (Average climate)	TBivalent	Power input	kW	0.60		0.62	
		Pdh (declared heating cap)	kW	2.12	2.17	2.21	
		COPd (declared COP)		3.56	3.59	3.58	
	A Condi- tion (-7°C)	Power input	kW	0.60		0.62	
		Pdh (declared heating cap)	kW	1.29	1.32	1.35	
		COPd (declared COP)		5.24	5.22	5.19	
	B Condi- tion (2°C)	Power input	kW	0.25		0.26	
		Pdh (declared heating cap)	kW	0.92	0.94		
		COPd (declared COP)		6.27	6.25	6.19	
	C Condi- tion (7°C)	Power input	kW	0.15			
		Pdh (declared heating cap)	kW	1.10			
		COPd (declared COP)		8.05	8.02	7.97	
Space heating (Average climate) Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit)	°C	-15			
		Pdh (declared heating cap)	kW	2.31	2.52	2.62	
		COPd (declared COP)		2.31	2.21	2.18	
	TBivalent	Power input	kW	1.00	1.14	1.20	
		Tbiv (bivalent temperature)	°C	-7			
		Pdh (declared heating cap)	kW	2.12	2.17	2.21	
	A Condi- tion (-7°C)	COPd (declared COP)		3.32	3.35	3.34	
		Power input	kW	0.64		0.66	
		Pdh (declared heating cap)	kW	2.12	2.17	2.21	
	B Condi- tion (2°C)	COPd (declared COP)		3.32	3.35	3.34	
		Power input	kW	0.64		0.66	
		Pdh (declared heating cap)	kW	1.29	1.32	1.35	
C Condi- tion (7°C)	COPd (declared COP)		5.06	5.04	5.02		
	Power input	kW	0.25	0.26	0.27		
	Pdh (declared heating cap)	kW	0.92	0.94			
D Condi- tion (12°C)	COPd (declared COP)		6.27	6.25	6.19		
	Power input	kW	0.15				
	Pdh (declared heating cap)	kW	1.10				
Space heating (Warm climate)	TOL	COPd (declared COP)		8.05	8.02	7.97	
		Power input	kW	0.14			
		Tol (temperature operating limit)	°C	-15			
	TBivalent	Pdh (declared heating cap)	kW	2.31	2.52	2.62	
		COPd (declared COP)		2.48	2.36	2.30	
		Power input	kW	0.93	1.07	1.14	
	Space heating (Warm climate)	TBivalent	Tbiv (bivalent temperature)	°C	2		
			Pdh (declared heating cap)	kW	1.75	1.87	2.00
			COPd (declared COP)		4.76	4.67	4.64
		B Condi- tion (2°C)	Power input	kW	0.37	0.40	0.43
			Pdh (declared heating cap)	kW	1.75	1.87	2.00
			COPd (declared COP)		4.76	4.67	4.64
C Condi- tion (7°C)		Power input	kW	0.37	0.40	0.43	
		Pdh (declared heating cap)	kW	1.16	1.20	1.29	
		COPd (declared COP)		6.15	6.12	6.11	
D Condi- tion (12°C)		Power input	kW	0.19	0.20	0.21	
		Pdh (declared heating cap)	kW	1.10			
		COPd (declared COP)		8.05	8.02	7.97	
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	TOL	Power input	kW	0.14			
		Tol (temperature operating limit)	°C	-15			
		Pdh (declared heating cap)	kW	2.31	2.52	2.62	
	TBivalent	COPd (declared COP)		2.31	2.21	2.18	
		Power input	kW	1.00	1.14	1.20	
		Tbiv (bivalent temperature)	°C	2			
	B Condi- tion (2°C)	Pdh (declared heating cap)	kW	1.75	1.87	2.00	
		COPd (declared COP)		4.59	4.51	4.49	
		Power input	kW	0.38	0.41	0.45	
	C Condi- tion (7°C)	Pdh (declared heating cap)	kW	1.75	1.87	2.00	
		COPd (declared COP)		4.59	4.51	4.49	
		Power input	kW	0.38	0.41	0.45	
D Condi- tion (12°C)	Pdh (declared heating cap)	kW	1.16	1.20	1.29		
	COPd (declared COP)		6.15	6.12	6.11		
	Power input	kW	0.19	0.20	0.21		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	D Condi- tion (12°C)	Pdh (declared heating cap)	kW	1.10			
		Power input	kW	0.14			
		COPd (declared COP)		8.05	8.02	7.97	

2 Specifications

1 - 1 RXA-A9

Technical specifications					FTXA20AT + RXA20A9	FTXA25AT + RXA25A9	FTXA35AT + RXA35A9	
Power consumption in other than active mode	Crankcase heater PCK mode		W		0.0			
	Off mode		POFF		W			
	Standby mode	Cooling	PSB		W			
		Heating	PSB		W			
	Thermo-stat-off mode	PTO	Cooling	W		7		
			Heating	W		13		
Cooling	Cdc (Degradation cooling)				0.25			
Heating	Cdh (Degradation heating)				0.25			
Cooling function included					Yes			
Heating function included					Yes			
Average climate included					Yes			
Cold season included					No			
Warm season included					Yes			
Ecolabel logo					No			
Eurovent	Sound power level outdoor	Cooling	Nom.	dBa	59		61	
	Sound power level indoor	Cooling	Nom.	dBa	57		60	
	Piping length	Cooling	Measuring condition	m	5.0			

Electrical specifications					FTXA20AT + RXA20A9	FTXA25AT + RXA25A9	FTXA35AT + RXA35A9
Power factor	Nominal	Cooling	%		91.73	93.94	95.64
		Heating	%		93.11	93.94	98.09
Current	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4
	Nominal running current (RLA)	Cooling	A		2.0	2.6	3.6

Technical specifications				FTXA20AW + RXA20A9	FTXA25AW + RXA25A9	FTXA35AW + RXA35A9
Indoor unit				FTXA20A2V1BW	FTXA25A2V1BW	FTXA35A2V1BW
Outdoor unit				RXA20A5V1B9	RXA25A5V1B9	RXA35A5V1B9
Cooling capacity	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.00	2.50	3.40
	Nom.		Btu/h	6,800	8,500	11,600
	Nom.		kcal/h	1,720	2,150	2,920
	Max.		kW	2.60	3.20	4.00
	Max.		Btu/h	8,900	10,900	13,600
	Max.		kcal/h	2,240	2,750	3,440
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30		1.40
			Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.00	2.50	3.40
	Nom.		Btu/h	6,800	8,500	11,600
	Nom.		kcal/h	1,720	2,150	2,920
	Max.		kcal/h	-		
Heating capacity	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
	Nom.		kcal/h	2,150	2,410	3,440
	Max.		kW	3.50	4.70	5.20
	Max.		Btu/h	11,900	16,000	17,700
	Max.		kcal/h	3,010	4,040	4,470
Heating capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30 /1,120		1.40 /1,200
			Btu/h	4,400		4,800
	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
	Nom.		kcal/h	2,150	2,410	3,440
Power input	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
		Max.	kW	0.63	0.78	1.04
	Heating	Min.	kW	0.25		0.26
Power input	Heating	Nom.	kW	0.50	0.56	0.99
		Max.	kW	0.91	1.22	1.67

2 Specifications

1 - 1 RXA-A9

2

Technical specifications				FTXA20AW + RXA20A9	FTXA25AW + RXA25A9	FTXA35AW + RXA35A9
Power input - Low sound mode (Stb. 2020, 189)	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	Heating	Min.	kW	0.25		0.26
		Nom.	kW	0.50	0.56	0.99
Nominal efficiency	EER			4.70	4.46	4.37
	COP			5.00		4.04
	Energy labeling Directive	Cooling		A		
		Heating		A		
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER			4.65	4.42	4.37
	COP			5.00		
Space cooling	Energy efficiency class			A+++		
	Capacity	Pdesign	kW	2.00	2.50	3.40
	SEER			8.75	8.74	8.73
	Annual energy consumption			80	100	136
Space cooling - Low sound mode (Stb. 2020, 189)	Capacity	Pdesign	kW	2.00	2.50	3.40
	SEER			8.73		
	Annual energy consumption			80	100	136
Space heating (Average climate)	Capacity	Pdesign	kW	2.40	2.45	2.50
	Energy efficiency class			A+++		
	SCOP/A			5.15		
	SCOPnet/A			5.19	5.18	
	PdH Heating capacity at -10°			2.19	2.30	2.36
	Annual energy consumption			653	666	680
	Required back up heating cap at design conditions			0.21	0.15	0.14
	Capacity	Pdesign	kW	2.40	2.45	2.50
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	SCOP/A			5.00		
	SCOPnet/A			5.04	5.03	
	PdH Heating capacity at -10°			2.19	2.30	2.36
	Annual energy consumption			672	686	700
	Required back up heating cap at design conditions			0.21	0.15	0.14
	Capacity	Pdesign	kW	1.75	1.87	2.00
	Energy efficiency class			A+++		
	SCOP			6.26		6.28
Space heating (Warm climate)	SCOPnet			6.42		
	Annual energy consumption			392	418	446
	Required back up heating cap at design conditions			0.00		
	Capacity	Pdesign	kW	1.75	1.87	2.00
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	SCOP			6.25		6.27
	SCOPnet			6.41	6.40	6.41
	Annual energy consumption			392	419	447
	Required back up heating cap at design conditions			0.00		
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	2.00	2.50	3.40
		EERd		4.70	4.46	4.37
		Power input	kW	0.43	0.56	0.78
		Pdc	kW	1.47	1.84	2.51
	B Condition (30°C - 27/19)	Pdc	kW	0.95	1.18	1.61
		EERd		10.37	10.35	10.58
		Power input	kW	0.09	0.11	0.15
		Pdc	kW	1.27	1.29	1.33
	D Condition (20°C - 27/19)	Pdc	kW	16.36	16.30	16.21
		EERd				
		Power input	kW		0.08	
		Pdc	kW	2.00	2.50	3.40
	A Condition (35°C - 27/19)	Pdc	kW	2.00	2.50	3.40
		EERd		4.65	4.42	4.37
		Power input	kW	0.43	0.57	0.78
		Pdc	kW	1.47	1.84	2.51
Space cooling - Low sound mode (Stb. 2020, 189)	B Condition (30°C - 27/19)	Pdc	kW	1.47	1.84	2.51
		EERd		6.92	6.78	6.28
		Power input	kW	0.21	0.27	0.40
		Pdc	kW	0.95	1.18	1.61
	C Condition (25°C - 27/19)	Pdc	kW	0.95	1.18	1.61
		EERd		10.37	10.35	10.58
		Power input	kW	0.09	0.11	0.15
		Pdc	kW	1.27	1.29	1.33
	D Condition (20°C - 27/19)	Pdc	kW	16.36	16.30	16.21
		EERd				
		Power input	kW		0.08	
		Pdc	kW	2.00	2.50	3.40
	A Condition (35°C - 27/19)	Pdc	kW	2.00	2.50	3.40
		EERd		4.65	4.42	4.37
		Power input	kW	0.43	0.57	0.78
		Pdc	kW	1.47	1.84	2.51

2 Specifications

1 - 1 RXA-A9

Technical specifications			FTXA20AW + RXA20A9	FTXA25AW + RXA25A9	FTXA35AW + RXA35A9	
Space heating (Average climate)	TOL	Tol (temperature operating limit) °C	-15			
		Pdh (declared heating cap) kW	2.31	2.52	2.62	
		COPd (declared COP)	2.48	2.36	2.30	
		Power input kW	0.93	1.07	1.14	
	TBivalent	Tbiv (bivalent temperature) °C	-7			
		Pdh (declared heating cap) kW	2.12	2.17	2.21	
		COPd (declared COP)	3.56	3.59	3.58	
Space heating (Average climate)	TBivalent	Power input kW	0.60		0.62	
		A Condition (-7°C)	Pdh (declared heating cap) kW	2.12	2.17	2.21
			COPd (declared COP)	3.56	3.59	3.58
			Power input kW	0.60		0.62
	B Condition (2°C)	Pdh (declared heating cap) kW	1.29	1.32	1.35	
		COPd (declared COP)	5.24	5.22	5.19	
		Power input kW	0.25		0.26	
	C Condition (7°C)	Pdh (declared heating cap) kW	0.92	0.94		
		COPd (declared COP)	6.27	6.25	6.19	
		Power input kW	0.15			
	D Condition (12°C)	Pdh (declared heating cap) kW	1.10			
		COPd (declared COP)	8.05	8.02	7.97	
		Power input kW	0.14			
	Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit) °C	-15		
Pdh (declared heating cap) kW			2.31	2.52	2.62	
COPd (declared COP)			2.31	2.21	2.18	
Power input kW			1.00	1.14	1.20	
TBivalent		Tbiv (bivalent temperature) °C	-7			
		Pdh (declared heating cap) kW	2.12	2.17	2.21	
		COPd (declared COP)	3.32	3.35	3.34	
		Power input kW	0.64		0.66	
A Condition (-7°C)		Pdh (declared heating cap) kW	2.12	2.17	2.21	
		COPd (declared COP)	3.32	3.35	3.34	
		Power input kW	0.64		0.66	
B Condition (2°C)		Pdh (declared heating cap) kW	1.29	1.32	1.35	
		COPd (declared COP)	5.06	5.04	5.02	
		Power input kW	0.25	0.26	0.27	
C Condition (7°C)		Pdh (declared heating cap) kW	0.92	0.94		
		COPd (declared COP)	6.27	6.25	6.19	
		Power input kW	0.15			
D Condition (12°C)		Pdh (declared heating cap) kW	1.10			
		COPd (declared COP)	8.05	8.02	7.97	
		Power input kW	0.14			
Space heating (Warm climate)	TOL	Tol (temperature operating limit) °C	-15			
		Pdh (declared heating cap) kW	2.31	2.52	2.62	
		COPd (declared COP)	2.48	2.36	2.30	
		Power input kW	0.93	1.07	1.14	
Space heating (Warm climate)	TBivalent	Tbiv (bivalent temperature) °C	2			
		Pdh (declared heating cap) kW	1.75	1.87	2.00	
		COPd (declared COP)	4.76	4.67	4.64	
		Power input kW	0.37	0.40	0.43	
	B Condition (2°C)	Pdh (declared heating cap) kW	1.75	1.87	2.00	
		COPd (declared COP)	4.76	4.67	4.64	
		Power input kW	0.37	0.40	0.43	
	C Condition (7°C)	Pdh (declared heating cap) kW	1.16	1.20	1.29	
		COPd (declared COP)	6.15	6.12	6.11	
		Power input kW	0.19	0.20	0.21	
	D Condition (12°C)	Pdh (declared heating cap) kW	1.10			
		COPd (declared COP)	8.05	8.02	7.97	
		Power input kW	0.14			

2 Specifications

1 - 1 RXA-A9

2

Technical specifications					FTXA20AW + RXA20A9	FTXA25AW + RXA25A9	FTXA35AW + RXA35A9	
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit) °C			-15			
		Pdh (declared heating cap) kW			2.31	2.52	2.62	
		COPd (declared COP)			2.31	2.21	2.18	
	TBivalent	Power input kW			1.00	1.14	1.20	
		Tbiv (bivalent temperature) °C			2			
		Pdh (declared heating cap) kW			1.75	1.87	2.00	
	B Condi- tion (2°C)	COPd (declared COP)			4.59	4.51	4.49	
		Power input kW			0.38	0.41	0.45	
		Pdh (declared heating cap) kW			1.75	1.87	2.00	
	C Condi- tion (7°C)	COPd (declared COP)			4.59	4.51	4.49	
		Power input kW			0.38	0.41	0.45	
		Pdh (declared heating cap) kW			1.16	1.20	1.29	
	D Condi- tion (12°C)	COPd (declared COP)			6.15	6.12	6.11	
		Power input kW			0.19	0.20	0.21	
		Pdh (declared heating cap) kW			1.10			
	Power consump- tion in other than active mode	Power input kW			0.14			
		COPd (declared COP)			8.05	8.02	7.97	
Crankcase heater mode		PCK			W			
		Off mode			POFF			
		Standby mode	Cooling PSB			W		
			Heating PSB			W		
	Thermo- stat-off mode	PTO Cooling			W			
Heating			W					
Cooling	Cdc (Degradation cooling)				0.25			
Heating	Cdh (Degradation heating)				0.25			
Cooling function included					Yes			
Heating function included					Yes			
Average climate included					Yes			
Cold season included					No			
Warm season included					Yes			
Ecolabel logo					No			
Eurovent	Sound power level outdoor	Cooling	Nom.	dBa	59		61	
	Sound power level indoor	Cooling	Nom.	dBa	57		60	
	Piping length	Cooling	Measuring condition	m	5.0			

Electrical specifications					FTXA20AW + RXA20A9	FTXA25AW + RXA25A9	FTXA35AW + RXA35A9
Power factor	Nominal	Cooling	%		91.73	93.94	95.64
		Heating	%		93.11	93.94	98.09
Current	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4
	Nominal running current (RLA)	Cooling	A		2.0	2.6	3.6

Technical specifications					FTXA20BB + RXA20A9	FTXA25BB + RXA25A9	FTXA35BB + RXA35A9
Indoor unit					FTXA20B2V1BB	FTXA25B2V1BB	FTXA35B2V1BB
Outdoor unit					RXA20A5V1B9	RXA25A5V1B9	RXA35A5V1B9
Cooling capacity	Min.	kW			1.30		1.40
	Min.	Btu/h			4,400		4,800
	Min.	kcal/h			1,120		1,200
	Nom.	kW			2.00	2.50	3.40
	Nom.	Btu/h			6,800	8,500	11,600
	Nom.	kcal/h			1,720	2,150	2,920
	Max.	kW			2.60	3.20	4.00
	Max.	Btu/h			8,900	10,900	13,600
	Max.	kcal/h			2,240	2,750	3,440
	Min.	kW			1.30		1.40
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.	Btu/h			4,400		4,800
	Min.	kcal/h			1,120		1,200
	Nom.	kW			2.00	2.50	3.40
	Nom.	Btu/h			6,800	8,500	11,600
	Nom.	kcal/h			1,720	2,150	2,920
	Max.	kW			2.60	3.20	4.00
	Max.	Btu/h			8,900	10,900	13,600
	Max.	kcal/h			2,240	2,750	3,440

2 Specifications

1 - 1 RXA-A9

Technical specifications				FTXA20BB + RXA20A9	FTXA25BB + RXA25A9	FTXA35BB + RXA35A9
Heating capacity	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
	Nom.		kcal/h	2,150	2,410	3,440
	Max.		kW	3.50	4.70	5.20
	Max.		Btu/h	11,900	16,000	17,700
	Max.		kcal/h	3,010	4,040	4,470
Heating capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30 / 1,120		1.40 / 1,200
	Min.		Btu/h	4,400		4,800
	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
Power input	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
Power input	Cooling	Max.	kW	0.63	0.78	1.04
		Heating	Min.	kW	0.25	0.26
	Heating	Nom.	kW	0.50	0.56	0.99
		Max.	kW	0.91	1.22	1.67
Power input - Low sound mode (Stb. 2020, 189)	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	Heating	Min.	kW	0.25		0.26
		Nom.	kW	0.50	0.56	0.99
Nominal efficiency	EER			4.70	4.46	4.37
	COP			5.00		4.04
	Energy labeling	Cooling		A		
		Heating		A		
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER			4.65	4.42	4.37
	COP			5.00		4.04
Space cooling	Energy efficiency class			A+++		
	Capacity	Pdesign	kW	2.00	2.50	3.40
	SEER			8.75	8.74	8.73
	Annual energy consumption		kWh/a	80	100	136
Space cooling - Low sound mode (Stb. 2020, 189)	Capacity	Pdesign	kW	2.00	2.50	3.40
	SEER			8.73		
	Annual energy consumption		kWh/a	80	100	136
Space heating (Average climate)	Capacity	Pdesign	kW	2.40	2.45	2.50
	Energy efficiency class			A+++		
	SCOP/A			5.15		
	SCOPnet/A			5.19	5.18	
	PdH Heating capacity at -10°		kW	2.19	2.30	2.36
	Annual energy consumption		kWh/a	653	666	680
	Required back up heating cap at design conditions		kW	0.21	0.15	0.14
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	Capacity	Pdesign	kW	2.40	2.45	2.50
	SCOP/A			5.00		
	SCOPnet/A			5.04	5.03	
	PdH Heating capacity at -10°		kW	2.19	2.30	2.36
	Annual energy consumption		kWh/a	672	686	700
	Required back up heating cap at design conditions		kW	0.21	0.15	0.14
	Capacity	Pdesignh	kW	1.75	1.87	2.00
Space heating (Warm climate)	Energy efficiency class			A+++		
	SCOP			6.26		6.28
	SCOPnet			6.42		
	Annual energy consumption		kWh/a	392	418	446
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Required back up heating cap at design conditions		kW	0.00		
	Capacity	Pdesign	kW	1.75	1.87	2.00
	SCOP			6.25		6.27
	SCOPnet			6.41	6.40	6.41
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Annual energy consumption		kWh/a	392	419	447
	Required back up heating cap at design conditions		kW	0.00		

2 Specifications

1 - 1 RXA-A9

2

Technical specifications				FTXA20BB + RXA20A9	FTXA25BB + RXA25A9	FTXA35BB + RXA35A9
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	2.00	2.50	3.40
		EERd		4.70	4.46	4.37
		Power input	kW	0.43	0.56	0.78
	B Condition (30°C - 27/19)	Pdc	kW	1.47	1.84	2.51
		EERd		6.96	6.79	6.28
		Power input	kW	0.21	0.27	0.40
	C Condition (25°C - 27/19)	Pdc	kW	0.95	1.18	1.61
		EERd		10.37	10.35	10.58
		Power input	kW	0.09	0.11	0.15
	D Condition (20°C - 27/19)	Pdc	kW	1.27	1.29	1.33
EERd			16.36	16.30	16.21	
Power input		kW		0.08		
Space cooling - Low sound mode (Stb. 2020, 189)	A Condition (35°C - 27/19)	Pdc	kW	2.00	2.50	3.40
		EERd		4.65	4.42	4.37
		Power input	kW	0.43	0.57	0.78
	B Condition (30°C - 27/19)	Pdc	kW	1.47	1.84	2.51
		EERd		6.92	6.78	6.28
		Power input	kW	0.21	0.27	0.40
	C Condition (25°C - 27/19)	Pdc	kW	0.95	1.18	1.61
		EERd		10.37	10.35	10.58
		Power input	kW	0.09	0.11	0.15
	D Condition (20°C - 27/19)	Pdc	kW	1.27	1.29	1.33
EERd			16.36	16.30	16.21	
Power input		kW		0.08		
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15		
		Pdh (declared heating cap)	kW	2.31	2.52	2.62
		COPd (declared COP)		2.48	2.36	2.30
		Power input	kW	0.93	1.07	1.14
Space heating (Average climate)	TBivalent	Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.56	3.59	3.58
		Power input	kW		0.60	0.62
	A Condition (-7°C)	Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.56	3.59	3.58
		Power input	kW		0.60	0.62
	B Condition (2°C)	Pdh (declared heating cap)	kW	1.29	1.32	1.35
		COPd (declared COP)		5.24	5.22	5.19
		Power input	kW		0.25	0.26
	C Condition (7°C)	Pdh (declared heating cap)	kW	0.92	0.94	
		COPd (declared COP)		6.27	6.25	6.19
		Power input	kW		0.15	
	D Condition (12°C)	Pdh (declared heating cap)	kW		1.10	
		COPd (declared COP)		8.05	8.02	7.97
		Power input	kW		0.14	
	Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit)	°C	-15	
Pdh (declared heating cap)			kW	2.31	2.52	2.62
COPd (declared COP)				2.31	2.21	2.18
Power input			kW	1.00	1.14	1.20
TBivalent		Tbiv (bivalent temperature)	°C	-7		
		Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.32	3.35	3.34
Power input		kW	0.64	0.65	0.66	
A Condition (-7°C)		Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.32	3.35	3.34
		Power input	kW	0.64	0.65	0.66
B Condition (2°C)		Pdh (declared heating cap)	kW	1.29	1.32	1.35
		COPd (declared COP)		5.06	5.04	5.02
		Power input	kW	0.25	0.26	0.27
C Condition (7°C)		Pdh (declared heating cap)	kW	0.92	0.94	
		COPd (declared COP)		6.27	6.25	6.19
	Power input	kW		0.15		
D Condition (12°C)	Pdh (declared heating cap)	kW		1.10		
	COPd (declared COP)		8.05	8.02	7.97	
	Power input	kW		0.14		
Space heating (Warm climate)	TOL	Tol (temperature operating limit)	°C	-15		
		Pdh (declared heating cap)	kW	2.31	2.52	2.62

2 Specifications

1 - 1 RXA-A9

Technical specifications					FTXA20BB + RXA20A9	FTXA25BB + RXA25A9	FTXA35BB + RXA35A9
Space heating (Warm climate)	TOL	COPd (declared COP)			2.48	2.36	2.30
		Power input kW			0.93	1.07	1.14
	TBivalent	Tbiv (bivalent temperature) °C				2.00	
		Pdh (declared heating cap) kW			1.75	1.87	2.00
		COPd (declared COP)			4.76	4.67	4.64
		Power input kW			0.37	0.40	0.43
	B Condi- tion (2°C)	Pdh (declared heating cap) kW			1.75	1.87	2.00
		COPd (declared COP)			4.76	4.67	4.64
		Power input kW			0.37	0.40	0.43
	C Condi- tion (7°C)	Pdh (declared heating cap) kW			1.16	1.20	1.29
		COPd (declared COP)			6.15	6.12	6.11
		Power input kW			0.19	0.20	0.21
	D Condi- tion (12°C)	Pdh (declared heating cap) kW				1.10	
		COPd (declared COP)			8.05	8.02	7.97
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating °C limit)				-15	
		Pdh (declared heating cap) kW			2.31	2.52	2.62
		COPd (declared COP)			2.31	2.21	2.18
		Power input kW			1.00	1.14	1.20
	TBivalent	Tbiv (bivalent temperature) °C				2.0	
		Pdh (declared heating cap) kW			1.75	1.87	2.00
		COPd (declared COP)			4.59	4.51	4.49
		Power input kW			0.38	0.41	0.45
	B Condi- tion (2°C)	Pdh (declared heating cap) kW			1.75	1.87	2.00
		COPd (declared COP)			4.59	4.51	4.49
		Power input kW			0.38	0.41	0.45
	C Condi- tion (7°C)	Pdh (declared heating cap) kW			1.16	1.20	1.29
		COPd (declared COP)			6.15	6.12	6.11
		Power input kW			0.19	0.20	0.21
Power consump- tion in other than active mode	D Condi- tion (12°C)	Pdh (declared heating cap) kW				1.10	
		Power input kW				0.14	
		COPd (declared COP)			8.05	8.02	7.97
	Crankcase heater mode	PCK W				0.0	
	Off mode	POFF W				0.5	
	Standby mode	Cooling PSB W				0.5	
		Heating PSB W				0.5	
	Thermostat-off mode	PTO Cooling W				7	
Power consumption in other than active mode	Thermostat-off mode	PTO Heating W				13	
	Cooling	Cdc (Degradation cooling)				0.25	
	Heating	Cdh (Degradation heating)				0.25	
	Cooling function included					Yes	
	Heating function included					Yes	
Average climate included	Cold season included					No	
	Warm season included					Yes	
	Ecolabel logo					No	
Eurovent	Sound power level outdoor	Cooling Nom. dBA			59		61
	Sound power level indoor	Cooling Nom. dBA			57		60
	Piping length	Cooling Measuring condition m				5.0	

Electrical specifications					FTXA20BB + RXA20A9	FTXA25BB + RXA25A9	FTXA35BB + RXA35A9
Power factor	Nominal	Cooling %			91.73	93.94	95.64
		Heating %			93.11	93.94	98.09
Current	Nominal running current (RLA) - 50Hz	Heating A			2.3	2.6	4.4
		Cooling A			2.0	2.6	3.6

Technical specifications					FTXA20BS + RXA20A9	FTXA25BS + RXA25A9	FTXA35BS + RXA35A9
Indoor unit					FTXA20B2V1BS	FTXA25B2V1BS	FTXA35B2V1BS
Outdoor unit					RXA20A5V1B9	RXA25A5V1B9	RXA35A5V1B9

2 Specifications

1 - 1 RXA-A9

2

Technical specifications				FTXA20BS + RXA20A9	FTXA25BS + RXA25A9	FTXA35BS + RXA35A9
Cooling capacity	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.00	2.50	3.40
	Nom.		Btu/h	6,800	8,500	11,600
	Nom.		kcal/h	1,720	2,150	2,920
	Max.		kW	2.60	3.20	4.00
	Max.		Btu/h	8,900	10,900	13,600
	Max.		kcal/h	2,240	2,750	3,440
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.00	2.50	3.40
	Nom.		Btu/h	6,800	8,500	11,600
	Nom.		kcal/h	1,720	2,150	2,920
	Max.		kW	2.60	3.20	4.00
	Max.		Btu/h	8,900	10,900	13,600
	Max.		kcal/h	2,240	2,750	3,440
Heating capacity	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
	Nom.		kcal/h	2,150	2,410	3,440
	Max.		kW	3.50	4.70	5.20
	Max.		Btu/h	11,900	16,000	17,700
	Max.		kcal/h	3,010	4,040	4,470
Heating capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30 / 1,120		1.40 / 1,200
	Min.		Btu/h	4,400		4,800
	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
Power input	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43		0.78
	Heating	Min.	kW	0.25		0.26
		Nom.	kW	0.50		0.99
Power input - Low sound mode (Stb. 2020, 189)	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43		0.78
	Heating	Min.	kW	0.25		0.26
		Nom.	kW	0.50		0.99
Nominal efficiency	EER			4.70	4.46	4.37
	COP			5.00		4.04
	Energy labeling Directive	Cooling		A		
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER			4.65	4.42	4.37
	COP			5.00		4.04
	Energy efficiency class			A+++		
Space cooling	Capacity	Pdesign	kW	2.00	2.50	3.40
	SEER			8.75	8.74	8.73
	Annual energy consumption		kWh/a	80	100	136
	Capacity	Pdesign	kW	2.00	2.50	3.40
Space cooling - Low sound mode (Stb. 2020, 189)	SEER				8.73	
	Annual energy consumption		kWh/a	80	100	136
	Capacity	Pdesign	kW	2.40	2.45	2.50
	Energy efficiency class			A+++		
Space heating (Average climate)	SCOP/A			5.15		
	SCOPnet/A			5.19	5.18	
	Pdh Heating capacity at -10°		kW	2.19	2.30	2.36
	Annual energy consumption		kWh/a	653	666	680
	Required back up heating cap at design conditions		kW	0.21	0.15	0.14
	Capacity	Pdesign	kW	2.40	2.45	2.50
	SCOP/A			5.00		
Space heating - Low sound mode (Stb. 2020, 189)	SCOPnet/A			5.04	5.03	
	Pdh Heating capacity at -10°		kW	2.19	2.30	2.36
	Annual energy consumption		kWh/a	672	686	700
	Required back up heating cap at design conditions		kW	0.21	0.15	0.14
	Capacity	Pdesign	kW	2.40	2.45	2.50

2 Specifications

1 - 1 RXA-A9

Technical specifications				FTXA20BS + RXA20A9	FTXA25BS + RXA25A9	FTXA35BS + RXA35A9
Space heating (Warm climate)	Capacity	Pdesignh	kW	1.75	1.87	2.00
	Energy efficiency class			A+++		
	SCOP			6.26		6.28
Space heating (Warm climate)	SCOPnet			6.42		
	Annual energy consumption		kWh/a	392	418	446
	Required back up heating cap at design conditions		kW	0.00		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Capacity	Pdesign	kW	1.75	1.87	2.00
	SCOP			6.25		6.27
	SCOPnet			6.41	6.40	6.41
	Annual energy consumption		kWh/a	392	419	447
	Required back up heating cap at design conditions		kW	0.00		
Space cooling	A Condi- tion (35°C - 27/19)	Pdc EERd Power input	kW	2.00 4.70 0.43	2.50 4.46 0.56	3.40 4.37 0.78
	B Condi- tion (30°C - 27/19)	Pdc EERd Power input	kW	1.47 6.96 0.21	1.84 6.79 0.27	2.51 6.28 0.40
	C Condi- tion (25°C - 27/19)	Pdc EERd Power input	kW	0.95 10.37 0.09	1.18 10.35 0.11	1.61 10.58 0.15
	D Condi- tion (20°C - 27/19)	Pdc EERd Power input	kW	1.27 16.36 0.08	1.29 16.30 0.08	1.33 16.21 0.08
	A Condi- tion (35°C - 27/19)	Pdc EERd Power input	kW	2.00 4.65 0.43	2.50 4.42 0.57	3.40 4.37 0.78
	B Condi- tion (30°C - 27/19)	Pdc EERd Power input	kW	1.47 6.92 0.21	1.84 6.78 0.27	2.51 6.28 0.40
	C Condi- tion (25°C - 27/19)	Pdc EERd Power input	kW	0.95 10.37 0.09	1.18 10.35 0.11	1.61 10.58 0.15
	D Condi- tion (20°C - 27/19)	Pdc EERd Power input	kW	1.27 16.36 0.08	1.29 16.30 0.08	1.33 16.21 0.08
	TOL	Tol (temperature operating limit)	°C	-15		
	TBivalent	Pdh (declared heating cap)	kW	2.31	2.52	2.62
		COPd (declared COP)		2.48	2.36	2.30
		Power input	kW	0.93	1.07	1.14
	TBivalent	Tbiv (bivalent temperature)	°C	-7		
Space heating (Average climate)	TBivalent	Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.56	3.59	3.58
		Power input	kW	0.60		0.62
	A Condi- tion (-7°C)	Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.56	3.59	3.58
		Power input	kW	0.60		0.62
	B Condi- tion (2°C)	Pdh (declared heating cap)	kW	1.29	1.32	1.35
		COPd (declared COP)		5.24	5.22	5.19
		Power input	kW	0.25		0.26
	C Condi- tion (7°C)	Pdh (declared heating cap)	kW	0.92	0.94	
		COPd (declared COP)		6.27	6.25	6.19
		Power input	kW	0.15		
	D Condi- tion (12°C)	Pdh (declared heating cap)	kW	1.10		
		COPd (declared COP)		8.05	8.02	7.97
		Power input	kW	0.14		

2 Specifications

1 - 1 RXA-A9

2

Technical specifications					FTXA20BS + RXA20A9	FTXA25BS + RXA25A9	FTXA35BS + RXA35A9	
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit) °C			-15			
		Pdh (declared heating cap) kW			2.31	2.52	2.62	
		COPd (declared COP)			2.31	2.21	2.18	
		Power input kW			1.00	1.14	1.20	
	TBivalent	Tbiv (bivalent temperature) °C			-7			
		Pdh (declared heating cap) kW			2.12	2.17	2.21	
		COPd (declared COP)			3.32	3.35	3.34	
		Power input kW			0.64	0.65	0.66	
	A Condition (-7°C)	Pdh (declared heating cap) kW			2.12	2.17	2.21	
		COPd (declared COP)			3.32	3.35	3.34	
		Power input kW			0.64	0.65	0.66	
	B Condition (2°C)	Pdh (declared heating cap) kW			1.29	1.32	1.35	
		COPd (declared COP)			5.06	5.04	5.02	
		Power input kW			0.25	0.26	0.27	
	C Condition (7°C)	Pdh (declared heating cap) kW			0.92	0.94	6.19	
		COPd (declared COP)			6.27			
		Power input kW			0.15			
	D Condition (12°C)	Pdh (declared heating cap) kW			1.10			
		COPd (declared COP)			8.05	8.02	7.97	
		Power input kW			0.14			
Space heating (Warm climate)	TOL	Tol (temperature operating limit) °C			-15			
Space heating (Warm climate)	TOL	Pdh (declared heating cap) kW			2.31	2.52	2.62	
		COPd (declared COP)			2.48	2.36	2.30	
		Power input kW			0.93	1.07	1.14	
	TBivalent	Tbiv (bivalent temperature) °C			2.00			
		Pdh (declared heating cap) kW			1.75	1.87	2.00	
		COPd (declared COP)			4.76	4.67	4.64	
		Power input kW			0.37	0.40	0.43	
	B Condition (2°C)	Pdh (declared heating cap) kW			1.75	1.87	2.00	
		COPd (declared COP)			4.76	4.67	4.64	
		Power input kW			0.37	0.40	0.43	
	C Condition (7°C)	Pdh (declared heating cap) kW			1.16	1.20	1.29	
		COPd (declared COP)			6.15	6.12	6.11	
		Power input kW			0.19	0.20	0.21	
	D Condition (12°C)	Pdh (declared heating cap) kW			1.10			
		COPd (declared COP)			8.05	8.02	7.97	
		Power input kW			0.14			
	Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit) °C			-15		
			Pdh (declared heating cap) kW			2.31	2.52	2.62
			COPd (declared COP)			2.31	2.21	2.18
			Power input kW			1.00	1.14	1.20
TBivalent		Tbiv (bivalent temperature) °C			2.0			
		Pdh (declared heating cap) kW			1.75	1.87	2.00	
		COPd (declared COP)			4.59	4.51	4.49	
		Power input kW			0.38	0.41	0.45	
B Condition (2°C)		Pdh (declared heating cap) kW			1.75	1.87	2.00	
		COPd (declared COP)			4.59	4.51	4.49	
		Power input kW			0.38	0.41	0.45	
C Condition (7°C)		Pdh (declared heating cap) kW			1.16	1.20	1.29	
		COPd (declared COP)			6.15	6.12	6.11	
		Power input kW			0.19	0.20	0.21	
D Condition (12°C)		Pdh (declared heating cap) kW			1.10			
		Power input kW			0.14			
		COPd (declared COP)			8.05	8.02	7.97	
Power consumption in other than active mode		Crankcase heater mode	PCK	W		0.0		
		Off mode	POFF	W		0.5		
		Standby mode	Cooling	PSB	W	0.5		
	Heating		PSB	W	0.5			
	Thermostat-off mode	PTO	Cooling	W	7			
Power consumption in other than active mode	Thermostat-off mode	PTO	Heating	W	13			
Cooling	Cdc (Degradation cooling)				0.25			
Heating	Cdh (Degradation heating)				0.25			
Cooling function included					Yes			
Heating function included					Yes			
Average climate included					Yes			
Cold season included					No			
Warm season included					Yes			

2 Specifications

1 - 1 RXA-A9

Technical specifications					FTXA20BS + RXA20A9	FTXA25BS + RXA25A9	FTXA35BS + RXA35A9
Ecolabel logo					No		
Eurovent	Sound power level outdoor	Cooling	Nom.	dB(A)	59		61
	Sound power level indoor	Cooling	Nom.	dB(A)	57		60
	Piping length	Cooling	Measuring condition	m	5.0		

Electrical specifications				FTXA20BS + RXA20A9	FTXA25BS + RXA25A9	FTXA35BS + RXA35A9
Power factor	Nominal	Cooling	%	91.73	93.94	95.64
		Heating	%	93.11	93.94	98.09
Current	Nominal running current (RLA) - 50Hz	Heating	A	2.3	2.6	4.4
	Nominal running current (RLA)	Cooling	A	2.0	2.6	3.6

Technical specifications				FTXA20BT + RXA20A9	FTXA25BT + RXA25A9	FTXA35BT + RXA35A9
Indoor unit				FTXA20B2V1BT	FTXA25B2V1BT	FTXA35B2V1BT
Outdoor unit				RXA20A5V1B9	RXA25A5V1B9	RXA35A5V1B9
Cooling capacity	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.00	2.50	3.40
	Nom.		Btu/h	6,800	8,500	11,600
	Nom.		kcal/h	1,720	2,150	2,920
	Max.		kW	2.60	3.20	4.00
	Max.		Btu/h	8,900	10,900	13,600
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.00	2.50	3.40
	Nom.		Btu/h	6,800	8,500	11,600
	Nom.		kcal/h	1,720	2,150	2,920
	Max.		kW	2.60	3.20	4.00
	Max.		Btu/h	8,900	10,900	13,600
Heating capacity	Min.		kW	1.30		1.40
	Min.		Btu/h	4,400		4,800
	Min.		kcal/h	1,120		1,200
	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
	Nom.		kcal/h	2,150	2,410	3,440
	Max.		kW	3.50	4.70	5.20
	Max.		Btu/h	11,900	16,000	17,700
Heating capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30 / 1,120		1.40 / 1,200
	Min.		Btu/h	4,400		4,800
	Nom.		kW	2.50	2.80	4.00
	Nom.		Btu/h	8,500	9,600	13,600
	Nom.		kcal/h	2,150	2,410	3,440
	Max.		kW	3.50	4.70	5.20
	Max.		Btu/h	11,900	16,000	17,700
	Max.		kcal/h	3,010	4,040	4,470
Power input	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	Heating	Min.	kW	0.25		0.26
		Nom.	kW	0.50	0.56	0.99
Power input - Low sound mode (Stb. 2020, 189)	Cooling	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	Heating	Min.	kW	0.25		0.26
		Nom.	kW	0.50	0.56	0.99
Nominal efficiency	EER			4.70	4.46	4.37
				5.00		4.04
	Energy labeling Directive	Cooling		A		
		Heating		A		
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER			4.65	4.42	4.37
				5.00		4.04

2 Specifications

1 - 1 RXA-A9

2

Technical specifications			FTXA20BT + RXA20A9	FTXA25BT + RXA25A9	FTXA35BT + RXA35A9
Space cooling	Energy efficiency class		A+++		
	Capacity Pdesign	kW	2.00	2.50	3.40
	SEER		8.75	8.74	8.73
	Annual energy consumption	kWh/a	80	100	136
Space cooling - Low sound mode (Stb. 2020, 189)	Capacity Pdesign	kW	2.00	2.50	3.40
	SEER			8.73	
	Annual energy consumption	kWh/a	80	100	136
	Capacity Pdesign	kW	2.40	2.45	2.50
Space heating (Average climate)	Energy efficiency class		A+++		
	SCOP/A		5.15		
	SCOPnet/A		5.19	5.18	
	Pdh Heating capacity at -10°	kW	2.19	2.30	2.36
	Annual energy consumption	kWh/a	653	666	680
	Required back up heating cap at design conditions	kW	0.21	0.15	0.14
	Capacity Pdesign	kW	2.40	2.45	2.50
	SCOP/A		5.00		
	SCOPnet/A		5.04	5.03	
	Pdh Heating capacity at -10°	kW	2.19	2.30	2.36
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	Annual energy consumption	kWh/a	672	686	700
	Required back up heating cap at design conditions	kW	0.21	0.15	0.14
	Capacity Pdesign	kW	1.75	1.87	2.00
	Energy efficiency class		A+++		
Space heating (Warm climate)	SCOP		6.26		6.28
	SCOPnet		6.42		
	Annual energy consumption	kWh/a	392	418	446
	Required back up heating cap at design conditions	kW	0.00		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Capacity Pdesign	kW	1.75	1.87	2.00
	SCOP		6.25		6.27
	SCOPnet		6.41	6.40	6.41
	Annual energy consumption	kWh/a	392	419	447
Space cooling	A Condition (35°C - 27/19)	Pdc	2.00	2.50	3.40
		EERd	4.70	4.46	4.37
		Power input	0.43	0.56	0.78
	B Condition (30°C - 27/19)	Pdc	1.47	1.84	2.51
		EERd	6.96	6.79	6.28
		Power input	0.21	0.27	0.40
	C Condition (25°C - 27/19)	Pdc	0.95	1.18	1.61
		EERd	10.37	10.35	10.58
		Power input	0.09	0.11	0.15
	D Condition (20°C - 27/19)	Pdc	1.27	1.29	1.33
		EERd	16.36	16.30	16.21
		Power input		0.08	
Space cooling - Low sound mode (Stb. 2020, 189)	A Condition (35°C - 27/19)	Pdc	2.00	2.50	3.40
		EERd	4.65	4.42	4.37
		Power input	0.43	0.57	0.78
	B Condition (30°C - 27/19)	Pdc	1.47	1.84	2.51
		EERd	6.92	6.78	6.28
		Power input	0.21	0.27	0.40
	C Condition (25°C - 27/19)	Pdc	0.95	1.18	1.61
		EERd	10.37	10.35	10.58
		Power input	0.09	0.11	0.15
	D Condition (20°C - 27/19)	Pdc	1.27	1.29	1.33
		EERd	16.36	16.30	16.21
		Power input		0.08	
Space heating (Average climate)	TOL	Tol (temperature operating limit)	-15		
	Pdh	(declared heating cap) kW	2.31	2.52	2.62
	COPd	(declared COP)	2.48	2.36	2.30
	Power input	kW	0.93	1.07	1.14
	TBivalent	Tbiv (bivalent temperature) °C	-7		

2 Specifications

1 - 1 RXA-A9

Technical specifications				FTXA20BT + RXA20A9	FTXA25BT + RXA25A9	FTXA35BT + RXA35A9
Space heating (Average climate)	TBivalent	Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.56	3.59	3.58
		Power input	kW	0.60		0.62
	A Condi- tion (-7°C)	Pdh (declared heating cap)	kW	2.12	2.17	2.21
		COPd (declared COP)		3.56	3.59	3.58
		Power input	kW	0.60		0.62
	B Condi- tion (2°C)	Pdh (declared heating cap)	kW	1.29	1.32	1.35
		COPd (declared COP)		5.24	5.22	5.19
		Power input	kW	0.25		0.26
	C Condi- tion (7°C)	Pdh (declared heating cap)	kW	0.92	0.94	
		COPd (declared COP)		6.27	6.25	6.19
		Power input	kW	0.15		
	D Condi- tion (12°C)	Pdh (declared heating cap)	kW		1.10	
		COPd (declared COP)		8.05	8.02	7.97
		Power input	kW	0.14		
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit)	°C	-15		
		Pdh (declared heating cap)	kW	2.31	2.52	2.62
		COPd (declared COP)		2.31	2.21	2.18
	TBivalent	Power input	kW	1.00	1.14	1.20
		Tbiv (bivalent temperature)	°C	-7		
		Pdh (declared heating cap)	kW	2.12	2.17	2.21
	A Condi- tion (-7°C)	COPd (declared COP)		3.32	3.35	3.34
		Power input	kW	0.64	0.65	0.66
		Pdh (declared heating cap)	kW	2.12	2.17	2.21
	B Condi- tion (2°C)	COPd (declared COP)		3.32	3.35	3.34
		Power input	kW	0.64	0.65	0.66
		Pdh (declared heating cap)	kW	1.29	1.32	1.35
	C Condi- tion (7°C)	COPd (declared COP)		5.06	5.04	5.02
		Power input	kW	0.25	0.26	0.27
		Pdh (declared heating cap)	kW	0.92	0.94	
	D Condi- tion (12°C)	COPd (declared COP)		6.27	6.25	6.19
		Power input	kW	0.15		
		Pdh (declared heating cap)	kW		1.10	
	TOL	COPd (declared COP)		8.05	8.02	7.97
		Power input	kW	0.14		
		Tol (temperature operating limit)	°C	-15		
Space heating (Warm climate)	TOL	Pdh (declared heating cap)	kW	2.31	2.52	2.62
		COPd (declared COP)		2.48	2.36	2.30
		Power input	kW	0.93	1.07	1.14
	TBivalent	Tbiv (bivalent temperature)	°C	2.00		
		Pdh (declared heating cap)	kW	1.75	1.87	2.00
		COPd (declared COP)		4.76	4.67	4.64
	B Condi- tion (2°C)	Power input	kW	0.37	0.40	0.43
		Pdh (declared heating cap)	kW	1.75	1.87	2.00
		COPd (declared COP)		4.76	4.67	4.64
	C Condi- tion (7°C)	Power input	kW	0.37	0.40	0.43
		Pdh (declared heating cap)	kW	1.16	1.20	1.29
		COPd (declared COP)		6.15	6.12	6.11
	D Condi- tion (12°C)	Power input	kW	0.19	0.20	0.21
		Pdh (declared heating cap)	kW		1.10	
		COPd (declared COP)		8.05	8.02	7.97
	TOL	Power input	kW	0.14		
		Tol (temperature operating limit)	°C	-15		
		Pdh (declared heating cap)	kW	2.31	2.52	2.62
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	TOL	COPd (declared COP)		2.31	2.21	2.18
		Power input	kW	1.00	1.14	1.20
		Tbiv (bivalent temperature)	°C	2.0		
	TBivalent	Pdh (declared heating cap)	kW	1.75	1.87	2.00
		COPd (declared COP)		4.59	4.51	4.49
		Power input	kW	0.38	0.41	0.45
	B Condi- tion (2°C)	Pdh (declared heating cap)	kW	1.75	1.87	2.00
		COPd (declared COP)		4.59	4.51	4.49
		Power input	kW	0.38	0.41	0.45
	C Condi- tion (7°C)	Pdh (declared heating cap)	kW	1.16	1.20	1.29
		COPd (declared COP)		6.15	6.12	6.11
		Power input	kW	0.19	0.20	0.21
	D Condi- tion (12°C)	Pdh (declared heating cap)	kW		1.10	
		Power input	kW		0.14	
		COPd (declared COP)		8.05	8.02	7.97

2 Specifications

1 - 1 RXA-A9

2

Technical specifications					FTXA20BT + RXA20A9	FTXA25BT + RXA25A9	FTXA35BT + RXA35A9
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0.0		
	Off mode	POFF		W	0.5		
	Standby mode	Cooling	PSB	W	0.5		
		Heating	PSB	W	0.5		
	Thermostat-off mode	PTO	Cooling	W	7		
Power consumption in other than active mode	Thermostat-off mode	PTO	Heating	W	13		
Cooling	Cdc (Degradation cooling)				0.25		
Heating	Cdh (Degradation heating)				0.25		
Cooling function included					Yes		
Heating function included					Yes		
Average climate included					Yes		
Cold season included					No		
Warm season included					Yes		
Ecolabel logo					No		
Eurovent	Sound power level outdoor	Cooling	Nom.	dB(A)	59		61
	Sound power level indoor	Cooling	Nom.	dB(A)	57		60
	Piping length	Cooling	Measuring condition	m	5.0		

Electrical specifications					FTXA20BT + RXA20A9	FTXA25BT + RXA25A9	FTXA35BT + RXA35A9
Power factor	Nominal	Cooling	%		91.73	93.94	95.64
		Heating	%		93.11	93.94	98.09
Current	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4
	Nominal running current (RLA)	Cooling	A		2.0	2.6	3.6

Technical Specifications					RXA20A9	RXA25A9	RXA35A9
Casing	Colour				Ivory white		
Dimensions	Unit	Height	mm		550		
		Width	mm		840		
		Depth	mm		350		
	Packed unit	Height	mm		612		
		Width	mm		906		
		Depth	mm		402		
Weight	Unit	kg		32			
	Packed unit	kg		34			
Heat exchanger	Length		mm		805		
	Rows	Quantity		2			
	Fin pitch		mm		1.40		
	Stages	Quantity		24			
	Passes	Quantity		3.1			
	Tube type		ø7 Hi-XD				
	Fin	Type		Waffle fin (PE)			
Fan	Type		Propeller fan				
	Air flow rate	Cooling	Nom.	m³/min	34.0		36.0
				cfm	1,201		1,271
		Heating	Nom.	m³/min	28.3		
				cfm	999		
Fan motor	Model		DFC05A3VA				
	Output		W		50		
	Speed	Cooling	High	rpm	920		
			Nom.	rpm	860	920	
			Low	rpm	640		
		Heating	High	rpm	860		
	Nom.		rpm	800			
	Low		rpm	380			
	Compressor	Model		1YC25GXD#D			
Type		Hermetically sealed swing compressor					
Output		W		800.0			
Operation range	Cooling	Ambient	Min.	°CDB	-10		
			Max.	°CDB	46		
	Heating	Ambient	Min.	°CDB	-15		
			Max.	°CDB	24		

2 Specifications

1 - 1 RXA-A9

Technical Specifications				RXA20A9	RXA25A9	RXA35A9
Sound power level	Cooling	Max	dBa	60		61
		Night quiet mode	dBa		56	
	Heating	Max	dBa	60		61
		Nom.	dBa	59.0		61.0
		Night quiet mode	dBa		56	
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Max.	dBa	59.0		60.0
		Night quiet mode	dBa		55.0	
	Heating	Max.	dBa	59.0		60.0
		Night quiet mode	dBa		55.0	
Sound pressure level	Cooling	Nom.	dBa	46.0		49.0
	Heating	Nom.	dBa	47.0		49.0
Refrigerant	Type				R-32	
	Charge		kg		0.76	
	Charge		TCO2Eq		0.52	
	Control				Expansion valve	
	GWP				675.0	
Piping connections	Liquid	OD	mm		6.35	
		OD	mm		9.50	
	Drain	OD	mm		18	
	Piping length	OU - IU Max.	m		20	
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU Max.	m		15.0	
	Heat insulation				Both liquid and gas pipes	
	Capacity control	Method			Variable (inverter)	

Standard accessories: Drain plug; Quantity: 1;

Standard accessories: Installation manual; Quantity: 1;

Standard accessories: Refrigerant charge label; Quantity: 1;

Standard accessories: Multilingual fluorinated greenhouse gases labels; Quantity: 1;

Standard accessories: General safety precautions; Quantity: 1;

Electrical Specifications				RXA20A9	RXA25A9	RXA35A9
Power supply	Phase				1~	
	Frequency		Hz		50	
	Voltage		V		220-240	
Wiring connections	For power supply	Quantity			3	
		Remark			Earth wire included	
	For connection with indoor	Quantity			4	
		Remark			Earth wire included	

Contains fluorinated greenhouse gases |

See separate drawing for operation range |

See separate drawing for electrical data

3 Electrical data

3 - 1 Electrical Data

RXA20-35A9

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	①	②	③	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXA20A5V1B9	FTXA20A2V1B	50	220	Maximum :50-Hz :264-V	9,88	10	35	1,9	0,023	0,23	0,035	0,30
		50	230					1,8				
		50	240	Minimum :50-Hz :198-V				1,7				
RXA25A5V1B9	FTXA25A2V1B	50	220	Maximum :50-Hz :264-V	11,17	13	44	2,2	0,023	0,23	0,038	0,40
		50	230					2,1				
		50	240	Minimum :50-Hz :198-V				2,1				
RXA35A5V1B9	FTXA35A2V1B	50	220	Maximum :50-Hz :264-V	12,29	13	59	3,3	0,023	0,23	0,041	0,40
		50	230					3,1				
		50	240	Minimum :50-Hz :198-V				3,0				

Symbols

- ① Hz
- ② Voltage
- ③ Voltage range

- MCA Minimum Circuit Ampere [A]
- MFA Maximum Fuse Ampere [A]
- RLA Rated load amps [A]
- COMP Compressor
- OFM Outdoor fan motor
- IFM Indoor fan motor
- FLA Full Load Ampere [A]
- kW Fan motor rated output [kW]
- RHz Rated operating frequency [Hz]

Notes

- The ·RLA· is based on the following conditions.
Indoor temperature ·27.°C DB / ·19.°C WB
Outdoor temperature ·35.°C DB
- Select the wire size according to the MCA.
- The maximum allowable voltage that is unbalanced between phases is ·2. %.
- Use a circuit breaker instead of a fuse.

3D133678

4 Capacity tables

4 - 1 Cooling Capacity Tables

FTXA20A / RXA20A9

Cooling

-50· Hz

-220 - 240· V

AFR

11

BF

0,154

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2,05	2,05	0,33	1,96	1,96	0,36	1,86	1,86	0,39	1,83	1,83	0,40	1,77	1,77	0,42	1,68	1,68	0,45
16	22	2,14	2,14	0,33	2,05	2,05	0,36	1,95	1,95	0,39	1,92	1,92	0,40	1,86	1,86	0,42	1,77	1,77	0,45
18	25	2,23	2,23	0,33	2,14	2,14	0,36	2,05	2,05	0,39	2,01	2,01	0,41	1,95	1,95	0,42	1,86	1,86	0,46
19	27	2,28	2,28	0,33	2,19	2,19	0,36	2,09	2,09	0,39	2,06	2,06	0,41	2,00	2,00	0,43	1,91	1,91	0,46
22	30	2,42	2,42	0,33	2,32	2,32	0,37	2,23	2,23	0,40	2,19	2,19	0,41	2,14	2,14	0,43	2,05	2,05	0,46
24	32	2,51	2,33	0,34	2,42	2,42	0,37	2,32	2,32	0,40	2,29	2,29	0,41	2,23	2,23	0,43	2,14	2,14	0,46

Heating

-50· Hz

-220 - 240· V

AFR

10,9

Indoor temperature		Outdoor temperature [°C WB]											
EDB		-15		-10		-5		0		6		10	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15		1,19	0,32	1,43	0,37	1,67	0,37	1,91	0,46	2,59	0,49	2,81	0,51
20		1,12	0,33	1,36	0,38	1,60	0,38	1,84	0,48	2,50	0,50	2,73	0,52
22		1,09	0,33	1,33	0,38	1,57	0,38	1,81	0,48	2,47	0,50	2,69	0,52
24		1,06	0,34	1,30	0,39	1,54	0,39	1,78	0,48	2,43	0,51	2,66	0,53
25		1,04	0,34	1,28	0,39	1,52	0,39	1,76	0,49	2,41	0,51	2,64	0,53
27		1,01	0,34	1,25	0,39	1,49	0,39	1,73	0,49	2,38	0,52	2,61	0,53

Symbols

AFR

Air flow rate [m³/min]

BF

Bypass factor

EWB

Entering wet-bulb temperature (°C WB)

EDB

Entering dry-bulb temperature (°C DB)

TC

Total capacity [kW]

SHC

Sensible heat capacity [kW]

PI

Power input [kW]

Notes

1) The bold cells indicate the standard conditions.

2) The capacities are based on the following conditions:
Corresponding refrigerant piping length: -5· m
Level difference: -0·m

3) The air flow rate and bypass factor are mentioned in the table.

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4D133679

FTXA25A / RXA25A9																										
Cooling																										
-50· Hz -220 - 240· V																										
<table><tr><td colspan="2">AFR</td><td colspan="2">11,5</td></tr><tr><td colspan="2">BF</td><td colspan="2">0,167</td></tr></table>																			AFR		11,5		BF		0,167	
AFR		11,5																								
BF		0,167																								
Indoor temperature		Outdoor temperature [°C DB]																								
EWB	EDB	20			25			30			32			35			40									
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI							
14	20	2,56	2,12	0,43	2,44	2,11	0,47	2,33	2,11	0,51	2,28	2,11	0,53	2,21	2,12	0,55	2,10	2,10	0,60							
16	22	2,68	2,00	0,43	2,56	1,98	0,47	2,44	1,96	0,52	2,40	1,96	0,53	2,33	1,96	0,56	2,21	1,97	0,60							
18	25	2,79	2,16	0,43	2,68	2,15	0,48	2,56	2,16	0,52	2,51	2,17	0,53	2,44	2,19	0,56	2,33	2,24	0,60							
19	27	2,85	2,42	0,44	2,73	2,46	0,48	2,62	2,52	0,52	2,57	2,57	0,54	2,50	2,50	0,56	2,38	2,38	0,60							
22	30	3,02	2,14	0,44	2,91	2,14	0,48	2,79	2,17	0,52	2,74	2,18	0,54	2,67	2,21	0,56	2,56	2,27	0,61							
24	32	3,14	1,97	0,44	3,02	1,97	0,48	2,90	1,98	0,53	2,86	1,98	0,54	2,79	2,00	0,57	2,67	2,03	0,61							

Heating																																						
-50· Hz -220 - 240· V																																						
						-----	--	------	--		AFR		11,1			-----	--	------	--																			
Indoor temperature		Outdoor temperature [°C WB]																																				
EDB		-15		-10		-5		0		6		10																										
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI																									
15		1,33	0,36	1,60	0,42	1,87	0,42	2,14	0,52	2,90	0,55	3,15	0,57																									
20		1,25	0,37	1,52	0,43	1,79	0,43	2,06	0,53	2,80	0,56	3,05	0,58																									
22		1,22	0,37	1,49	0,43	1,76	0,43	2,02	0,54	2,76	0,57	3,01	0,58																									
24		1,19	0,38	1,45	0,43	1,72	0,43	1,99	0,54	2,72	0,57	2,98	0,59																									
25		1,17	0,38	1,44	0,44	1,71	0,44	1,98	0,54	2,70	0,57	2,96	0,59																									
27		1,14	0,38	1,41	0,44	1,67	0,44	1,94	0,55	2,66	0,58	2,92	0,60																									
Symbols																																						
AFR		Air flow rate [m³/min]																																				
BF		Bypass factor																																				
EWB		Entering wet-bulb temperature (°C WB)																																				
EDB		Entering dry-bulb temperature (°C DB)																																				
TC		Total capacity [kW]																																				
SHC		Sensible heat capacity [kW]																																				
PI		Power input [kW]																																				
Notes																																						
1)		The bold cells indicate the standard conditions.																																				
2)		The capacities are based on the following conditions: Corresponding refrigerant piping length: ·5· m Level difference: ·0·m																																				
3)		The air flow rate and bypass factor are mentioned in the table.																																				
4D133680																																						

4D133680

4 Capacity tables

4 - 1 Cooling Capacity Tables

FTXA35A / RXA35A9

Cooling

-50- Hz -220 - 240- V

AFR	11,9
BF	0,189

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3,48	2,66	0,60	3,33	2,61	0,65	3,17	2,57	0,71	3,10	2,56	0,73	3,01	2,54	0,77	2,85	2,53	0,83
16	22	3,64	2,53	0,60	3,48	2,47	0,66	3,32	2,43	0,72	3,26	2,41	0,74	3,17	2,39	0,77	3,01	2,36	0,83
18	25	3,80	2,66	0,60	3,64	2,63	0,66	3,48	2,60	0,72	3,42	2,59	0,74	3,32	2,59	0,78	3,16	2,59	0,83
19	27	3,87	2,90	0,61	3,72	2,89	0,66	3,56	2,89	0,72	3,49	2,90	0,74	3,40	2,91	0,78	3,24	2,97	0,84
22	30	4,11	2,61	0,61	3,95	2,59	0,67	3,79	2,57	0,73	3,73	2,57	0,75	3,63	2,56	0,78	3,48	2,58	0,84
24	32	4,27	2,44	0,61	4,11	2,41	0,67	3,95	2,38	0,73	3,89	2,38	0,75	3,79	2,37	0,79	3,63	2,36	0,84

Heating

-50- Hz -220 - 240- V

AFR	11,5
-----	------

Indoor temperature		Outdoor temperature [°C WB]									
EDB		-15		-10		-5		0		6	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15		1,90	0,64	2,29	0,74	2,67	0,74	3,06	0,92	4,14	0,97
20		1,79	0,66	2,17	0,75	2,56	0,75	2,94	0,94	4,00	0,99
22		1,74	0,66	2,12	0,76	2,51	0,76	2,89	0,95	3,94	1,00
24		1,69	0,67	2,08	0,77	2,46	0,77	2,85	0,96	3,89	1,01
25		1,67	0,67	2,05	0,77	2,44	0,77	2,82	0,96	3,86	1,01
27		1,62	0,68	2,01	0,78	2,39	0,78	2,77	0,97	3,81	1,02

Symbols

AFR Air flow rate [m³/min]
 BF Bypass factor
 EWB Entering wet-bulb temperature (°C WB)
 EDB Entering dry-bulb temperature (°C DB)
 TC Total capacity [kW]
 SHC Sensible heat capacity [kW]
 PI Power input [kW]

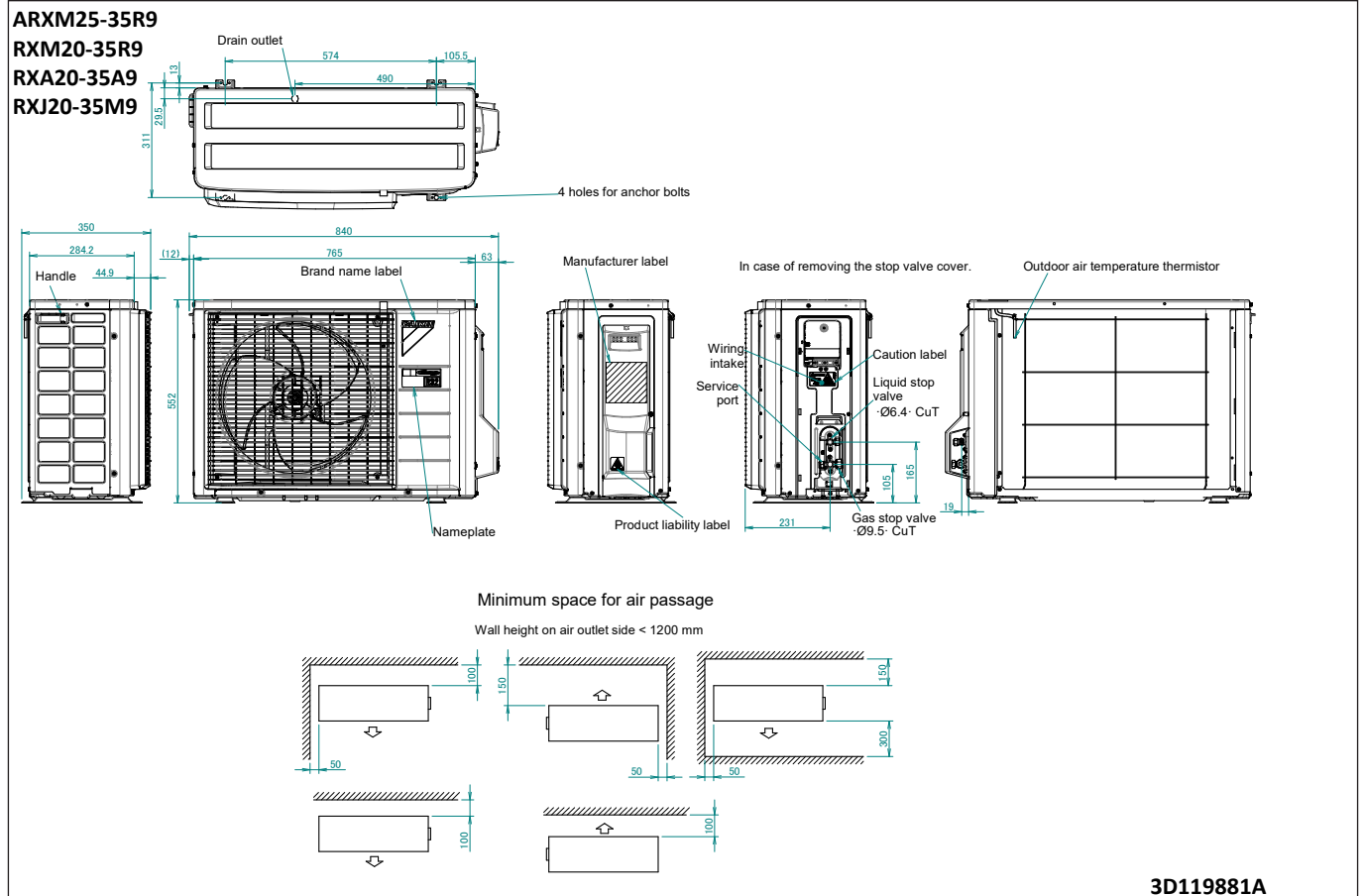
Notes

- The bold cells indicate the standard conditions.
- The capacities are based on the following conditions:
 Corresponding refrigerant piping length: -5- m
 Level difference: -0-m
- The air flow rate and bypass factor are mentioned in the table.

4D133681

5 Dimensional drawings

5 - 1 Dimensional Drawings



6 Centre of gravity

6 - 1 Centre of Gravity

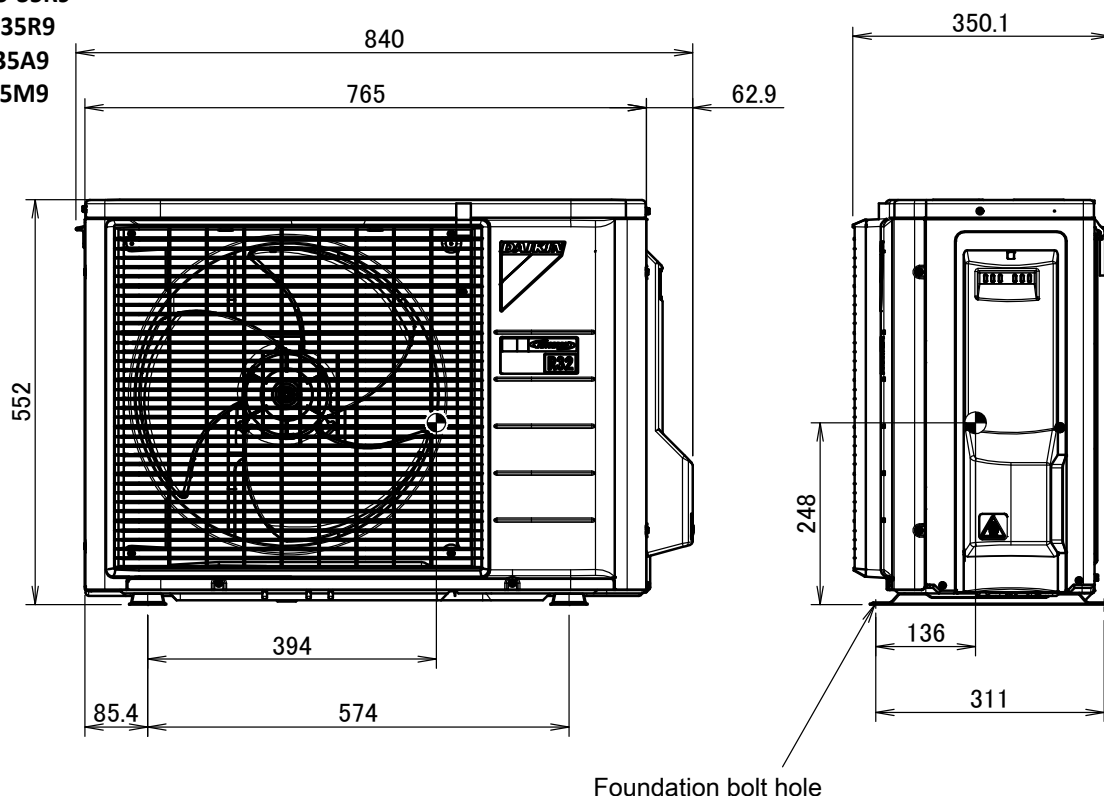
6

ARXM25-35R9

RXM20-35R9

RXA20-35A9

RXJ20-35M9



4D119880

7 Piping diagrams

7 - 1 Piping Diagrams

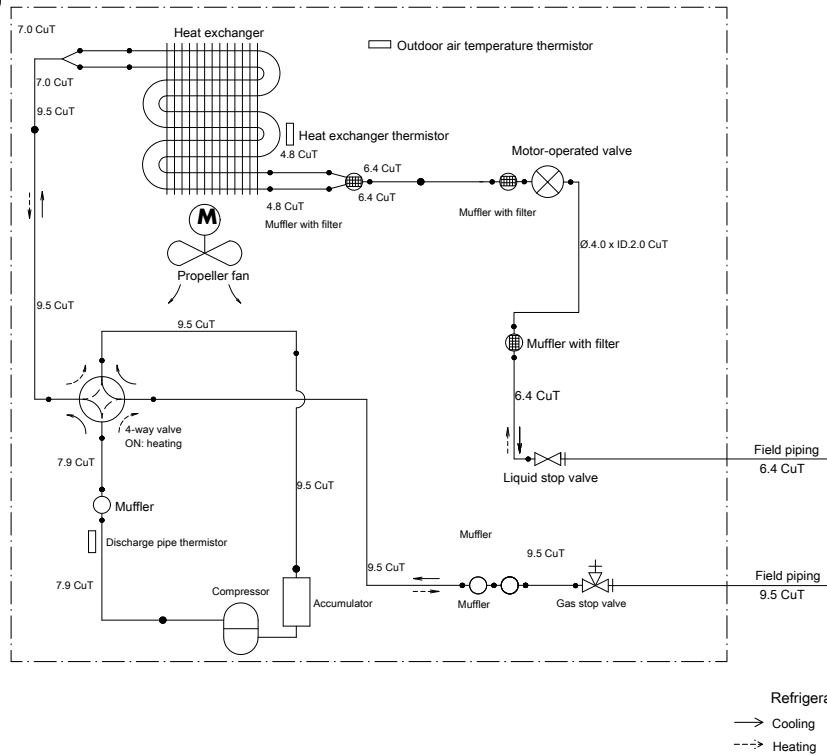
ARXM25-35R9

RXM20-35R9

RXA20-35A9

RXJ20-35M9

Outdoor unit

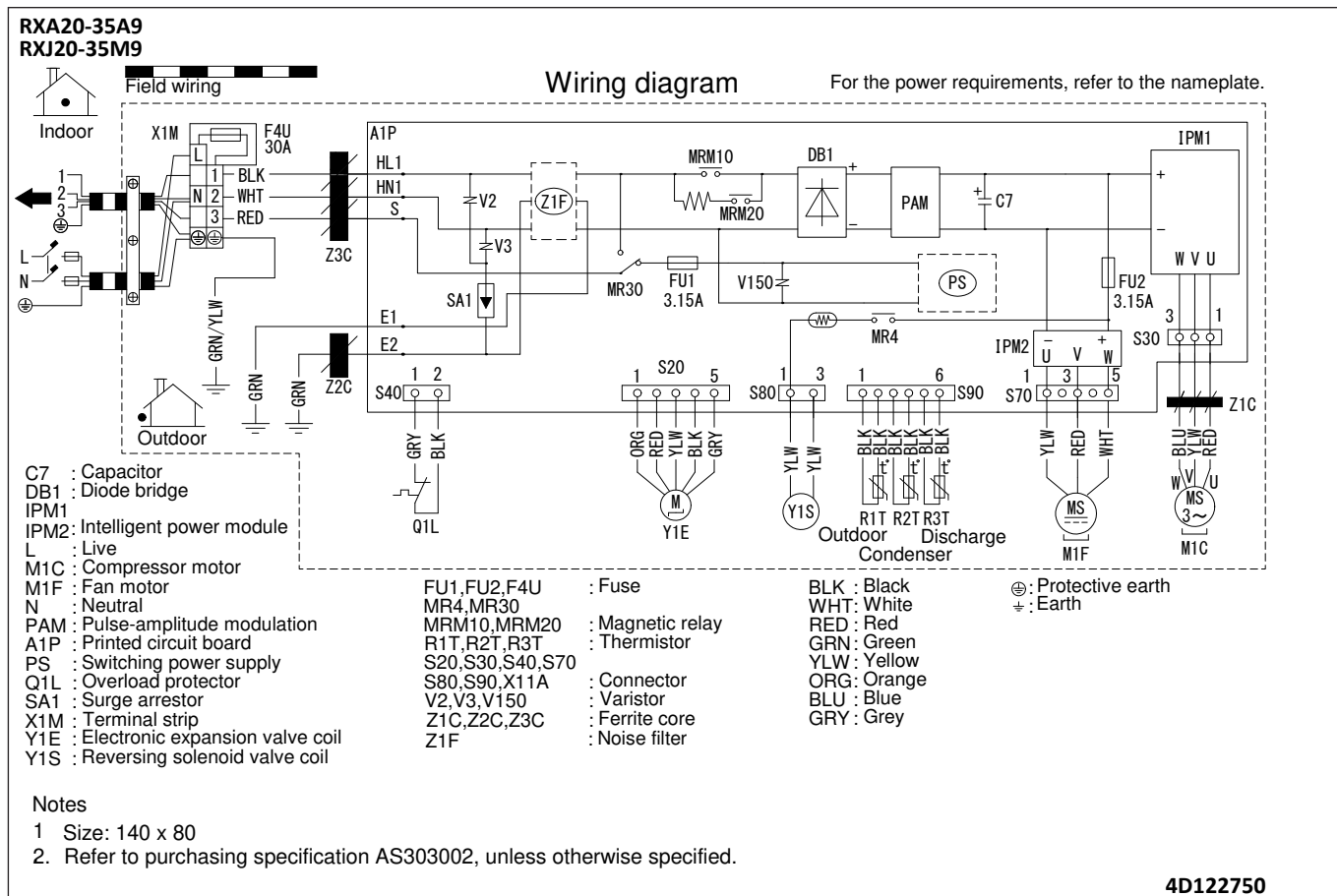


3D091995B

8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

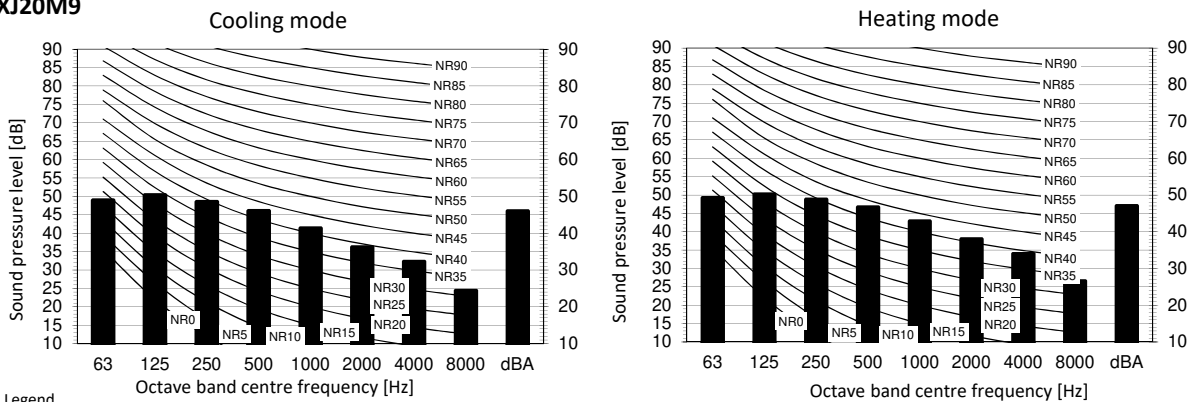
8



9 Sound data

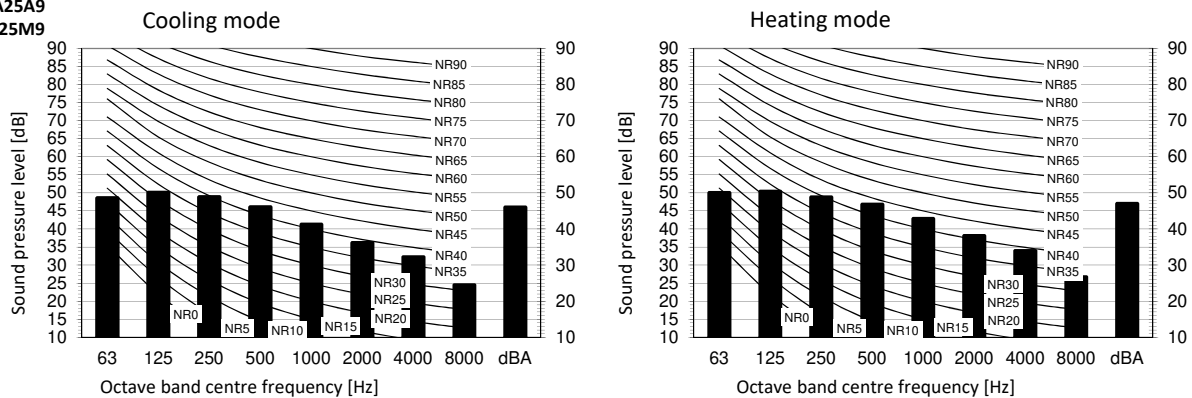
9 - 1 Sound Pressure Spectrum

RXM20R9
RXA20A9
RXJ20M9



3D110121A

ARXM25R9
RXM25R9
RXA25A9
RXJ25M9



3D110122A

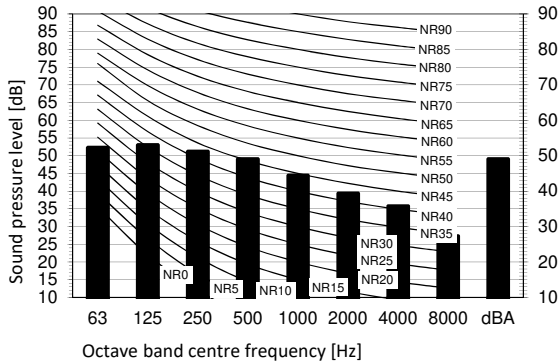
9 Sound data

9 - 1 Sound Pressure Spectrum

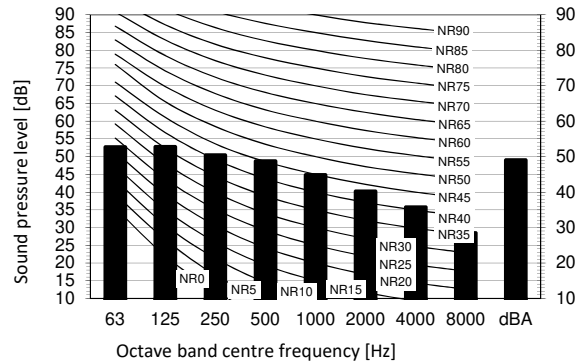
9

ARXM35R9
RXM35R9
RXA35A9
RXJ35M9

Cooling mode



Heating mode



Legend

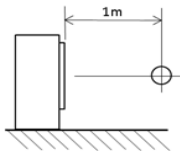
dBA = A-weighted sound pressure level (A scale according to IEC).

- A Scale
B Fan speed: High

Notes

- 1 Background noise already taken into account.
- 2 Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- 3 Operating noise varies depending on operation and ambient conditions.
- 4 The operation noise measuring method is in accordance with JISC9612.
- 5 Measuring location: anechoic chamber

Location of microphone



Cooling

Total dB

A	B
dBA	49

Heating

Total dB

A	B
dBA	49

3D110123A

10 Installation

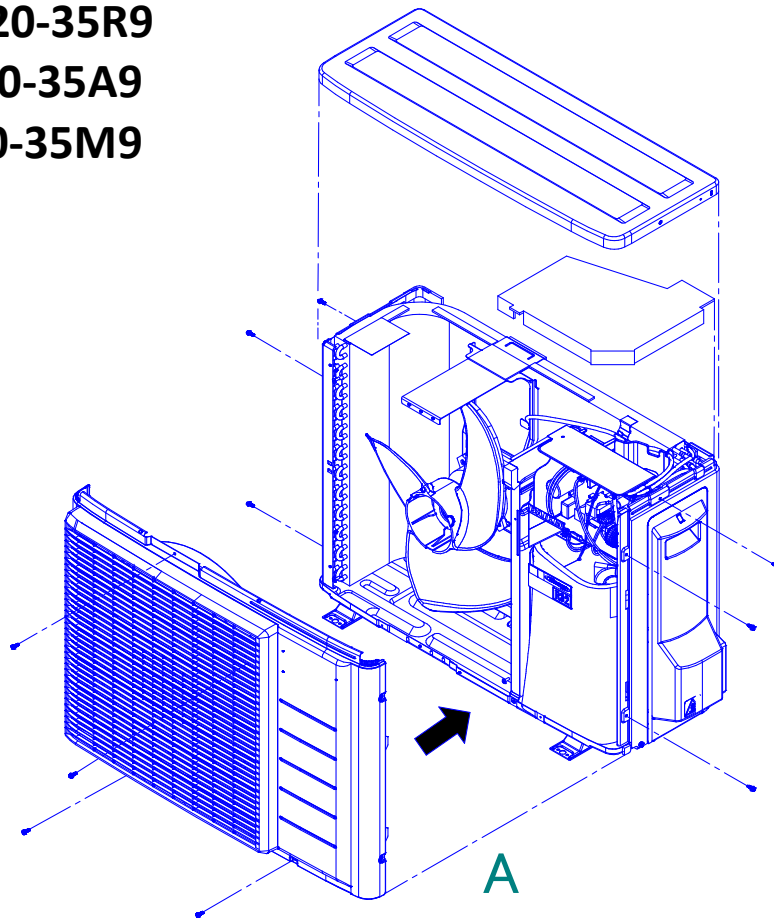
10 - 1 Installation Method

ARXM25-35R9

RXM20-35R9

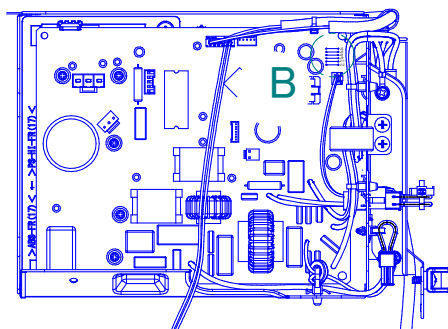
RXA20-35A9

RXJ20-35M9

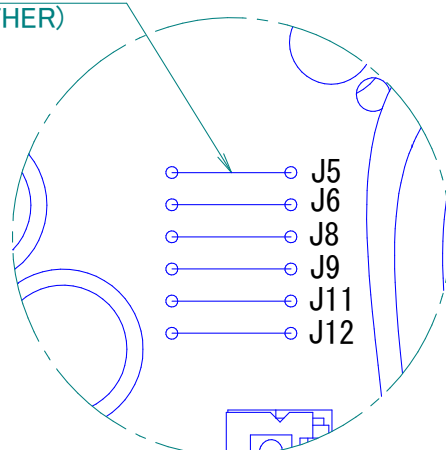


DISASSEMBLY OF UNIT

CUT JUMPER J5 WITH PLIERS
(CUT PARTS SHALL NOT TOUCH EACH OTHER)
(DO NOT DAMAGE OTHER JUMPERS)



ARROW VIEW A
EL. COMPO. ASSY



DETAIL B

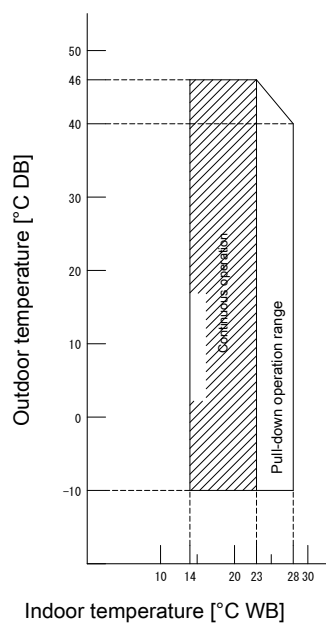
4D133752

11 Operation range

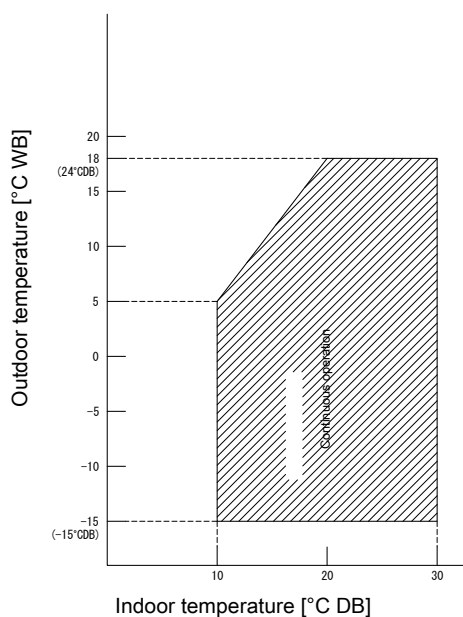
11 - 1 Operation Range

RXJ20-35M9
RXA20-35A9

Cooling



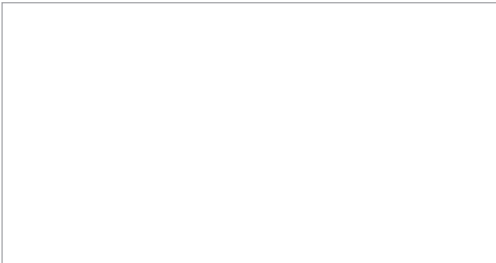
Heating



Notes

- The graph is based on the following conditions.
Corresponding refrigerant piping length: 5 m
Level difference: 0m
Air flow rate High

3D092127E



EEDEN21

04/2021



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