

1 Features

1 - 1 RXJ-A

- › New design outlook for outdoor unit
- › 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
- › Seasonal efficiency values up to A+++ in cooling and heating



Swing
compressor



Guaranteed
operation
down to -20°C



Inverter



Outdoor
unit silent
operation

2 Specifications

1 - 1 RXJ-A

Technical specifications				FTXJ20AS + RXJ20A	FTXJ25AS + RXJ25A	FTXJ35AS + RXJ35A	FTXJ42AS + RXJ42A	FTXJ50AS + RXJ50A
Indoor unit				FTXJ20A2V1BS	FTXJ25A2V1BS	FTXJ35A2V1BS	FTXJ42A2V1BS	FTXJ50A2V1BS
Outdoor unit				RXJ20A5V1B	RXJ25A5V1B	RXJ35A5V1B	RXJ42A2V1B	RXJ50A2V1B
Cooling capacity	Min.		kW	1.30		1.40	1.70	
	Min.		Btu/h	4,400		4,800	5,800	
	Min.		kcal/h	1,118		1,204	1,462	
	Nom.		kW	2.00	2.50	3.40	4.20	5.00
	Nom.		Btu/h	6,800	8,500	11,600	14,300	17,100
	Nom.		kcal/h	1,720	2,150	2,923	3,611	4,299
	Max.		kW	2.60	3.20	4.00	5.00	5.30
	Max.		Btu/h	8,900	10,900	13,600	17,100	18,100
	Max.		kcal/h	2,236	2,752	3,439	4,299	4,557
	Max.		kcal/h	2,236	2,752	3,097	4,213	4,299
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30		1.40	1.70	
	Min.		Btu/h	4,400		4,800	5,800	
	Min.		kcal/h	1,118		1,204	1,462	
	Nom.		kW	2.00	2.50	3.40	4.20	5.00
	Nom.		Btu/h	6,800	8,500	11,600	14,300	17,100
	Nom.		kcal/h	1,720	2,150	2,923	3,611	4,299
	Max.		kW	2.60	3.20	3.60	4.90	5.00
	Max.		Btu/h	8,900	10,900	12,283	16,720	17,060
	Max.		kcal/h	2,236	2,752	3,097	4,213	4,299
	Max.		kcal/h	2,236	2,752	3,097	4,213	4,299
Heating capacity	Min.		kW	1.30		1.40	1.70	
	Min.		Btu/h	4,400		4,800	5,800	
	Min.		kcal/h	1,118		1,204	1,500	
	Nom.		kW	2.50	2.80	4.00	5.40	5.80
	Nom.		Btu/h	8,500	9,600	13,600	18,400	19,800
	Nom.		kcal/h	2,150	2,408	3,439	4,643	4,987
	Max.		kW	3.50	4.70	5.20	6.00	6.50
	Max.		Btu/h	11,900	16,000	17,700	20,500	22,200
	Max.		kcal/h	3,009	4,041	4,471	5,159	5,589
	Max.		kcal/h	3,009	4,041	4,471	4,900	4,987
Heating capacity - Low sound mode (Stb. 2020, 189)	Min.		kW	1.30 / 1,118		1.40 / 1,204	1.70 / 1,500	
	Min.		Btu/h	4,400		4,800	5,800	
	Nom.		kW	2.50	2.80	4.00	5.40	5.80
	Nom.		Btu/h	8,500	9,600	13,600	18,400	19,800
	Nom.		kcal/h	2,150	2,408	3,439	4,643	4,987
	Max.		kW	3.50	4.70	5.20	5.70	5.80
Heating capacity - Low sound mode (Stb. 2020, 189)	Max.		Btu/h	11,900	16,000	17,700	19,450	19,790
	Max.		kcal/h	3,009	4,041	4,471	4,900	4,987
Power input	Cooling	Nom.	kW	0.43	0.56	0.78	1.05	1.36
	Heating	Nom.	kW	0.50	0.56	0.99	1.31	1.45
Power input - Low sound mode (Stb. 2020, 189)	Cooling	Nom.	kW	0.43	0.56	0.78	1.05	1.36
	Heating	Nom.	kW	0.50	0.56	0.99	1.34	1.49
Nominal efficiency	EER			4.70	4.46	4.37	3.99	3.68
	COP			5.00		4.04	4.12	4.00
	Annual energy consumption		kWh	213	280	389	526	679
	Energy labeling	Cooling Heating				A	A	
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER			4.70	4.46	4.37	3.99	3.68
	COP			5.00		4.04	4.02	3.90
	Annual energy consumption		kWh	213	280	389	526	679
	Energy efficiency class			A+++		A++		
Space cooling	Capacity	Pdesign	kW	2.00	2.50	3.40	4.20	5.00
	SEER			8.75	8.74	8.73	7.50	7.33
	Annual energy consumption		kWh/a	80	100	136	196	239
	Capacity	Pdesign	kW	2.00	2.50	3.40	4.20	5.00
Space cooling - Low sound mode (Stb. 2020, 189)	SEER			8.75	8.74	8.73	7.50	7.33
	Annual energy consumption		kWh/a	80	100	136	196	239
	Capacity	Pdesign	kW	2.40	2.45	2.50	3.80	4.00
	Energy efficiency class			A+++		A++		
Space heating (Average climate)	SCOP/A			5.15		4.60		
	SCOPnet/A			5.21		4.64		
	Pdh Heating capacity at -10°		kW	2.02	2.07	2.11	3.26	3.44
	Annual energy consumption		kWh/a	652	666	680	1,156	1,218
	Required back up heating cap at design conditions		kW	0.38		0.39	0.54	0.56
	Capacity	Pdesign	kW	2.40	2.45	2.50	3.80	4.00
	Energy efficiency class			A+++		A++		

2 Specifications

1 - 1 RXJ-A

Technical specifications			FTXJ20AS + RXJ20A	FTXJ25AS + RXJ25A	FTXJ35AS + RXJ35A	FTXJ42AS + RXJ42A	FTXJ50AS + RXJ50A		
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	Capacity Pdesign	kW	2.40	2.45	2.50	3.80	4.00		
	SCOP/A		5.15			4.60			
	SCOPnet/A		5.21			4.64	4.63		
	Pdh Heating capacity at -10°	kW	2.02	2.07	2.11	3.26	3.44		
	Annual energy consumption	kWh/a	652	666	680	1,156	1,218		
	Required back up heating cap at design conditions	kW	0.38			0.54	0.56		
Space heating (Warm climate)	Capacity Pdesignh	kW	1.30	1.32	1.35	2.05	2.16		
	Energy efficiency class		A+++						
	SCOP		6.26	6.27	6.20	5.78	5.77		
	SCOPnet		6.47	6.48	6.40	5.90	5.88		
Space heating (Warm climate)	Annual energy consumption	kWh/a	291	295	305	496	524		
	Required back up heating cap at design conditions	kW	0.00						
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Capacity Pdesign	kW	1.30	1.32	1.35	2.05	2.16		
	SCOP		6.26	6.27	6.20	5.78	5.77		
	SCOPnet		6.47	6.48	6.40	5.90	5.88		
	Annual energy consumption	kWh/a	291	295	305	496	524		
	Required back up heating cap at design conditions	kW	0.00						
Space cooling	A Condi- Pdc	kW	2.00	2.50	3.40	4.20	5.00		
	tion (35°C EERd		4.70	4.46	4.37	3.99	3.68		
	- 27/19) Power input	kW	0.43	0.56	0.78	1.05	1.36		
	B Condi- Pdc	kW	1.48	1.85	2.51	3.10	3.69		
	tion (30°C EERd		6.96	6.59	6.27	5.59	5.29		
	- 27/19) Power input	kW	0.21	0.28	0.40	0.55	0.70		
	C Condi- Pdc	kW	1.21	1.22	1.62	1.99	2.37		
	tion (25°C EERd		11.41	10.97	10.44	9.35	9.24		
	- 27/19) Power input	kW	0.11			0.16	0.21		
	D Condi- Pdc	kW	1.18	1.19	1.29	1.89			
	tion (20°C EERd		15.11	15.09	16.64	12.08	12.03		
	- 27/19) Power input	kW	0.08			0.16			
	Space cooling - Low sound mode (Stb. 2020, 189)	A Condi- Pdc	kW	2.00	2.50	3.40	4.20	5.00	
		tion (35°C EERd		4.70	4.46	4.37	3.99	3.68	
		- 27/19) Power input	kW	0.43	0.56	0.78	1.05	1.36	
B Condi- Pdc		kW	1.48	1.85	2.51	3.10	3.69		
tion (30°C EERd			6.96	6.59	6.27	5.59	5.29		
- 27/19) Power input		kW	0.21	0.28	0.40	0.55	0.70		
C Condi- Pdc		kW	1.21	1.22	1.62	1.99	2.37		
tion (25°C EERd			11.41	10.97	10.44	9.35	9.24		
- 27/19) Power input		kW	0.11			0.16	0.21		
D Condi- Pdc		kW	1.18	1.19	1.29	1.89			
tion (20°C EERd			15.11	15.09	16.64	12.08	12.03		
- 27/19) Power input		kW	0.08			0.16			
Space heating (Average climate)		TOL	Tol (temperature operating limit)	-10					
			Pdh (declared heating cap)	kW	2.02	2.07	2.11	3.26	3.44
			COPd (declared COP)		3.01	3.04	2.81	2.79	2.78
		Power input	kW	0.67	0.68	0.75	1.17	1.24	
	TBivalent	Tbiv (bivalent temperature)	°C	-7					
Space heating (Average climate)		Pdh (declared heating cap)	kW	2.13	2.17	2.22	3.37	3.54	
	TBivalent	COPd (declared COP)		3.49	3.48	3.54	3.24	3.16	
		Power input	kW	0.61	0.62	0.63	1.04	1.12	
	A Con- Pdh (declared heating cap)	kW	2.13	2.17	2.22	3.37	3.54		
	dition (-7°C) COPd (declared COP)		3.49	3.48	3.54	3.24	3.16		
		Power input	kW	0.61	0.62	0.63	1.04	1.12	
	B Condi- Pdh (declared heating cap)	kW	1.30	1.32	1.35	2.05	2.16		
	tion (2°C) COPd (declared COP)		5.18	5.17	5.19	4.50	4.52		
		Power input	kW	0.25	0.26			0.46	0.48
	C Condi- Pdh (declared heating cap)	kW	0.91	0.93	0.95	1.71	1.73		
	tion (7°C) COPd (declared COP)		6.45	6.48	6.42	6.14	6.13		
		Power input	kW	0.14			0.28		
	D Con- Pdh (declared heating cap)	kW	1.12	1.13	1.15	1.52	1.56		
	dition (12°C) COPd (declared COP)		8.04	8.03	7.89	7.35	7.25		
		Power input	kW	0.14			0.15	0.21	0.22