



Air Conditioning Technical Data RXA-A9 / RXA-B



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RXA-A9 / RXA-B

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1 Features

1 - 1 RXA-A9 / RXA-B

- › 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



Outdoor
unit silent
operation

2 Specifications

2 - 1 Specifications

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
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	-	-	-
	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)	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
		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
	Required back up heating cap at design conditions		kW	0.21	0.15	0.14
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
	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
	Energy efficiency class				A+++	
	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
	Required back up heating cap at design conditions		kW	0.21	0.15	0.14

2 Specifications

2 - 1 Specifications

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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	kWh/a		392	418	446
Space heating (Warm climate)	Required back up heating cap at design conditions			kW		
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	6.41
	Annual energy consumption	kWh/a		392	419	447
	Required back up heating cap at design conditions			kW		
Space cooling	A Condition	Pdc	kW	2.00	2.50	3.40
	(35°C - 27/19)	EERd		4.70	4.46	4.37
		Power input	kW	0.43	0.56	0.78
	B Condition	Pdc	kW	1.47	1.84	2.51
	(30°C - 27/19)	EERd		6.96	6.79	6.28
		Power input	kW	0.21	0.27	0.40
	C Condition	Pdc	kW	0.95	1.18	1.61
	(25°C - 27/19)	EERd		10.37	10.35	10.58
		Power input	kW	0.09	0.11	0.15
	D Condition	Pdc	kW	1.27	1.29	1.33
	(20°C - 27/19)	EERd		16.36	16.30	16.21
		Power input	kW		0.08	
	A Condition	Pdc	kW	2.00	2.50	3.40
	(35°C - 27/19)	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 Condition	Pdc	kW	1.47	1.84	2.51
	(30°C - 27/19)	EERd		6.92	6.78	6.28
		Power input	kW	0.21	0.27	0.40
	C Condition	Pdc	kW	0.95	1.18	1.61
	(25°C - 27/19)	EERd		10.37	10.35	10.58
		Power input	kW	0.09	0.11	0.15
	D Condition	Pdc	kW	1.27	1.29	1.33
	(20°C - 27/19)	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
		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	Pdh (declared heating cap)	kW	2.12	2.17	2.21
	(-7°C)	COPd (declared COP)		3.56	3.59	3.58
		Power input	kW	0.60		0.62
	B Condition	Pdh (declared heating cap)	kW	1.29	1.32	1.35
	(2°C)	COPd (declared COP)		5.24	5.22	5.19
		Power input	kW	0.25		0.26
	C Condition	Pdh (declared heating cap)	kW	0.92	0.94	
	(7°C)	COPd (declared COP)		6.27	6.25	6.19
		Power input	kW		0.15	
	D Condition	Pdh (declared heating cap)	kW		1.10	
	(12°C)	COPd (declared COP)		8.05	8.02	7.97
		Power input	kW		0.14	

2 Specifications

2 - 1 Specifications

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		0.64		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		0.64		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		0.94	
		COPd (declared COP)			6.27		6.25		6.19	
		Power input		kW	0.15		0.15		0.15	
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.10		1.10		1.10	
		COPd (declared COP)			8.05		8.02		7.97	
		Power input		kW	0.14		0.14		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		1.10		1.10	
		COPd (declared COP)			8.05		8.02		7.97	
		Power input		kW	0.14		0.14		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		1.10		1.10	
		Power input		kW	0.14		0.14		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					
	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					

2 Specifications

2 - 1 Specifications

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Technical specifications					FTXA20AS + RXA20A9	FTXA25AS + RXA25A9	FTXA35AS + RXA35A9
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					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)	Cooling	A		2.0	2.6	3.6
	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4

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)	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)	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
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
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

2 Specifications

2 - 1 Specifications

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	
Space heating (Average climate)	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
Space heating (Warm climate)	Capacity	Pdesign	kW	1.75	1.87	2.00
	Energy efficiency class				A+++	
	SCOP			6.26		6.28
	SCOPnet				6.42	
Space heating (Warm climate)	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 Condition	Pdc	kW	2.00	2.50	3.40
	(35°C - 27/19)	EERd		4.70	4.46	4.37
	Power input		kW	0.43	0.56	0.78
	B Condition	Pdc	kW	1.47	1.84	2.51
	(30°C - 27/19)	EERd		6.96	6.79	6.28
	Power input		kW	0.21	0.27	0.40
	C Condition	Pdc	kW	0.95	1.18	1.61
	(25°C - 27/19)	EERd		10.37	10.35	10.58
	Power input		kW	0.09	0.11	0.15
	D Condition	Pdc	kW	1.27	1.29	1.33
	(20°C - 27/19)	EERd		16.36	16.30	16.21
	Power input		kW		0.08	
Space cooling - Low sound mode (Stb. 2020, 189)	A Condition	Pdc	kW	2.00	2.50	3.40
	(35°C - 27/19)	EERd		4.65	4.42	4.37
	Power input		kW	0.43	0.57	0.78
	B Condition	Pdc	kW	1.47	1.84	2.51
	(30°C - 27/19)	EERd		6.92	6.78	6.28
	Power input		kW	0.21	0.27	0.40
	C Condition	Pdc	kW	0.95	1.18	1.61
	(25°C - 27/19)	EERd		10.37	10.35	10.58
	Power input		kW	0.09	0.11	0.15
	D Condition	Pdc	kW	1.27	1.29	1.33
	(20°C - 27/19)	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
	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
		Power input	kW		0.60	0.62
Space heating (Average climate)	A Condition	Pdh (declared heating cap)	kW	2.12	2.17	2.21
	(-7°C)	COPd (declared COP)		3.56	3.59	3.58
		Power input	kW		0.60	0.62
	B Condition	Pdh (declared heating cap)	kW	1.29	1.32	1.35
	(2°C)	COPd (declared COP)		5.24	5.22	5.19
		Power input	kW		0.25	0.26
	C Condition	Pdh (declared heating cap)	kW	0.92		0.94
	(7°C)	COPd (declared COP)		6.27	6.25	6.19
		Power input	kW		0.15	
	D Condition	Pdh (declared heating cap)	kW		1.10	
	(12°C)	COPd (declared COP)		8.05	8.02	7.97
		Power input	kW		0.14	

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Technical specifications					FTXA20AT + RXA20A9		FTXA25AT + RXA25A9		FTXA35AT + 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						
	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						

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Technical specifications					FTXA20AT + RXA20A9	FTXA25AT + RXA25A9	FTXA35AT + RXA35A9
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					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)	Cooling	A		2.0	2.6	3.6
	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4

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
	Power input	Cooling	Min.	kW	0.27		0.31
	Power input	Heating	Min.	kW	0.25		0.26
	Power input	Heating	Max.	kW	0.91	1.22	1.67
Power input - Low sound mode (Stb. 2020, 189)	Cooling	Min.	kW		0.27		0.31
	Cooling	Nom.	kW		0.43	0.56	0.78
	Heating	Min.	kW		0.25		0.26
	Heating	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	
	Energy labeling Directive	Heating				A	
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER				4.65	4.42	4.37
	COP				5.00		4.04

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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			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°	kW	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
	SCOP/A			5.00		
Space heating (Average climate) - 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			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
Space heating (Warm climate)	Energy efficiency class			A+++		
	SCOP			6.26		6.28
	SCOPnet			6.42		
Space heating (Warm climate)	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	Pdc	kW	2.00	2.50
(35°C - 27/19)		EERd	4.70	4.46	4.37	
		Power input	kW	0.43	0.56	0.78
B Condition		Pdc	kW	1.47	1.84	2.51
		(30°C - 27/19)	EERd	6.96	6.79	6.28
		Power input	kW	0.21	0.27	0.40
		C Condition	Pdc	kW	0.95	1.18
(25°C - 27/19)			EERd	10.37	10.35	10.58
		Power input	kW	0.09	0.11	0.15
		D Condition	Pdc	kW	1.27	1.29
(20°C - 27/19)			EERd	16.36	16.30	16.21
		Power input	kW	0.08		
		A Condition	Pdc	kW	2.00	2.50
(35°C - 27/19)			EERd	4.65	4.42	4.37
			Power input	kW	0.43	0.57
B Condition	Pdc	kW	1.47	1.84	2.51	
	(30°C - 27/19)	EERd	6.92	6.78	6.28	
		Power input	kW	0.21	0.27	0.40
C Condition	Pdc	kW	0.95	1.18	1.61	
	(25°C - 27/19)	EERd	10.37	10.35	10.58	
		Power input	kW	0.09	0.11	0.15
D Condition	Pdc	kW	1.27	1.29	1.33	
	(20°C - 27/19)	EERd	16.36	16.30	16.21	
		Power input	kW	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)		-7		

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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 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
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 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

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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		
	Thermo-stat-off mode	PTO	Cooling	W	7		
Power consumption in other than active mode	Thermo-stat-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.	dBA	59		61
	Sound power level indoor	Cooling	Nom.	dBA	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)	Cooling	A		2.0	2.6	3.6
	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4

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	
	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	
	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	
	Nom.	kcal/h	2,150		2,410		3,440	

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Technical specifications				FTXA20AW + RXA20A9	FTXA25AW + RXA25A9	FTXA35AW + RXA35A9
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
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
		Max.	kW	0.25		0.26
Nominal efficiency	EER	Min.	kW	0.50	0.56	0.99
		Nom.	kW	4.70	4.46	4.37
		Max.	kW	5.00		4.04
Nominal efficiency - Low sound mode (Stb. 2020, 189)	COP	Min.	kW	4.65	4.42	4.37
		Nom.	kW	5.00		
		Max.	kW			
Space cooling	Energy efficiency class	Min.	kW		A+++	
		Nom.	kW	2.00	2.50	3.40
		Max.	kW	8.75	8.74	8.73
Space cooling - Low sound mode (Stb. 2020, 189)	Annual energy consumption	Min.	kWh/a	80	100	136
		Nom.	kWh/a	2.00	2.50	3.40
		Max.	kWh/a	8.73		
Space heating (Average climate)	Capacity	Min.	kW	80	100	136
		Nom.	kW	2.40	2.45	2.50
		Max.	kW			
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	Energy efficiency class	Min.	kW		A+++	
		Nom.	kW	5.19	5.18	
		Max.	kW	5.15		
Space heating (Warm climate)	SCOPnet/A	Min.	kW	5.19	5.18	
		Nom.	kW	2.19	2.30	2.36
		Max.	kW	2.30		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Annual energy consumption	Min.	kWh/a	653	666	680
		Nom.	kWh/a	0.21	0.15	0.14
		Max.	kWh/a	0.14		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Required back up heating cap at design conditions	Min.	kW	2.40	2.45	2.50
		Nom.	kW	5.00		
		Max.	kW			
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Capacity	Min.	kW	5.04	5.03	
		Nom.	kW	2.19	2.30	2.36
		Max.	kW	2.30		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Annual energy consumption	Min.	kWh/a	672	686	700
		Nom.	kWh/a	0.21	0.15	0.14
		Max.	kWh/a	0.14		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Required back up heating cap at design conditions	Min.	kW	0.21	0.15	0.14
		Nom.	kW	1.75	1.87	2.00
		Max.	kW			
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Energy efficiency class	Min.	kW		A+++	
		Nom.	kW	6.26	6.42	6.28
		Max.	kW	6.28		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	SCOPnet	Min.	kW	392	418	446
		Nom.	kW	0.00		
		Max.	kW			
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Required back up heating cap at design conditions	Min.	kW	1.75	1.87	2.00
		Nom.	kW	6.25		6.27
		Max.	kW			
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Capacity	Min.	kW	6.41	6.40	6.41
		Nom.	kW	392	419	447
		Max.	kW	0.00		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Required back up heating cap at design conditions	Min.	kW	0.00		
		Nom.	kW			
		Max.	kW			
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	A Condition (35°C - 27/19)	Min.	kW	2.00	2.50	3.40
		Nom.	kW	4.70	4.46	4.37
		Max.	kW	0.43	0.56	0.78
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	B Condition (30°C - 27/19)	Min.	kW	1.47	1.84	2.51
		Nom.	kW	6.96	6.79	6.28
		Max.	kW	0.21	0.27	0.40
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	C Condition (25°C - 27/19)	Min.	kW	0.95	1.18	1.61
		Nom.	kW	10.37	10.35	10.58
		Max.	kW	0.09	0.11	0.15
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	D Condition (20°C - 27/19)	Min.	kW	0.09	0.11	0.15
		Nom.	kW	1.27	1.29	1.33
		Max.	kW	16.36	16.30	16.21
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Power input	Min.	kW	0.08		
		Nom.	kW			
		Max.	kW			

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Technical specifications				FTXA20AW + RXA20A9	FTXA25AW + RXA25A9	FTXA35AW + RXA35A9
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
	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
		Power input	kW			
	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
		Power input	kW	0.60		0.62
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	A Condition (-7°C)	Pdh (declared heating cap)	kW		2.17	2.21
		COPd (declared COP)			3.59	3.58
		Power input	kW		0.60	0.62
		Power input	kW			
	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
		Power input	kW			
	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	
		Power input	kW			
	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	
		Power input	kW			
	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
		Power input	kW			
	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
		Power input	kW			
	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	
		Power input	kW			
	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	
		Power input	kW			
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
		Power input	kW			
	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
		Power input	kW			
	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	
		Power input	kW			

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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	
		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						
	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		
		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)	Cooling	A		2.0	2.6	3.6
	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4

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
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

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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
	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
Power input	Cooling	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	Cooling			A	
	Directive	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
	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°		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	1.75	1.87	2.00
Space heating (Warm climate)	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	

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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
	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 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

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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 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					
	Thermo-stat-off mode	PTO	Cooling	W				7					
Power consumption in other than active mode	Thermo-stat-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.	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)	Cooling	A		2.0	2.6	3.6
	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4

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

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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			0.78
	Heating	Min.	kW	0.43	0.56	1.04
		Max.	kW	0.63	0.78	1.04
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	0.56	0.99
		Nom.	kW	0.50	1.22	1.67
Nominal efficiency	EER	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	COP	Min.	kW	0.25	0.56	0.99
		Nom.	kW	0.50	1.22	1.67
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	COP	Min.	kW	0.25	0.56	0.99
		Nom.	kW	0.50	1.22	1.67
Space cooling	Energy efficiency class	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	COP	Min.	kW	0.25	0.56	0.99
		Nom.	kW	0.50	1.22	1.67
Space cooling - Low sound mode (Stb. 2020, 189)	Energy efficiency class	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	COP	Min.	kW	0.25	0.56	0.99
		Nom.	kW	0.50	1.22	1.67
Space heating (Average climate)	Energy efficiency class	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	COP	Min.	kW	0.25	0.56	0.99
		Nom.	kW	0.50	1.22	1.67
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	Energy efficiency class	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	COP	Min.	kW	0.25	0.56	0.99
		Nom.	kW	0.50	1.22	1.67
Space heating (Warm climate)	Energy efficiency class	Min.	kW	0.27		0.31
		Nom.	kW	0.43	0.56	0.78
	COP	Min.	kW	0.25	0.56	0.99
		Nom.	kW	0.50	1.22	1.67

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Technical specifications			FTXA20BS + RXA20A9	FTXA25BS + RXA25A9	FTXA35BS + RXA35A9
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 Condition Pdc	kW	2.00	2.50	3.40
	(35°C - 27/19) EERd		4.70	4.46	4.37
	Power input	kW	0.43	0.56	0.78
	B Condition Pdc	kW	1.47	1.84	2.51
	(30°C - 27/19) EERd		6.96	6.79	6.28
	Power input	kW	0.21	0.27	0.40
	C Condition Pdc	kW	0.95	1.18	1.61
	(25°C - 27/19) EERd		10.37	10.35	10.58
	Power input	kW	0.09	0.11	0.15
	D Condition Pdc	kW	1.27	1.29	1.33
	(20°C - 27/19) EERd		16.36	16.30	16.21
	Power input	kW		0.08	
	A Condition Pdc	kW	2.00	2.50	3.40
	(35°C - 27/19) 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 Condition Pdc	kW	1.47	1.84	2.51
	(30°C - 27/19) EERd		6.92	6.78	6.28
	Power input	kW	0.21	0.27	0.40
	C Condition Pdc	kW	0.95	1.18	1.61
	(25°C - 27/19) EERd		10.37	10.35	10.58
	Power input	kW	0.09	0.11	0.15
	D Condition Pdc	kW	1.27	1.29	1.33
	(20°C - 27/19) 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
	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 Condition Pdh (declared heating cap)	kW	2.12	2.17	2.21
	(-7°C) COPd (declared COP)		3.56	3.59	3.58
	Power input	kW		0.60	0.62
	B Condition Pdh (declared heating cap)	kW	1.29	1.32	1.35
	(2°C) COPd (declared COP)		5.24	5.22	5.19
	Power input	kW		0.25	0.26
	C Condition Pdh (declared heating cap)	kW	0.92		0.94
	(7°C) COPd (declared COP)		6.27	6.25	6.19
	Power input	kW		0.15	
	D Condition Pdh (declared heating cap)	kW		1.10	
	(12°C) 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 Pdh (declared heating cap)	kW	2.12	2.17	2.21
	(-7°C) COPd (declared COP)		3.32	3.35	3.34
	Power input	kW	0.64	0.65	0.66
	B Condition Pdh (declared heating cap)	kW	1.29	1.32	1.35
	(2°C) COPd (declared COP)		5.06	5.04	5.02
	Power input	kW	0.25	0.26	0.27
	C Condition Pdh (declared heating cap)	kW	0.92		0.94
	(7°C) COPd (declared COP)		6.27	6.25	6.19
	Power input	kW		0.15	
	D Condition Pdh (declared heating cap)	kW		1.10	
	(12°C) COPd (declared COP)		8.05	8.02	7.97
	Power input	kW		0.14	

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Technical specifications					FTXA20BS + RXA20A9	FTXA25BS + RXA25A9	FTXA35BS + RXA35A9
Space heating (Warm climate)	TOL	Tol (temperature operating limit)	°C			-15	
		Pdh (declared heating cap)	kW		2.31	2.52	2.62
Space heating (Warm climate)	TOL	COPd (declared COP)			2.48	2.36	2.30
		Power input	kW		0.93	1.07	1.14
		Tbiv (bivalent temperature)	°C			2.00	
		Pdh (declared heating cap)	kW		1.75	1.87	2.00
	TBivalent	COPd (declared COP)			4.76	4.67	4.64
		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
	B Condition (2°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
	C Condition (7°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
	D Condition (12°C)	Power input	kW			0.14	
		Pdh (declared heating cap)	kW				
		COPd (declared COP)					
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	
		POFF	W			0.5	
	Standby mode	Cooling PSB	W			0.5	
		Heating PSB	W			0.5	
	Thermo-stat-off mode	PTO Cooling	W			7	
Power consumption in other than active mode	Thermo-stat-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.	dBa	59		61
	Sound power level indoor	Cooling	Nom.	dBa	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)	Cooling	A		2.0	2.6	3.6
	Nominal running current (RLA) - 50Hz	Heating	A		2.3	2.6	4.4

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Technical specifications				FTXA42AS + RXA42B	FTXA50AS + RXA50B
Indoor unit				FTXA42A2V1BS	FTXA50A2V1BS
Outdoor unit				RXA42B2V1B	RXA50B2V1B
Cooling capacity	Min.		kW	1.7	
	Min.		Btu/h	5,800.0	
	Min.		kcal/h	1,460.0	
	Nom.		kW	4.2	5.0
	Nom.		Btu/h	14,300.0	17,100.0
	Nom.		kcal/h	3,610.0	4,300.0
	Max.		kW	5.0	5.3
	Max.		Btu/h	17,100.0	18,100.0
	Max.		kcal/h	4,300.0	4,560.0
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-	
	Max.		kcal/h	-	
Heating capacity	Min.		kW	1.70	
	Min.		Btu/h	5,800.0	
	Min.		kcal/h	1,460.0	
	Nom.		kW	5.40	5.80
	Nom.		Btu/h	18,400.0	19,800.0
	Nom.		kcal/h	4,640.0	4,990.0
	Max.		kW	6.00	6.50
	Max.		Btu/h	20,500.0	22,200.0
	Max.		kcal/h	5,160.0	5,590.0
Power input	Cooling	Nom.	kW	1.05	1.36
	Heating	Nom.	kW	1.31	1.45
Nominal efficiency	EER			3.99	3.68
	COP			4.12	4.00
	Energy labeling	Cooling		A	
	Directive	Heating		A	
Space cooling	Energy efficiency class			A++	
	Capacity	Pdesign	kW	4.20	5.00
	SEER			7.50	7.33
	Annual energy consumption			196	239
Space heating (Average climate)	Capacity	Pdesign	kW	3.80	4.00
	Energy efficiency class			A++	
	SCOP/A			4.60	
	SCOPnet/A			4.63	4.61
Space heating (Average climate)	PdH Heating capacity at -10°		kW	3.56	3.76
	Annual energy consumption		kWh/a	1,150	1,217
	Required back up heating cap at design conditions		kW	0.24	
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.15	
	Energy efficiency class			A+++	
	SCOP			5.93	5.84
	SCOPnet			6.03	5.95
	Annual energy consumption		kWh/a	508	515
	Required back up heating cap at design conditions			0.00	
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	4.20	5.00
		EERd		3.99	3.68
		Power input	kW	1.05	1.36
	B Condition (30°C - 27/19)	Pdc	kW	3.09	3.68
		EERd		5.54	5.29
		Power input	kW	0.56	0.70
	C Condition (25°C - 27/19)	Pdc	kW	1.99	2.37
		EERd		9.31	9.24
		Power input	kW	0.21	0.26
	D Condition (20°C - 27/19)	Pdc	kW	1.86	1.87
		EERd		12.06	12.03
		Power input	kW	0.15	0.16

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Technical specifications					FTXA42AS + RXA42B		FTXA50AS + RXA50B	
Space heating (Average climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pd _h (declared heating cap)			kW	3.90	4.12	
		COP _d (declared COP)				2.04	2.16	
		Power input			kW	1.91		
	TBivalent	T _{biv} (bivalent temperature)			°C	-7		
		Pd _h (declared heating cap)			kW	3.36	3.54	
		COP _d (declared COP)				3.24	3.16	
		Power input			kW	1.04	1.12	
	A Condition (-7°C)	Pd _h (declared heating cap)			kW	3.36	3.54	
		COP _d (declared COP)				3.24	3.16	
		Power input			kW	1.04	1.12	
	B Condition (2°C)	Pd _h (declared heating cap)			kW	2.05	2.15	
		COP _d (declared COP)				4.44	4.43	
		Power input			kW	0.46	0.49	
	C Condition (7°C)	Pd _h (declared heating cap)			kW	1.65	1.71	
		COP _d (declared COP)				6.33	6.32	
Space heating (Average climate)	C Condition (7°C)	Power input			kW	0.26	0.27	
	D Condition (12°C)	Pd _h (declared heating cap)			kW	1.52		
		COP _d (declared COP)				7.35	7.25	
			Power input			kW	0.21	
Space heating (Warm climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pd _h (declared heating cap)			kW	3.90	4.12	
		COP _d (declared COP)				2.04	2.16	
		Power input			kW	1.91		
	TBivalent	T _{biv} (bivalent temperature)			°C	2		
		Pd _h (declared heating cap)			kW	2.15		
		COP _d (declared COP)				4.42	4.43	
		Power input			kW	0.49		
	B Condition (2°C)	Pd _h (declared heating cap)			kW	2.15		
		COP _d (declared COP)				4.42	4.43	
		Power input			kW	0.49		
	C Condition (7°C)	Pd _h (declared heating cap)			kW	1.71		
		COP _d (declared COP)				6.43	6.32	
				Power input			kW	0.27
	D Condition (12°C)	Pd _h (declared heating cap)			kW	1.52		
		COP _d (declared COP)				7.35	7.25	
Power input			kW	0.21				
Power consumption in other than active mode	Crankcase heater mode	PCK			W	0.0		
	Off mode	POFF			W	1.0		
	Standby mode	Cooling	PSB	W	1.0			
		Heating	PSB	W	1.0			
Thermo-stat-off mode	PTO	Cooling	W	12				
		Heating	W	13				
Cooling	C _{dc} (Degradation cooling)				0.25			
Heating	C _{dh} (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)	62.0			
Eurovent	Sound power level indoor	Cooling	Nom.	dB(A)	60.0			
Eurovent	Piping length	Cooling	Measuring condition	m	5.0			
Electrical specifications					FTXA42AS + RXA42B		FTXA50AS + RXA50B	
Power factor	Nominal	Cooling	%		93.40	95.30		
		Heating	%		95.50	96.50		
Current	Nominal running current (RLA)	Cooling	A (2)		4.89	6.21		
		Heating	A		5.96	6.53		
Nominal running current (RLA) - 50Hz								

See separate drawing for electrical data |

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |

2 Specifications

2 - 1 Specifications

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m.

Technical specifications				FTXA42AT + RXA42B		FTXA50AT + RXA50B	
Indoor unit				FTXA42A2V1BT		FTXA50A2V1BT	
Outdoor unit				RXA42B2V1B		RXA50B2V1B	
Cooling capacity	Min.		kW	1.7			
	Min.		Btu/h	5,800.0			
	Min.		kcal/h	1,460.0			
	Nom.		kW	4.2		5.0	
	Nom.		Btu/h	14,300.0		17,100.0	
	Nom.		kcal/h	3,610.0		4,300.0	
	Max.		kW	5.0		5.3	
	Max.		Btu/h	17,100.0		18,100.0	
	Max.		kcal/h	4,300.0		4,560.0	
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-			
	Max.		kcal/h	-			
Heating capacity	Min.		kW	1.70			
	Min.		Btu/h	5,800.0			
	Min.		kcal/h	1,460.0			
	Nom.		kW	5.40		5.80	
	Nom.		Btu/h	18,400.0		19,800.0	
	Nom.		kcal/h	4,640.0		4,990.0	
	Max.		kW	6.00		6.50	
	Max.		Btu/h	20,500.0		22,200.0	
	Max.		kcal/h	5,160.0		5,590.0	
Power input	Cooling	Nom.	kW	1.05		1.36	
	Heating	Nom.	kW	1.31		1.45	
Nominal efficiency	EER			3.99		3.68	
	COP			4.12		4.00	
	Energy labeling	Cooling		A			
	Directive	Heating		A			
Space cooling	Energy efficiency class			A++			
	Capacity	Pdesign	kW	4.20		5.00	
	SEER			7.50		7.33	
	Annual energy consumption		kWh/a	196		239	
Space heating (Average climate)	Capacity	Pdesign	kW	3.80		4.00	
	Energy efficiency class			A++			
	SCOP/A			4.60			
	SCOPnet/A			4.63		4.61	
Space heating (Average climate)	PdH Heating capacity at -10°		kW	3.56		3.76	
	Annual energy consumption		kWh/a	1,150		1,217	
	Required back up heating cap at design conditions		kW	0.24			
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.15			
	Energy efficiency class			A+++			
	SCOP			5.93		5.84	
	SCOPnet			6.03		5.95	
	Annual energy consumption		kWh/a	508		515	
	Required back up heating cap at design conditions		kW	0.00			
Space cooling	A Condition	Pdc	kW	4.20		5.00	
	(35°C - 27/19)	EERd		3.99		3.68	
	Power input		kW	1.05		1.36	
	B Condition	Pdc	kW	3.09		3.68	
	(30°C - 27/19)	EERd		5.54		5.29	
	Power input		kW	0.56		0.70	
	C Condition	Pdc	kW	1.99		2.37	
	(25°C - 27/19)	EERd		9.31		9.24	
	Power input		kW	0.21		0.26	
	D Condition	Pdc	kW	1.86		1.87	
	(20°C - 27/19)	EERd		12.06		12.03	
	Power input		kW	0.15		0.16	

2 Specifications

2 - 1 Specifications

Technical specifications					FTXA42AT + RXA42B		FTXA50AT + RXA50B	
Space heating (Average climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pdh (declared heating cap)			kW	3.90		
		COPd (declared COP)				2.04		
		Power input			kW	1.91		
	TBivalent	Tbiv (bivalent temperature)			°C	-7		
		Pdh (declared heating cap)			kW	3.36		
		COPd (declared COP)				3.24		
		Power input			kW	1.04		
	A Condition (-7°C)	Pdh (declared heating cap)			kW	3.36		
		COPd (declared COP)				3.24		
		Power input			kW	1.04		
	B Condition (2°C)	Pdh (declared heating cap)			kW	2.05		
		COPd (declared COP)				4.44		
		Power input			kW	0.46		
	C Condition (7°C)	Pdh (declared heating cap)			kW	1.65		
		COPd (declared COP)				6.33		
Space heating (Average climate)	C Condition (7°C)	Power input			kW	0.26		
	D Condition (12°C)	Pdh (declared heating cap)			kW	1.52		
		COPd (declared COP)				7.35		
			Power input	kW	0.21			
Space heating (Warm climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pdh (declared heating cap)			kW	3.90		
		COPd (declared COP)				2.04		
		Power input			kW	1.91		
	TBivalent	Tbiv (bivalent temperature)			°C	2		
		Pdh (declared heating cap)			kW	2.15		
		COPd (declared COP)				4.42		
		Power input			kW	0.49		
	B Condition (2°C)	Pdh (declared heating cap)			kW	2.15		
		COPd (declared COP)				4.42		
		Power input			kW	0.49		
	C Condition (7°C)	Pdh (declared heating cap)			kW	1.71		
		COPd (declared COP)				6.43		
		Power input			kW	0.27		
	D Condition (12°C)	Pdh (declared heating cap)			kW	1.52		
		COPd (declared COP)				7.35		
Power input			kW	0.21				
Power consumption in other than active mode	Crankcase heater mode	PCK			W	0.0		
	Off mode	POFF			W	1.0		
	Standby mode	Cooling	PSB	W	1.0			
		Heating	PSB	W	1.0			
Thermo-stat-off mode	PTO	Cooling	W	12				
		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	62.0			
Eurovent	Sound power level indoor	Cooling	Nom.	dBA	60.0			
Eurovent	Piping length	Cooling	Measuring condition	m	5.0			
Electrical specifications					FTXA42AT + RXA42B		FTXA50AT + RXA50B	
Power factor	Nominal	Cooling	%		93.40		95.30	
		Heating	%		95.50		96.50	
Current	Nominal running current (RLA)	Cooling	A (2)		4.89		6.21	
		Nominal running current (RLA) - 50Hz	Heating	A		5.96		6.53

See separate drawing for electrical data |

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |

2 Specifications

2 - 1 Specifications

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m.

Technical specifications				FTXA42AW + RXA42B		FTXA50AW + RXA50B	
Indoor unit				FTXA42A2V1BW		FTXA50A2V1BW	
Outdoor unit				RXA42B2V1B		RXA50B2V1B	
Cooling capacity	Min.		kW	1.7			
	Min.		Btu/h	5,800.0			
	Min.		kcal/h	1,460.0			
	Nom.		kW	4.2		5.0	
	Nom.		Btu/h	14,300.0		17,100.0	
	Nom.		kcal/h	3,610.0		4,300.0	
	Max.		kW	5.0		5.3	
	Max.		Btu/h	17,100.0		18,100.0	
	Max.		kcal/h	4,300.0		4,560.0	
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-			
	Max.		kcal/h	-			
Heating capacity	Min.		kW	1.70			
	Min.		Btu/h	5,800.0			
	Min.		kcal/h	1,460.0			
	Nom.		kW	5.40		5.80	
	Nom.		Btu/h	18,400.0		19,800.0	
	Nom.		kcal/h	4,640.0		4,990.0	
	Max.		kW	6.00		6.50	
	Max.		Btu/h	20,500.0		22,200.0	
	Max.		kcal/h	5,160.0		5,590.0	
Power input	Cooling	Nom.	kW	1.05		1.36	
	Heating	Nom.	kW	1.31		1.45	
Nominal efficiency	EER			3.99		3.68	
	COP			4.12		4.00	
	Energy labeling	Cooling		A			
	Directive	Heating		A			
Space cooling	Energy efficiency class			A++			
	Capacity	Pdesign	kW	4.20		5.00	
	SEER			7.50		7.33	
	Annual energy consumption		kWh/a	196		239	
Space heating (Average climate)	Capacity	Pdesign	kW	3.80		4.00	
	Energy efficiency class			A++			
	SCOP/A			4.60			
	SCOPnet/A			4.63		4.61	
Space heating (Average climate)	Pdh Heating capacity at -10°		kW	3.56		3.76	
	Annual energy consumption		kWh/a	1,150		1,217	
	Required back up heating cap at design conditions		kW	0.24			
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.15			
	Energy efficiency class			A+++			
	SCOP			5.93		5.84	
	SCOPnet			6.03		5.95	
	Annual energy consumption		kWh/a	508		515	
	Required back up heating cap at design conditions		kW	0.00			
Space cooling	A Condition	Pdc	kW	4.20		5.00	
	(35°C - 27/19)	EERd		3.99		3.68	
		Power input	kW	1.05		1.36	
	B Condition	Pdc	kW	3.09		3.68	
	(30°C - 27/19)	EERd		5.54		5.29	
		Power input	kW	0.56		0.70	
	C Condition	Pdc	kW	1.99		2.37	
	(25°C - 27/19)	EERd		9.31		9.24	
		Power input	kW	0.21		0.26	
	D Condition	Pdc	kW	1.86		1.87	
	(20°C - 27/19)	EERd		12.06		12.03	
		Power input	kW	0.15		0.16	

2 Specifications

2 - 1 Specifications

Technical specifications					FTXA42AW + RXA42B		FTXA50AW + RXA50B	
Space heating (Average climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pdh (declared heating cap)			kW	3.90	4.12	
		COPd (declared COP)				2.04	2.16	
		Power input			kW	1.91		
	TBivalent	Tbiv (bivalent temperature)			°C	-7		
		Pdh (declared heating cap)			kW	3.36	3.54	
		COPd (declared COP)				3.24	3.16	
		Power input			kW	1.04	1.12	
	A Condition (-7°C)	Pdh (declared heating cap)			kW	3.36	3.54	
		COPd (declared COP)				3.24	3.16	
		Power input			kW	1.04	1.12	
	B Condition (2°C)	Pdh (declared heating cap)			kW	2.05	2.15	
		COPd (declared COP)				4.44	4.43	
		Power input			kW	0.46	0.49	
	C Condition (7°C)	Pdh (declared heating cap)			kW	1.65	1.71	
		COPd (declared COP)				6.33	6.32	
Space heating (Average climate)	C Condition (7°C)	Power input			kW	0.26	0.27	
	D Condition (12°C)	Pdh (declared heating cap)			kW	1.52		
		COPd (declared COP)				7.35	7.25	
			Power input			kW	0.21	
Space heating (Warm climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pdh (declared heating cap)			kW	3.90	4.12	
		COPd (declared COP)				2.04	2.16	
		Power input			kW	1.91		
	TBivalent	Tbiv (bivalent temperature)			°C	2		
		Pdh (declared heating cap)			kW	2.15		
		COPd (declared COP)				4.42	4.43	
		Power input			kW	0.49		
	B Condition (2°C)	Pdh (declared heating cap)			kW	2.15		
		COPd (declared COP)				4.42	4.43	
		Power input			kW	0.49		
	C Condition (7°C)	Pdh (declared heating cap)			kW	1.71		
		COPd (declared COP)				6.43	6.32	
		Power input			kW	0.27		
	D Condition (12°C)	Pdh (declared heating cap)			kW	1.52		
		COPd (declared COP)				7.35	7.25	
			Power input			kW	0.21	
Power consumption in other than active mode	Crankcase heater mode	PCK			W	0.0		
	Off mode	POFF			W	1.0		
	Standby mode	Cooling	PSB	W	1.0			
		Heating	PSB	W	1.0			
Thermo-stat-off mode	PTO	Cooling	W	12				
		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)	62.0			
Eurovent	Sound power level indoor	Cooling	Nom.	dB(A)	60.0			
Eurovent	Piping length	Cooling	Measuring condition	m	5.0			
Electrical specifications					FTXA42AW + RXA42B		FTXA50AW + RXA50B	
Power factor	Nominal	Cooling	%		93.40	95.30		
		Heating	%		95.50	96.50		
Current	Nominal running current (RLA)	Cooling	A (2)		4.89	6.21		
		Heating	A		5.96	6.53		
Nominal running current (RLA) - 50Hz								

See separate drawing for electrical data |

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |

2 Specifications

2 - 1 Specifications

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CWB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m.

Technical specifications				FTXA42BB + RXA42B	FTXA50BB + RXA50B
Outdoor unit				RXA42B2V1B	RXA50B2V1B
Cooling capacity	Min.		kW	1.70	
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,462	
	Nom.		kW	4.20	5.00
	Nom.		Btu/h	14,300	17,100
	Nom.		kcal/h	3,611	4,299
	Max.		kW	5.00	5.30
	Max.		Btu/h	17,100	18,100
	Max.		kcal/h	4,299	4,557
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-	-
	Max.		kcal/h	-	-
Heating capacity	Min.		kW	1.70	
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,500	
	Nom.		kW	5.40	5.80
	Nom.		Btu/h	18,400	19,800
	Nom.		kcal/h	4,643	4,987
	Max.		kW	6.00	6.50
	Max.		Btu/h	20,500	22,200
	Max.		kcal/h	5,159	5,589
Power input	Cooling	Nom.	kW	1.05	1.36
	Heating	Nom.	kW	1.31	1.45
Nominal efficiency	EER			3.99	3.68
	COP			4.12	4.00
	Annual energy consumption		kWh	526	679
	Energy labeling	Cooling		A	
	Energy labeling	Heating		A	
Space cooling	Energy efficiency class			A++	
	Capacity	Pdesign	kW	4.20	5.00
	SEER			7.50	7.33
	Annual energy consumption		kWh/a	196	239
Space heating (Average climate)	Capacity	Pdesign	kW	3.80	4.00
	Energy efficiency class			A++	
	SCOP/A			4.60	
	SCOPnet/A			4.65	4.62
Space heating (Average climate)	Pdh Heating capacity at -10°		kW	3.56	3.76
	Annual energy consumption		kWh/a	1,150	1,217
	Required back up heating cap at design conditions		kW	0.24	
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.15	
	Energy efficiency class			A+++	
	SCOP			5.93	5.84
	SCOPnet			6.05	5.96
	Annual energy consumption		kWh/a	508	515
	Required back up heating cap at design conditions		kW	0.00	
Space cooling	A Condition	Pdc	kW	4.20	5.00
	(35°C - 27/19)	EERd		3.99	3.68
		Power input	kW	1.05	1.36
	B Condition	Pdc	kW	3.09	3.68
	(30°C - 27/19)	EERd		5.58	5.29
		Power input	kW	0.55	0.70
	C Condition	Pdc	kW	1.99	2.37
	(25°C - 27/19)	EERd		9.35	9.24
		Power input	kW	0.21	0.26
	D Condition	Pdc	kW	1.86	1.87
	(20°C - 27/19)	EERd		12.08	12.03
		Power input	kW	0.15	0.16

2 Specifications

2 - 1 Specifications

Technical specifications					FTXA42BB + RXA42B		FTXA50BB + RXA50B	
Space heating (Average climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pdh (declared heating cap)			kW	3.90		4.12
		COPd (declared COP)				2.04		2.16
		Power input			kW		1.91	
	TBivalent	Tbiv (bivalent temperature)			°C	-7		
		Pdh (declared heating cap)			kW	3.36		3.54
		COPd (declared COP)				3.24		3.16
		Power input			kW	1.04		1.12
	A Condition (-7°C)	Pdh (declared heating cap)			kW	3.36		3.54
		COPd (declared COP)				3.24		3.16
		Power input			kW	1.04		1.12
	B Condition (2°C)	Pdh (declared heating cap)			kW	2.05		2.15
		COPd (declared COP)				4.44		4.43
		Power input			kW	0.46		0.49
	C Condition (7°C)	Pdh (declared heating cap)			kW	1.65		1.71
		COPd (declared COP)				6.33		6.32
Space heating (Average climate)	C Condition (7°C)	Power input			kW	0.26		0.27
	D Condition (12°C)	Pdh (declared heating cap)			kW		1.52	
		COPd (declared COP)				7.35		7.25
			Power input			kW		0.21
Space heating (Warm climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pdh (declared heating cap)			kW	3.90		4.12
		COPd (declared COP)				2.04		2.16
		Power input			kW		1.91	
	TBivalent	Tbiv (bivalent temperature)			°C	2		
		Pdh (declared heating cap)			kW		2.15	
		COPd (declared COP)				4.42		4.43
		Power input			kW		0.49	
	B Condition (2°C)	Pdh (declared heating cap)			kW		2.15	
		COPd (declared COP)				4.42		4.43
		Power input			kW		0.49	
	C Condition (7°C)	Pdh (declared heating cap)			kW		1.71	
		COPd (declared COP)				6.43		6.32
		Power input			kW		0.27	
	D Condition (12°C)	Pdh (declared heating cap)			kW		1.52	
		COPd (declared COP)				7.35		7.25
Power input			kW		0.21			
Power consumption in other than active mode	Crankcase heater mode	PCK			W	0		
	Off mode	POFF			W	1		
	Standby mode	Cooling	PSB		W	1		
		Heating	PSB		W	1		
Thermo-stat-off mode	PTO	Cooling	W		12			
		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			
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62			
	Sound power level indoor	Cooling	Nom.	dBA	60			
	Piping length	Cooling	Measuring condition	m	5.00			

Electrical specifications				FTXA42BB + RXA42B	FTXA50BB + RXA50B
Power factor	Nominal	Cooling	%	93.40	95.30
		Heating	%	95.50	96.50
Current	Nominal running current (RLA)	Cooling	A (2)	4.89	6.21
	Nominal running current (RLA) - 50Hz	Heating	A	5.96	6.53

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |

See separate drawing for operation range |

See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FTXA42BS + RXA42B	FTXA50BS + RXA50B
Outdoor unit				RXA42B2V1B	RXA50B2V1B
Cooling capacity	Min.		kW	1.70	
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,462	
	Nom.		kW	4.20	5.00
	Nom.		Btu/h	14,300	17,100
	Nom.		kcal/h	3,611	4,299
	Max.		kW	5.00	5.30
	Max.		Btu/h	17,100	18,100
	Max.		kcal/h	4,299	4,557
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-	
	Max.		kcal/h	-	
Heating capacity	Min.		kW	1.70	
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,500	
	Nom.		kW	5.40	5.80
	Nom.		Btu/h	18,400	19,800
	Nom.		kcal/h	4,643	4,987
	Max.		kW	6.00	6.50
	Max.		Btu/h	20,500	22,200
	Max.		kcal/h	5,159	5,589
Power input	Cooling	Nom.	kW	1.05	1.36
	Heating	Nom.	kW	1.31	1.45
Nominal efficiency	EER			3.99	3.68
	COP			4.12	4.00
	Annual energy consumption		kWh	526	679
	Energy labeling	Cooling		A	
Space cooling	Energy efficiency class			A++	
	Capacity	Pdesign	kW	4.20	5.00
	SEER			7.50	7.33
	Annual energy consumption		kWh/a	196	239
Space heating (Average climate)	Capacity	Pdesign	kW	3.80	4.00
	Energy efficiency class			A++	
	SCOP/A			4.60	
	SCOPnet/A			4.65	4.62
Space heating (Average climate)	Pdh Heating capacity at -10°		kW	3.56	3.76
	Annual energy consumption		kWh/a	1,150	1,217
	Required back up heating cap at design conditions		kW	0.24	
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.15	
	Energy efficiency class			A+++	
	SCOP			5.93	5.84
	SCOPnet			6.05	5.96
	Annual energy consumption		kWh/a	508	515
	Required back up heating cap at design conditions		kW	0.00	
Space cooling	A Condition	Pdc	kW	4.20	5.00
	(35°C - 27/19)	EERd		3.99	3.68
		Power input	kW	1.05	1.36
	B Condition	Pdc	kW	3.09	3.68
	(30°C - 27/19)	EERd		5.58	5.29
		Power input	kW	0.55	0.70
	C Condition	Pdc	kW	1.99	2.37
	(25°C - 27/19)	EERd		9.35	9.24
		Power input	kW	0.21	0.26
	D Condition	Pdc	kW	1.86	1.87
	(20°C - 27/19)	EERd		12.08	12.03
		Power input	kW	0.15	0.16

2 Specifications

2 - 1 Specifications

Technical specifications					FTXA42BS + RXA42B	FTXA50BS + RXA50B		
Space heating (Average climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pdh (declared heating cap)			kW	3.90	4.12	
		COPd (declared COP)				2.04	2.16	
		Power input			kW	1.91		
	TBivalent	Tbiv (bivalent temperature)			°C	-7		
		Pdh (declared heating cap)			kW	3.36	3.54	
		COPd (declared COP)				3.24	3.16	
		Power input			kW	1.04	1.12	
	A Condition (-7°C)	Pdh (declared heating cap)			kW	3.36	3.54	
		COPd (declared COP)				3.24	3.16	
		Power input			kW	1.04	1.12	
	B Condition (2°C)	Pdh (declared heating cap)			kW	2.05	2.15	
		COPd (declared COP)				4.44	4.43	
		Power input			kW	0.46	0.49	
C Condition (7°C)	Pdh (declared heating cap)			kW	1.65	1.71		
	COPd (declared COP)				6.33	6.32		
Space heating (Average climate)	C Condition (7°C)	Power input			kW	0.26	0.27	
	D Condition (12°C)	Pdh (declared heating cap)			kW	1.52		
		COPd (declared COP)				7.35	7.25	
			Power input			kW	0.21	
Space heating (Warm climate)	TOL	Tol (temperature operating limit)			°C	-15		
		Pdh (declared heating cap)			kW	3.90	4.12	
		COPd (declared COP)				2.04	2.16	
		Power input			kW	1.91		
	TBivalent	Tbiv (bivalent temperature)			°C	2		
		Pdh (declared heating cap)			kW	2.15		
		COPd (declared COP)				4.42	4.43	
		Power input			kW	0.49		
	B Condition (2°C)	Pdh (declared heating cap)			kW	2.15		
		COPd (declared COP)				4.42	4.43	
		Power input			kW	0.49		
	C Condition (7°C)	Pdh (declared heating cap)			kW	1.71		
		COPd (declared COP)				6.43	6.32	
				Power input			kW	0.27
D Condition (12°C)	Pdh (declared heating cap)			kW	1.52			
	COPd (declared COP)				7.35	7.25		
			Power input			kW	0.21	
Power consumption in other than active mode	Crankcase heater mode	PCK			W	0		
	Off mode	POFF			W	1		
	Standby mode	Cooling	PSB	W	1			
		Heating	PSB	W	1			
Thermo-stat-off mode	PTO	Cooling	W	12				
		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			
Eurovent	Sound power level outdoor	Cooling	Nom.	dB(A)	62			
		Heating	Nom.	dB(A)	60			
	Piping length	Cooling	Measuring condition	m	5.00			

Electrical specifications					FTXA42BS + RXA42B	FTXA50BS + RXA50B
Power factor	Nominal	Cooling	%		93.40	95.30
		Heating	%		95.50	96.50
Current	Nominal running current (RLA)	Cooling	A (2)		4.89	6.21
	Nominal running current (RLA) - 50Hz	Heating	A		5.96	6.53

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |

See separate drawing for operation range |

See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical specifications				FTXA42BT + RXA42B	FTXA50BT + RXA50B
Outdoor unit				RXA42B2V1B	RXA50B2V1B
Cooling capacity	Min.		kW	1.70	
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,462	
	Nom.		kW	4.20	5.00
	Nom.		Btu/h	14,300	17,100
	Nom.		kcal/h	3,611	4,299
	Max.		kW	5.00	5.30
	Max.		Btu/h	17,100	18,100
	Max.		kcal/h	4,299	4,557
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-	
	Max.		kcal/h	-	
Heating capacity	Min.		kW	1.70	
	Min.		Btu/h	5,800	
	Min.		kcal/h	1,500	
	Nom.		kW	5.40	5.80
	Nom.		Btu/h	18,400	19,800
	Nom.		kcal/h	4,643	4,987
	Max.		kW	6.00	6.50
	Max.		Btu/h	20,500	22,200
	Max.		kcal/h	5,159	5,589
Power input	Cooling	Nom.	kW	1.05	1.36
	Heating	Nom.	kW	1.31	1.45
Nominal efficiency	EER			3.99	3.68
	COP			4.12	4.00
	Annual energy consumption		kWh	526	679
	Energy labeling	Cooling		A	
Space cooling	Energy efficiency class			A++	
	Capacity	Pdesign	kW	4.20	5.00
	SEER			7.50	7.33
	Annual energy consumption		kWh/a	196	239
Space heating (Average climate)	Capacity	Pdesign	kW	3.80	4.00
	Energy efficiency class			A++	
	SCOP/A			4.60	
	SCOPnet/A			4.65	4.62
Space heating (Average climate)	Pdh Heating capacity at -10°		kW	3.56	3.76
	Annual energy consumption		kWh/a	1,150	1,217
	Required back up heating cap at design conditions		kW	0.24	
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.15	
	Energy efficiency class			A+++	
	SCOP			5.93	5.84
	SCOPnet			6.05	5.96
	Annual energy consumption		kWh/a	508	515
	Required back up heating cap at design conditions		kW	0.00	
Space cooling	A Condition	Pdc	kW	4.20	5.00
	(35°C - 27/19)	EERd		3.99	3.68
		Power input	kW	1.05	1.36
	B Condition	Pdc	kW	3.09	3.68
	(30°C - 27/19)	EERd		5.58	5.29
		Power input	kW	0.55	0.70
	C Condition	Pdc	kW	1.99	2.37
	(25°C - 27/19)	EERd		9.35	9.24
		Power input	kW	0.21	0.26
	D Condition	Pdc	kW	1.86	1.87
	(20°C - 27/19)	EERd		12.08	12.03
		Power input	kW	0.15	0.16

2 Specifications

2 - 1 Specifications

Technical specifications					FTXA42BT + RXA42B	FTXA50BT + RXA50B	
Space heating (Average climate)	TOL	Tol (temperature operating limit)			°C	-15	
		Pdh (declared heating cap)			kW	3.90	4.12
		COPd (declared COP)				2.04	2.16
		Power input			kW	1.91	
	TBivalent	Tbiv (bivalent temperature)			°C	-7	
		Pdh (declared heating cap)			kW	3.36	3.54
		COPd (declared COP)				3.24	3.16
		Power input			kW	1.04	1.12
	A Condition (-7°C)	Pdh (declared heating cap)			kW	3.36	3.54
		COPd (declared COP)				3.24	3.16
		Power input			kW	1.04	1.12
	B Condition (2°C)	Pdh (declared heating cap)			kW	2.05	2.15
		COPd (declared COP)				4.44	4.43
		Power input			kW	0.46	0.49
	C Condition (7°C)	Pdh (declared heating cap)			kW	1.65	1.71
		COPd (declared COP)				6.33	6.32
Space heating (Average climate)	C Condition (7°C)	Power input			kW	0.26	0.27
	D Condition (12°C)	Pdh (declared heating cap)			kW	1.52	
		COPd (declared COP)				7.35	7.25
Space heating (Warm climate)	TOL	Tol (temperature operating limit)			°C	-15	
		Pdh (declared heating cap)			kW	3.90	4.12
		COPd (declared COP)				2.04	2.16
		Power input			kW	1.91	
	TBivalent	Tbiv (bivalent temperature)			°C	2	
		Pdh (declared heating cap)			kW	2.15	
		COPd (declared COP)				4.42	4.43
		Power input			kW	0.49	
	B Condition (2°C)	Pdh (declared heating cap)			kW	2.15	
		COPd (declared COP)				4.42	4.43
		Power input			kW	0.49	
	C Condition (7°C)	Pdh (declared heating cap)			kW	1.71	
		COPd (declared COP)				6.43	6.32
		Power input			kW	0.27	
	D Condition (12°C)	Pdh (declared heating cap)			kW	1.52	
		COPd (declared COP)				7.35	7.25
Power consumption in other than active mode	Crankcase heater mode	PCK			W	0	
	Off mode	POFF			W	1	
	Standby mode	Cooling	PSB	W	1		
		Heating	PSB	W	1		
	Thermo-stat-off mode	PTO	Cooling	W	12		
			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		
Eurovent	Sound power level outdoor	Cooling	Nom.	dB(A)	62		
	Sound power level indoor	Cooling	Nom.	dB(A)	60		
	Piping length	Cooling	Measuring condition	m	5.00		

Electrical specifications					FTXA42BT + RXA42B	FTXA50BT + RXA50B
Power factor	Nominal	Cooling	%		93.40	95.30
		Heating	%		95.50	96.50
Current	Nominal running current (RLA)	Cooling	A (2)		4.89	6.21
	Nominal running current (RLA) - 50Hz	Heating	A		5.96	6.53

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |

See separate drawing for operation range |

See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

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		3.0			
	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.	°CWB	-15		
				°CDB	-15		
Operation range	Heating	Ambient	Max.	°CWB	18		
				°CDB	24		
Sound power level	Cooling	Max	dBA		60	61	
		Night quiet mode	dBA		56		
		Tonal adjustment	dBA		0		
	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	
Tonal adjustment			dBA		0		
Heating		Max.	dBA		59.0	60.0	
		Night quiet mode	dBA		55.0		
		Tonal adjustment	dBA		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		
	Control		Expansion valve				
	GWP		675.0				
Piping connections	Liquid	OD	mm		6.35		
	Gas	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;

2 Specifications

2 - 1 Specifications

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

Technical Specifications					RXA42B	RXA50B
Casing	Colour				Ivory white	
Dimensions	Unit	Height		mm	734	
		Width		mm	870	
		Depth		mm	373	
	Packed unit	Height		mm	820	
		Width		mm	1,050	
		Depth		mm	480	
Weight	Unit			kg	50	
	Packed unit			kg	54	
Packing	Weight			kg	4	
Heat exchanger	Length			mm	920	
	Rows	Quantity			2	
	Fin pitch			mm	1.40	
	Stages	Quantity			32	
	Passes	Quantity			2.0	
	Tube type				ø7 Hi-XD	
	Fin	Type			Waffle fin (PE)	
	Type				Propeller fan	
Fan	Air flow rate	Cooling	Nom.	m ³ /min	45.4	46.6
				cfm	1,602	1,645
	Heating	Nom.		m ³ /min	44.1	
				cfm	1,557	
Fan motor	Model				D55F-31	
	Output			W	55	
	Speed	Cooling	High	rpm	760	
			Nom.	rpm	740	760
			Low	rpm	740	
	Heating	High	rpm		720	
			Nom.	rpm	720	
			Low	rpm	660	
Compressor	Model				2YC40JXD#C	
	Oil Amount			cm ³	650	
	Type				Hermetically sealed swing compressor	
	Output			W	1,300	
	Oil Type				FW68DA	
Operation range	Cooling	Ambient	Min.	°CDB	-10	
Operation range	Cooling	Ambient	Max.	°CDB	46	
			Min.	°CWB	-15	
	Heating	Ambient	Max.	°CWB	18	
Sound power level	Heating	Nom.		dBA	62.0	
Sound pressure level	Cooling	Nom.		dBA	48.0	
	Heating	Nom.		dBA	48.0	
Refrigerant	Type				R-32	
	Charge			kg	1.10	
	GWP				675	
Piping connections	Liquid	OD		mm	6.35	
	Gas	OD		mm	12.7	
	Drain	OD		mm	16	
	Piping	OU - IU	Max.	m	30	
	length					
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)	
	Level	IU - OU	Max.	m	20	
	difference					
Capacity control	Heat insulation				Both liquid and gas pipes	
	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: Drain cap (1);Quantity: 6;

2 Specifications

2 - 1 Specifications

Standard accessories: Drain cap (2);Quantity: 3;

2

Electrical Specifications			RXA42B	RXA50B
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	

See separate drawing for operation range |

See separate drawing for electrical data |

Contains fluorinated greenhouse gases

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.

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RXA-B

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	①	②	③	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXA20A2V1B	FTXA20A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	9,90	10	35	1,9	0,023	0,23	0,035	0,30
		50	230					1,8				
		50	240					1,7				
RXA25A2V1B	FTXA25A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	11,00	13	44	2,2	0,023	0,23	0,038	0,40
		50	230					2,1				
		50	240					2,1				
RXA35A2V1B	FTXA35A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	11,00	13	59	3,3	0,023	0,23	0,041	0,40
		50	230					3,1				
		50	240					3,0				
RXA42A2V1B	FTXA42A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	12,80	13	48	4,3	0,068	0,34	0,052	0,50
		50	230					4,2				
		50	240					4,0				
RXA50A2V1B	FTXA50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	12,90	13	52	4,7	0,068	0,34	0,056	0,50
		50	230					4,5				
		50	240					4,3				
RXA42B2V1B	FTXA42A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	12,84	13	45	4,1	0,056	0,37	0,052	0,50
		50	230					3,9				
		50	240					3,6				
RXA50B2V1B	FTXA50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	12,84	13	59	5,4	0,056	0,37	0,056	0,50
		50	230					5,2				
		50	240					5,1				
RXA20A3V1B	FTXA20A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	9,90	10	35	1,9	0,023	0,23	0,035	0,30
		50	230					1,8				
		50	240					1,7				
RXA25A3V1B	FTXA25A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	11,00	13	44	2,2	0,023	0,23	0,038	0,40
		50	230					2,1				
		50	240					2,1				
RXA35A3V1B	FTXA35A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	11,00	13	59	3,3	0,023	0,23	0,041	0,40
		50	230					3,1				
		50	240					3,0				

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.

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]

3D114707C

4 Capacity tables

4 - 1 Cooling/Heating Capacity Tables

4

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.

4D133679**FTXA25A / RXA25A9****Cooling**

-50· Hz

-220 - 240· V

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.

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Capacity tables

4 - 1 Cooling/Heating Capacity Tables

FTXA35A / RXA35A9

Cooling :50Hz 220~240V-

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 :50Hz 220~240V-

AFR	11.5
-----	------

Indoor temperature		Outdoor temperature [°C WB]											
EDB		-15		-10		-5		0		6		10	
°C	°C	TC	PI	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	4.50	1.00	
20	1.79	0.66	2.17	0.75	2.56	0.75	2.94	0.94	4.00	0.99	4.36	1.02	
22	1.74	0.66	2.12	0.76	2.51	0.76	2.89	0.95	3.94	1.00	4.31	1.03	
24	1.69	0.67	2.08	0.77	2.46	0.77	2.85	0.96	3.89	1.01	4.25	1.04	
25	1.67	0.67	2.05	0.77	2.44	0.77	2.82	0.96	3.86	1.01	4.22	1.04	
27	1.62	0.68	2.01	0.78	2.39	0.78	2.77	0.97	3.81	1.02	4.17	1.05	

Heating capacity at nominal operating frequency, measured according to -EN 14511-

Indoor temperature		Outdoor temperature [° C WB]													
EDB		-15		-10		-5		0		6		10		20	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20		2.72	1.19	3.31	1.31	3.24	1.42	3.72	1.53	5.2	1.67	5.6	1.71	4.95	1.22

Heating capacity at maximum operating frequency, measured according to EN 14511

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.
- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).

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FTXA42AW / RXA42B

FTXA42B(S_B_T) / RXA42B

Cooling :50Hz 220~240V-

AFR	13.1
BF	0.225

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	4.17	3.25	0.79	4.11	3.23	0.88	3.91	3.18	0.96	3.83	3.17	0.99	3.72	3.15	1.04	3.52	3.14	1.12
16	22	4.50	3.13	0.81	4.30	3.06	0.89	4.11	3.01	0.97	4.03	2.99	1.00	3.91	2.96	1.05	3.71	2.93	1.12
18	25	4.69	3.30	0.82	4.49	3.26	0.89	4.30	3.23	0.97	4.22	3.22	1.00	4.10	3.21	1.05	3.91	3.21	1.13
19	27	4.79	3.59	0.82	4.59	3.58	0.90	4.40	3.59	0.97	4.32	3.60	1.01	4.20	3.62	1.05	4.00	3.69	1.13
22	30	5.06	3.24	0.83	4.88	3.21	0.90	4.69	3.19	0.98	4.61	3.18	1.01	4.49	3.18	1.06	4.29	3.20	1.14
24	32	5.27	3.02	0.83	5.07	2.99	0.91	4.88	2.96	0.99	4.80	2.95	1.02	4.68	2.94	1.06	4.49	2.93	1.14

Heating :50Hz 220~240V-

AFR	14.6
-----	------

Indoor temperature		Outdoor temperature [°C WB]											
EDB		-15		-10		-5		0		6		10	
°C	°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2.57	0.84	3.09	0.97	3.61	0.97	4.13	1.22	5.59	1.28	6.07	1.32	
20	2.41	0.87	2.93	1.00	3.45	1.00	3.97	1.25	5.40	1.31	5.89	1.35	
22	2.35	0.88	2.87	1.01	3.39	1.01	3.90	1.26	5.33	1.32	5.81	1.37	
24	2.29	0.89	2.80	1.02	3.32	1.02	3.84	1.27	5.25	1.33	5.74	1.38	
25	2.25	0.89	2.77	1.02	3.29	1.02	3.81	1.28	5.21	1.34	5.70	1.38	
27	2.19	0.90	2.71	1.03	3.23	1.03	3.75	1.29	5.14	1.35	5.63	1.40	

Heating capacity at nominal operating frequency, measured according to -EN 14511-

Indoor temperature		Outdoor temperature [° C WB]													
EDB		-15		-10		-5		0		6		10		20	
°C		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20		3.47	1.20	4.07	1.27	3.88	1.34	4.37	1.41	6.00	1.49	6.48	1.55	7.21	1.74

Heating capacity at maximum operating frequency, measured according to EN 14511

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.
- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).

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]

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4 Capacity tables

4 - 2 Cooling/Heating Capacity Tables

FTXA50C(W_S_B) / RXA50B
FTXA50AW / RXA50B
FTXA50B(S_B_T) / RXA50B

Cooling ·50Hz 220–240V·

AFR	13.5
BF	0.170

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	4.60	3.75	0.97	4.60	3.75	1.10	4.60	3.75	1.23	4.56	3.74	1.28	4.42	3.72	1.34	4.19	3.70	1.44
16	22	5.35	3.71	1.05	5.12	3.63	1.15	4.89	3.56	1.25	4.79	3.53	1.29	4.65	3.50	1.35	4.42	3.46	1.45
18	25	5.58	3.90	1.05	5.35	3.85	1.15	5.12	3.81	1.26	5.02	3.80	1.30	4.88	3.78	1.36	4.65	3.78	1.46
19	27	5.70	4.24	1.06	5.47	4.22	1.16	5.23	4.22	1.26	5.14	4.23	1.30	5.00	4.25	1.36	4.77	4.32	1.46
22	30	6.04	3.83	1.07	5.81	3.79	1.17	5.58	3.76	1.27	5.49	3.75	1.31	5.35	3.75	1.37	5.11	3.76	1.47
24	32	6.27	3.58	1.07	6.04	3.53	1.17	5.81	3.49	1.27	5.72	3.48	1.31	5.58	3.47	1.37	5.34	3.46	1.47

Heating ·50Hz 220–240V·

AFR	15.1
-----	------

Indoor temperature		Outdoor temperature [°C WB]											
EDB	°C	-15		-10		-5		0		6		10	
°C	°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2.76	0.93	3.32	1.08	3.88	1.08	4.43	1.35	6.00	1.42	6.52	1.47	
20	2.59	0.96	3.15	1.10	3.71	1.10	4.26	1.38	5.80	1.45	6.32	1.50	
22	2.52	0.97	3.08	1.11	3.64	1.11	4.19	1.39	5.72	1.46	6.24	1.51	
24	2.46	0.98	3.01	1.12	3.57	1.12	4.13	1.40	5.64	1.48	6.16	1.52	
25	2.42	0.99	2.98	1.13	3.54	1.13	4.09	1.41	5.60	1.48	6.12	1.53	
27	2.35	1.00	2.91	1.14	3.47	1.14	4.02	1.42	5.52	1.50	6.04	1.54	

Heating capacity at nominal operating frequency, measured according to -EN 14511-.

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.
- 4) The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- 5) The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).

Symbols

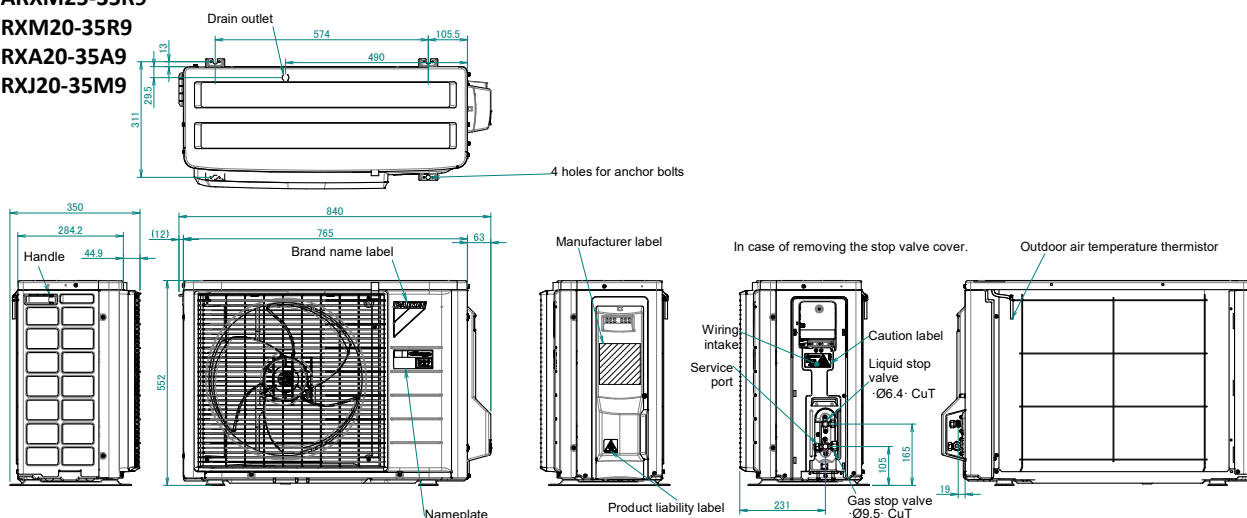
- AFR: Air flow rate [m³/min]
BF: Bypass factor
EWB: Entering wet-bulb temperature (°C WB)
EDB: Entering dry-bulb temperature (°C DB)
TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
PI: Power input [kW]

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5 Dimensional drawings

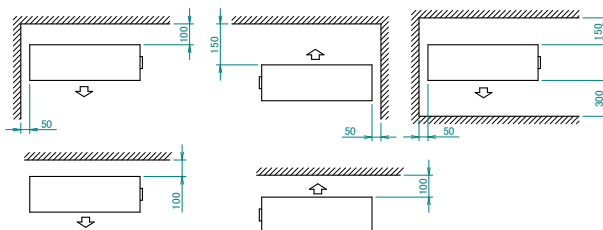
5 - 1 Dimensional Drawings

ARXM25-35R9

RXM20-35R9**RXA20-35A9****RXJ20-35M9**

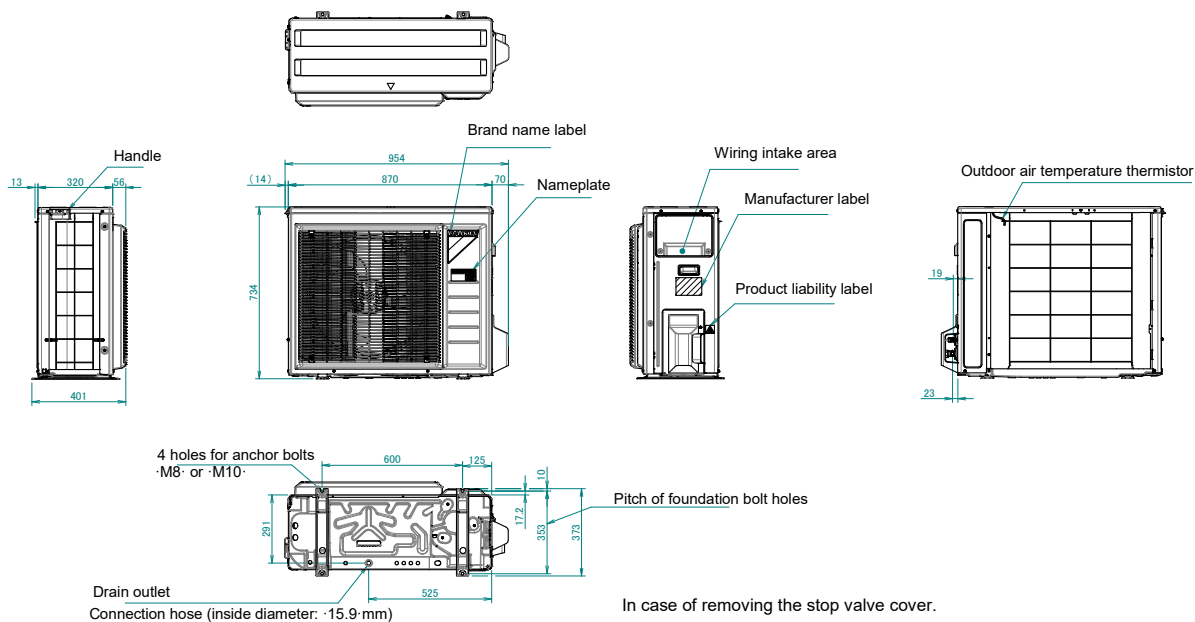
Minimum space for air passage

Wall height on air outlet side < 1200 mm



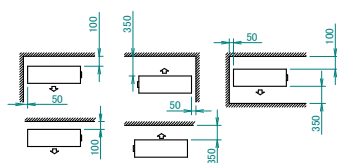
3D119881A

RXA-B

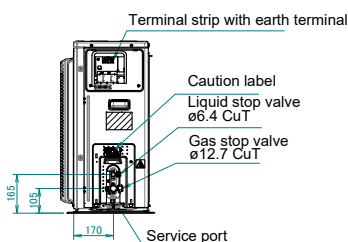


Minimum space for air passage

Wall height on air outlet side < 1200 mm



In case of removing the stop valve cover.



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6 Centre of gravity

6 - 1 Centre of Gravity

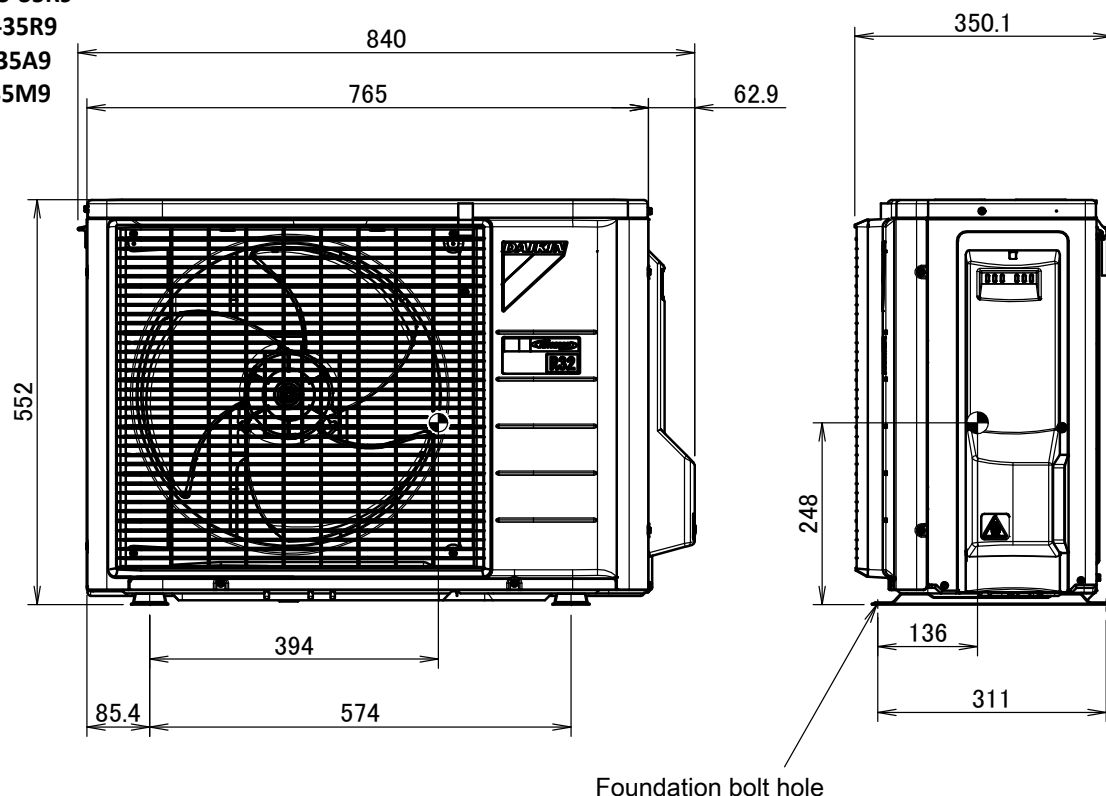
6

ARXM25-35R9

RXM20-35R9

RXA20-35A9

RXJ20-35M9

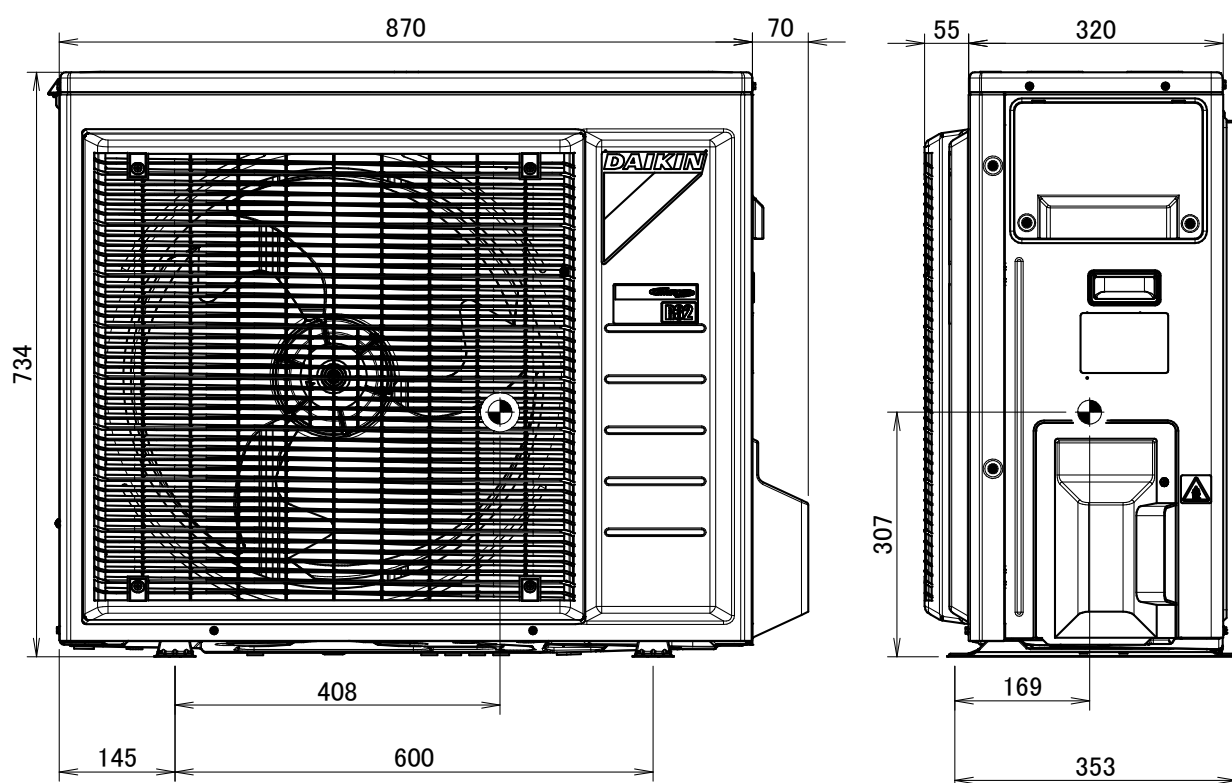


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6 Centre of gravity

6 - 1 Centre of Gravity

RXA-B

**4D117299**

7 Piping diagrams

7 - 1 Piping Diagrams

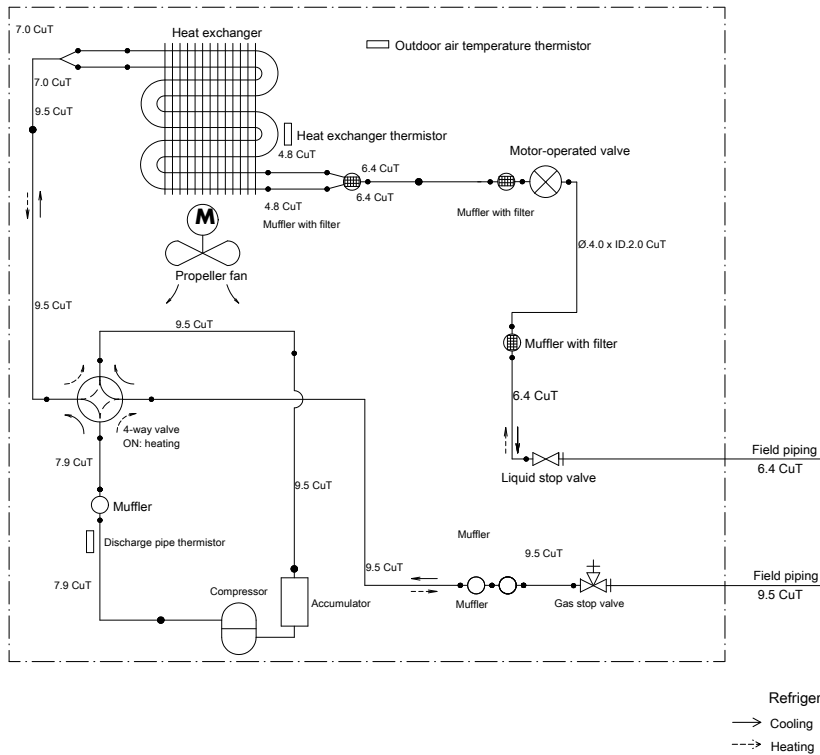
ARXM25-35R9

RXM20-35R9

RXA20-35A9

RXJ20-35M9

Outdoor unit

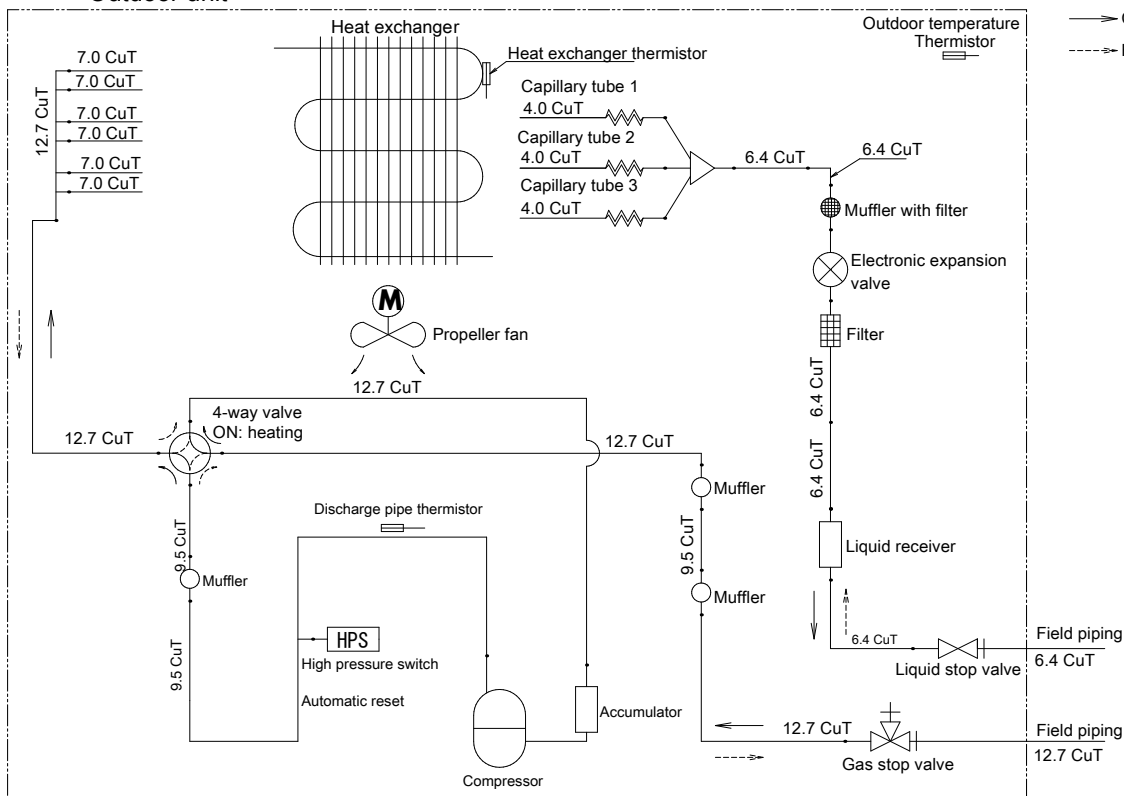


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RXA-B

Outdoor unit

Refrigerant flow

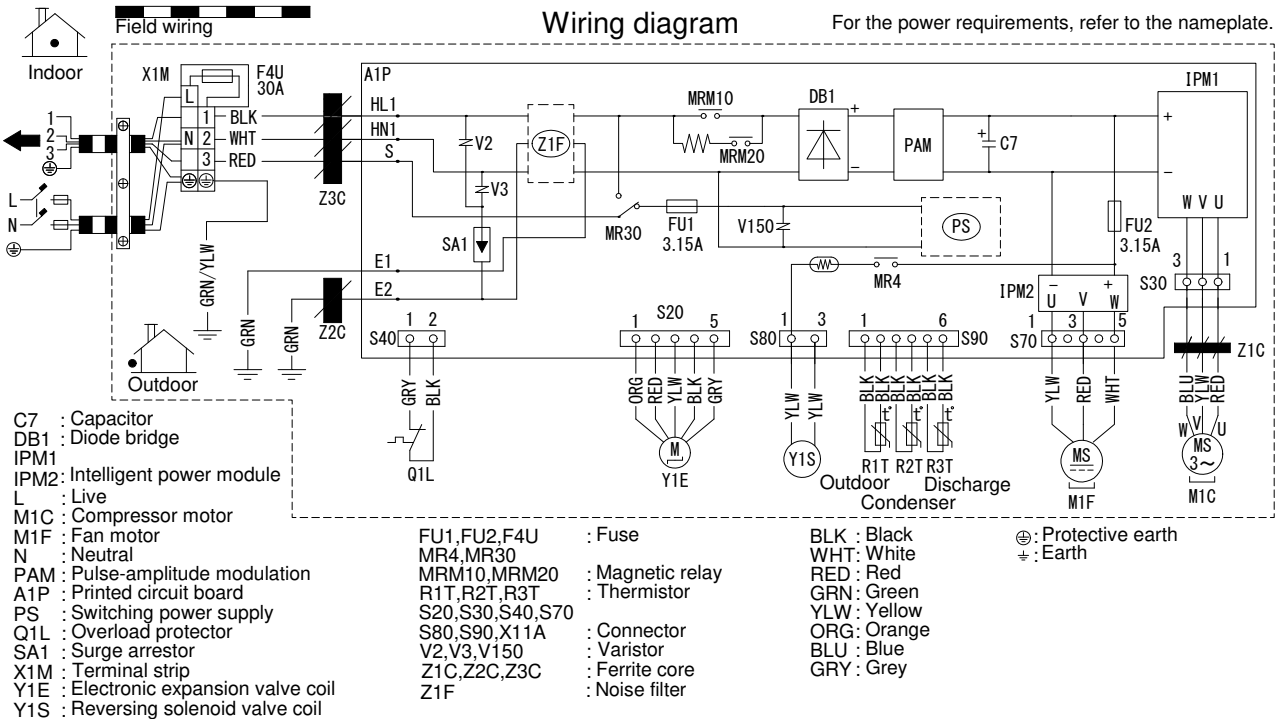


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8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

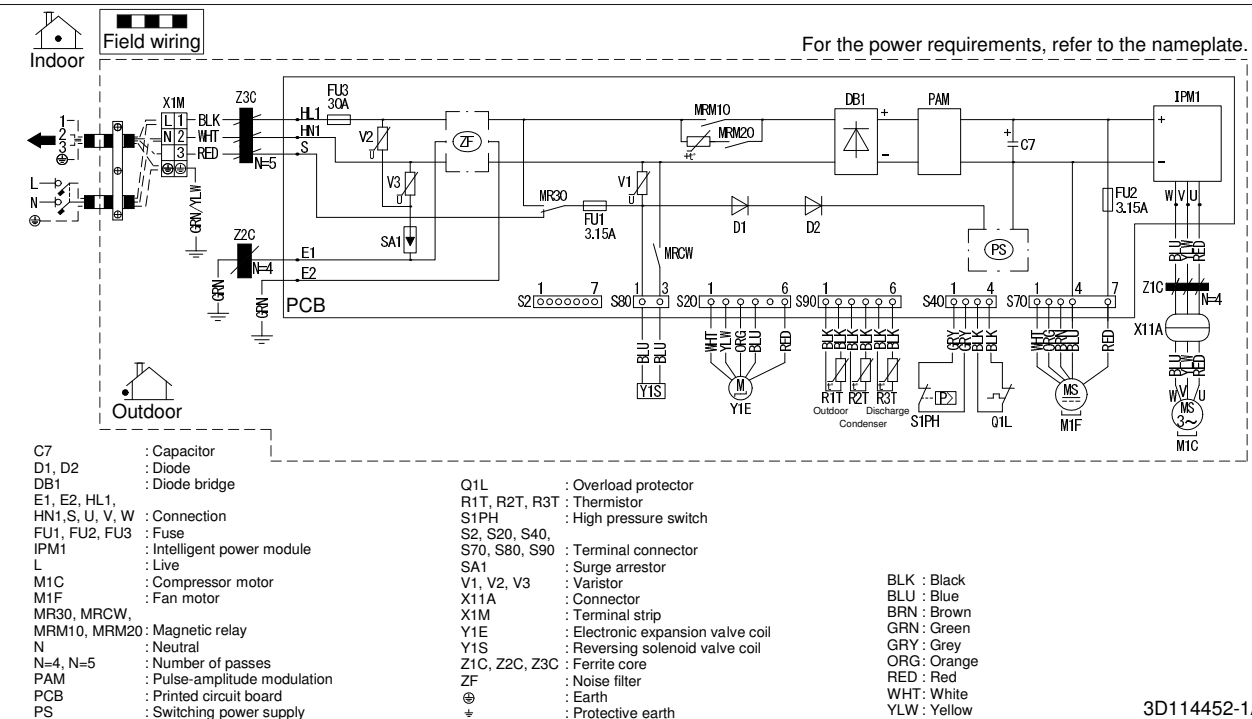
RXA20-35A9
RXJ20-35M9



4D122750

RXA-B

Wiring diagram



3D114452-1A

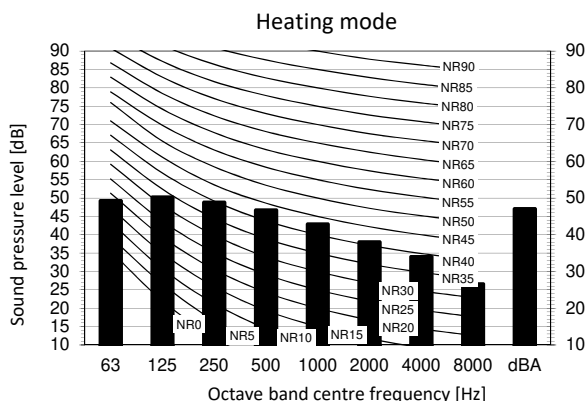
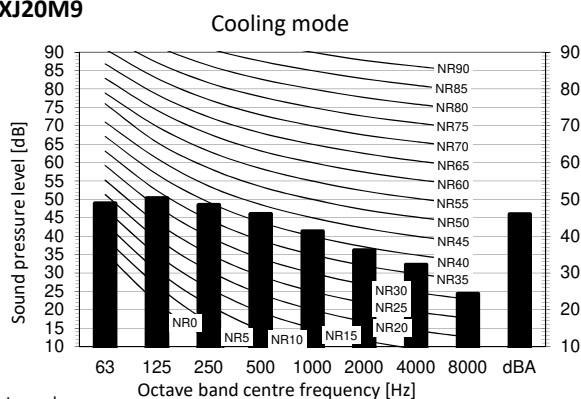
3D114452A

9 Sound data

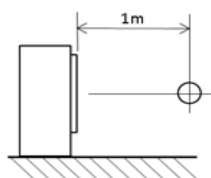
9 - 1 Sound Pressure Spectrum

9

RXM20R9
RXA20A9
RXJ20M9



Location of microphone



Cooling Total dB

A	B
dBA	46

Heating Total dB

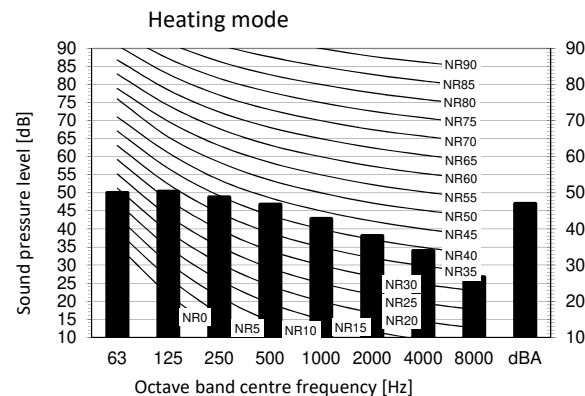
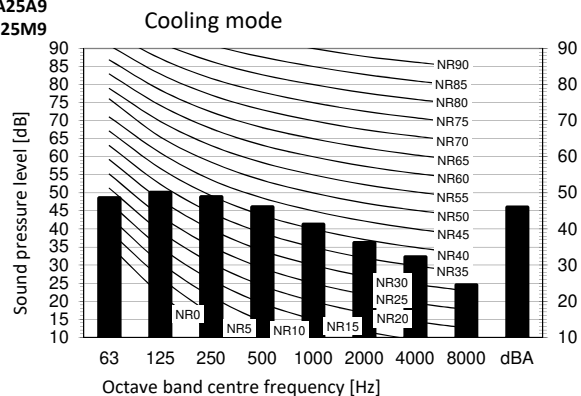
A	B
dBA	47

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

3D110121A

ARXM25R9
RXM25R9
RXA25A9
RXJ25M9

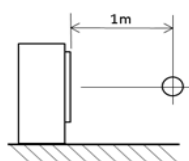


Legend

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

- A Scale
- B Fan speed: High

Location of microphone



Cooling Total dB

A	B
dBA	46

Heating Total dB

A	B
dBA	47

Notes

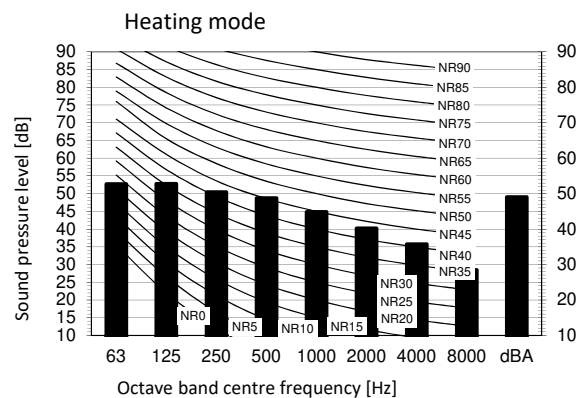
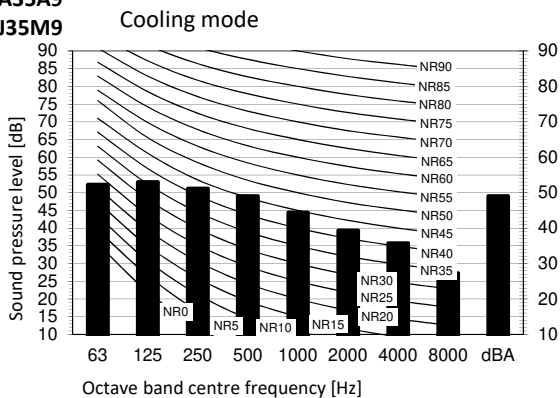
- 1 Background noise already taken into account.
- 2 Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- 3 Operating noise varies depending on operation and ambient conditions.
- 4 The operation noise measuring method is in accordance with JISC9612.
- 5 Measuring location: anechoic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

3D110122A

9 Sound data

9 - 1 Sound Pressure Spectrum

ARXM35R9
RXM35R9
RXA35A9
RXJ35M9



Legend

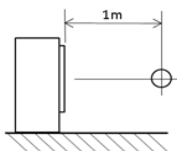
dBA = A-weighted sound pressure level (A scale according to IEC).

- 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

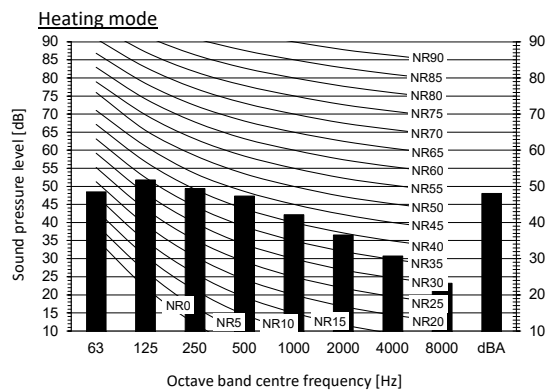
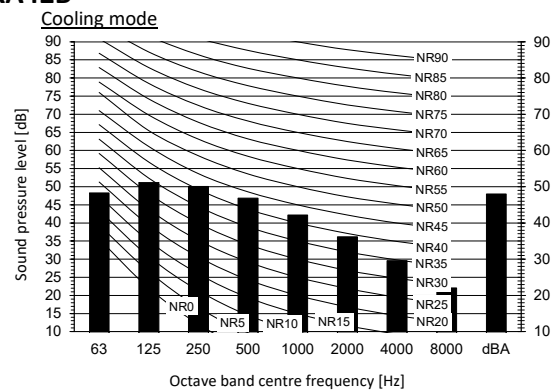
Heating

Total dB

A	B
dBA	49

3D110123A

RXA42B



Cooling

Total dB

A	B
dBA	48

Heating

Total dB

A	B
dBA	48

Legend

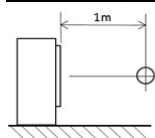
dBA = A-weighted sound pressure level (A scale according to IEC).

- A Scale
B Fan speed: High

Notes

1. Operating conditions: power source 220-240 V · 50 Hz; JIS standard
2. Background noise already taken into account.
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



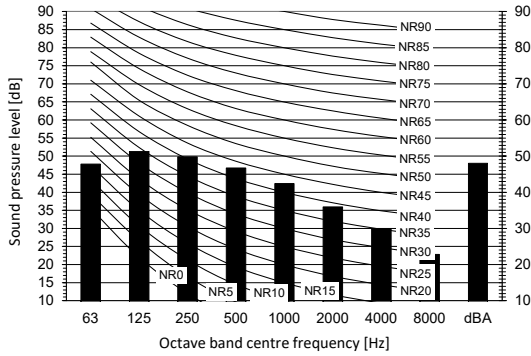
3D117532A

9 Sound data

9 - 1 Sound Pressure Spectrum

RXA50B

Cooling mode



Cooling
Total dB

A	B
dBA	48

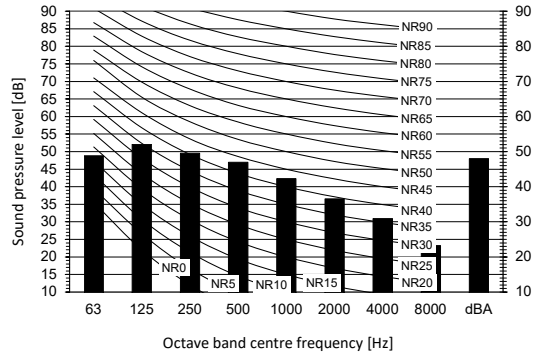
Legend

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

A Scale

B  Fan speed: High

Heating mode



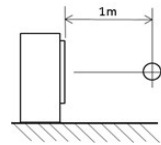
Heating
Total dB

A	B
dBA	48

Notes

1. Operating conditions: power source -220-240-V ·50-Hz; JIS standard
2. Background noise already taken into account.
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



3D117533A

10 Installation

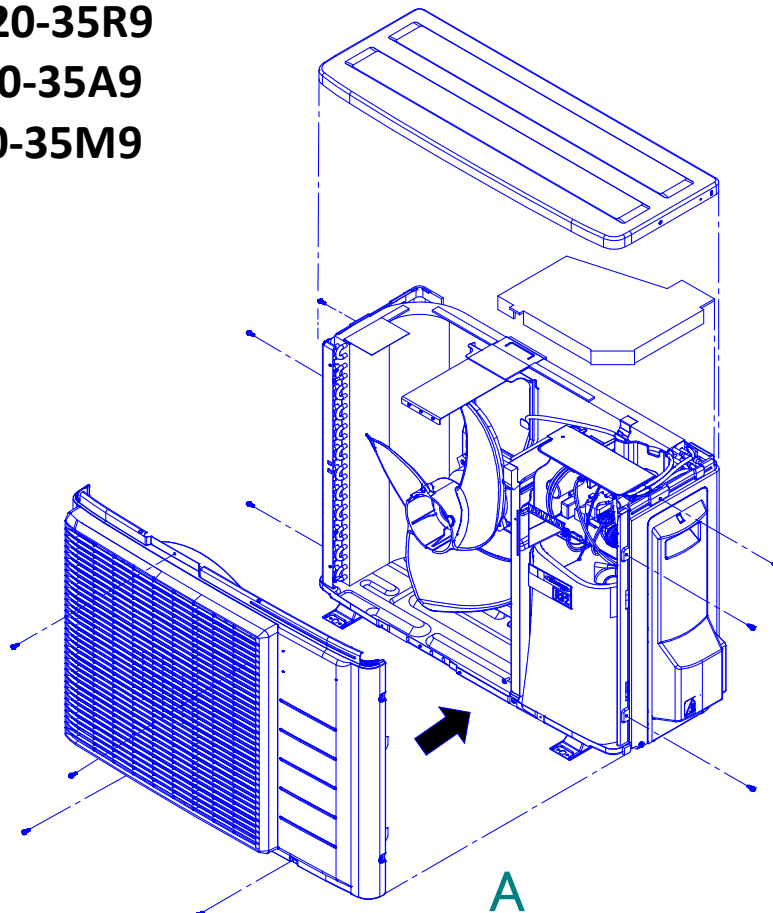
10 - 1 Installation Method

ARXM25-35R9

RXM20-35R9

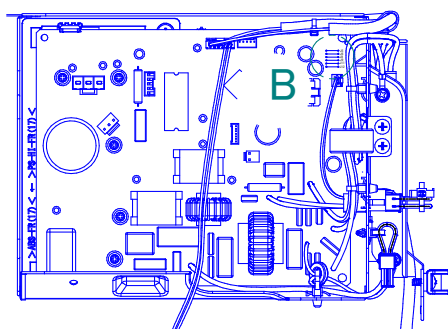
RXA20-35A9

RXJ20-35M9

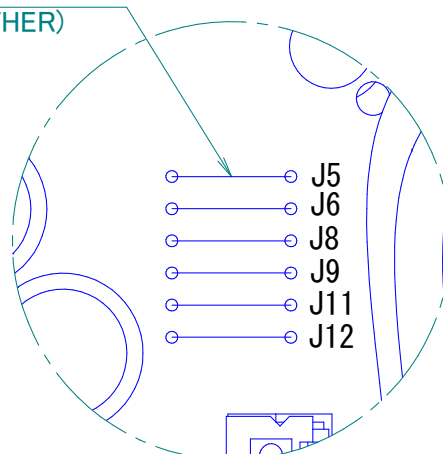


A
DISASSEMBLY OF UNIT

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

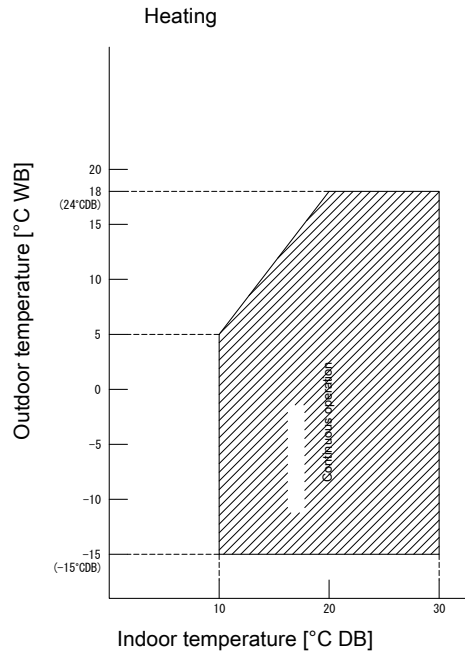
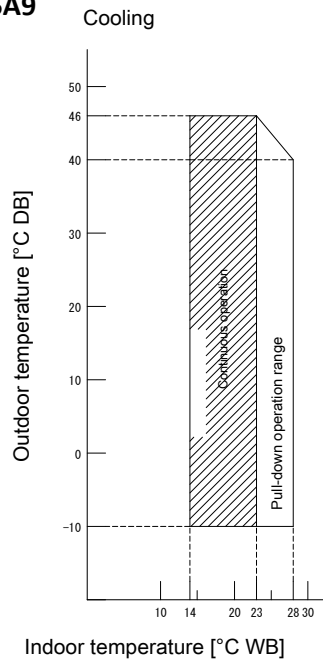
4D133752

11 Operation range

11 - 1 Operation Range

11

RXJ20-35M9
RXA20-35A9

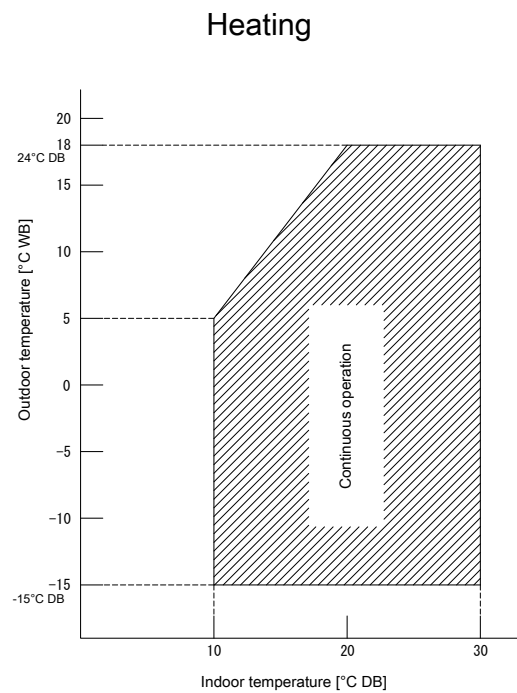
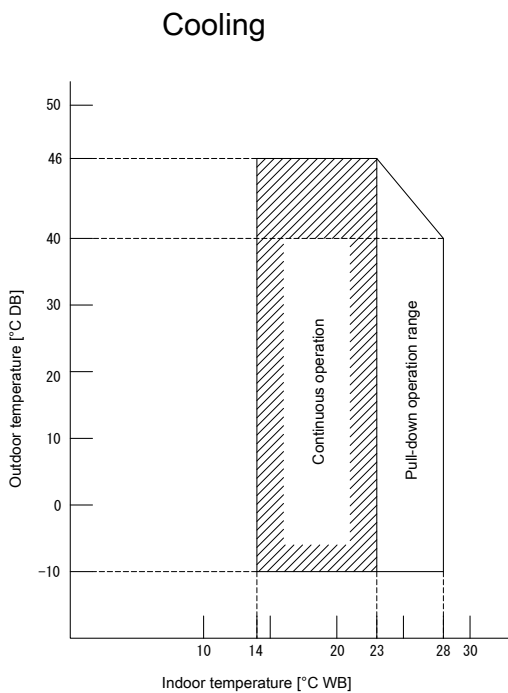


Notes

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

3D092127E

RXA-B

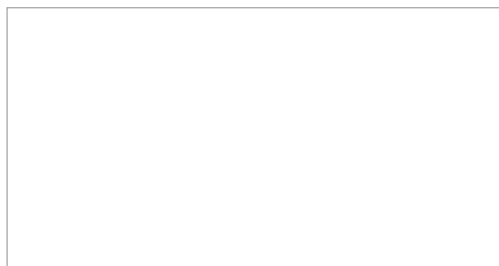


Notes

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

3D100846E

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



EEDEN23



04/2023



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