

FTXJ-AS / FTXJ-AW / FTXJ-AB + RXJ-A



Efficiency data		FTXJ + RXJ	20AS + 20A	25AS + 25A	35AS + 35A	42AS + 42A	50AS + 50A
Cooling capacity	Min./Nom./Max.	kW	1.30 / 2.00 / 2.60	1.30 / 2.50 / 3.20	1.40 / 3.40 / 4.00	1.70 / 4.20 / 5.00	1.70 / 5.00 / 5.30
Heating capacity	Min./Nom./Max.	kW	1.30 / 2.50 / 3.50	1.30 / 2.80 / 4.70	1.40 / 4.00 / 5.20	1.70 / 5.40 / 6.00	1.70 / 5.80 / 6.50
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
Space cooling	Energy efficiency class		A+++			A++	
	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
Space heating (Average climate)	Energy efficiency class		A+++			A++	
	Capacity	Pdesign kW	2.40	2.45	2.50	3.80	4.00
	SCOP/A					4.60	
	Annual energy consumption	kWh/a	652	666	680	1,156	1,218

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | See separate drawing for operation range | See separate drawing for electrical data

Efficiency data		FTXJ + RXJ	20AW + 20A	25AW + 25A	35AW + 35A	42AW + 42A	50AW + 50A
Cooling capacity	Min./Nom./Max.	kW	1.30 / 2.00 / 2.60	1.30 / 2.50 / 3.20	1.40 / 3.40 / 4.00	1.70 / 4.20 / 5.00	1.70 / 5.00 / 5.30
Heating capacity	Min./Nom./Max.	kW	1.30 / 2.50 / 3.50	1.30 / 2.80 / 4.70	1.40 / 4.00 / 5.20	1.70 / 5.40 / 6.00	1.70 / 5.80 / 6.50
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
Space cooling	Energy efficiency class		A+++			A++	
	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
Space heating (Average climate)	Energy efficiency class		A+++			A++	
	Capacity	Pdesign kW	2.40	2.45	2.50	3.80	4.00
	SCOP/A					4.60	
	Annual energy consumption	kWh/a	652	666	680	1,156	1,218

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | See separate drawing for operation range | See separate drawing for electrical data

Efficiency data		FTXJ + RXJ	20AB + 20A	25AB + 25A	35AB + 35A	42AB + 42A	50AB + 50A
Cooling capacity	Min./Nom./Max.	kW	1.30 / 2.00 / 2.60	1.30 / 2.50 / 3.20	1.40 / 3.40 / 4.00	1.70 / 4.20 / 5.00	1.70 / 5.00 / 5.30
Heating capacity	Min./Nom./Max.	kW	1.30 / 2.50 / 3.50	1.30 / 2.80 / 4.70	1.40 / 4.00 / 5.20	1.70 / 5.40 / 6.00	1.70 / 5.80 / 6.50
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
Space cooling	Energy efficiency class		A+++			A++	
	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
Space heating (Average climate)	Energy efficiency class		A+++			A++	
	Capacity	Pdesign kW	2.40	2.45	2.50	3.80	4.00
	SCOP/A					4.60	
	Annual energy consumption	kWh/a	652	666	680	1,156	1,218

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | See separate drawing for operation range | See separate drawing for electrical data

Indoor unit		FTXJ		20AS	25AS	35AS	42AS	50AS	
Dimensions	Unit	HeightxWidthxDepth		305 x 900 x 212					
Weight	Unit	kg							
Air filter	Type	Removable / washable							
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/ High	m³/min	4.6 / 6.0 / 8.4 / 11.0	4.6 / 6.0 / 8.6 / 11.4	4.6 / 6.0 / 8.6 / 11.8	4.6 / 7.2 / 9.5 / 13.0	5.2 / 7.6 / 10.4 / 13.5
		Heating	Silent operation/ Low/Medium/ High	m³/min	4.6 / 6.4 / 8.7 / 11.1	4.6 / 6.4 / 9.0 / 11.3	4.6 / 6.4 / 9.0 / 11.7	5.2 / 7.7 / 10.5 / 14.4	5.7 / 8.2 / 11.1 / 15.0
Sound power level	Cooling	dBA			57		60		
Sound pressure level	Cooling	Silent operation/Low/High	dBA		19 / 25 / 39	19 / 25 / 40	19 / 25 / 41	21 / 29 / 45	24 / 31 / 46
	Heating	Silent operation/Low/High	dBA		19 / 25 / 39	19 / 25 / 40	19 / 25 / 41	21 / 29 / 45	24 / 33 / 46
Control systems	Infrared remote control		ARC488A1K						
	Wired remote control		BRC073A1						
Piping connections	Drain	18							

Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m

Indoor unit				FTXJ	20AW	25AW	35AW	42AW	50AW
Dimensions	Unit	HeightxWidthxDepth		mm	305 x900 x212				
Weight	Unit			kg	12				
Air filter	Type	Removable / washable							
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/ High	m ³ /min	4.6 /6.0 /8.4 /11.0	4.6 /6.0 /8.6 /11.4	4.6 /6.0 /8.6 /11.8	4.6 /7.2 /9.5 /13.0	5.2 /7.6 /10.4 /13.5
		Heating	Silent operation/ Low/Medium/ High	m ³ /min	4.6 /6.4 /8.7 /11.1	4.6 /6.4 /9.0 /11.3	4.6 /6.4 /9.0 /11.7	5.2 /7.7 /10.5 /14.4	5.7 /8.2 /11.1 /15.0
Sound power level	Cooling			dB(A)	57			60	
Sound pressure level	Cooling	Silent operation/Low/High		dB(A)	19 /25 /39	19 /25 /40	19 /25 /41	21 /29 /45	24 /31 /46
	Heating	Silent operation/Low/High		dB(A)	19 /25 /39	19 /25 /40	19 /25 /41	21 /29 /45	24 /33 /46
Control systems	Infrared remote control			ARC488A1K					
	Wired remote control			BRC073A1					
Piping connections	Drain			18					

Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m

Indoor unit				FTXJ	20AB	25AB	35AB	42AB	50AB
Dimensions	Unit	HeightxWidthxDepth		mm	305 x900 x212				
Weight	Unit			kg	12				
Air filter	Type	Removable / washable							
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/ High	m ³ /min	4.6 /6.0 /8.4 /11.0	4.6 /6.0 /8.6 /11.4	4.6 /6.0 /8.6 /11.8	4.6 /7.2 /9.5 /13.0	5.2 /7.6 /10.4 /13.5
		Heating	Silent operation/ Low/Medium/ High	m ³ /min	4.6 /6.4 /8.7 /11.1	4.6 /6.4 /9.0 /11.3	4.6 /6.4 /9.0 /11.7	5.2 /7.7 /10.5 /14.4	5.7 /8.2 /11.1 /15.0
Sound power level	Cooling			dB(A)	57			60	
Sound pressure level	Cooling	Silent operation/Low/High		dB(A)	19 /25 /39	19 /25 /40	19 /25 /41	21 /29 /45	24 /31 /46
	Heating	Silent operation/Low/High		dB(A)	19 /25 /39	19 /25 /40	19 /25 /41	21 /29 /45	24 /33 /46
Control systems	Infrared remote control			ARC488A1K					
	Wired remote control			BRC073A1					
Piping connections	Drain			18					

Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m

Outdoor unit				RXJ	20A	25A	35A	42A	50A
Dimensions	Unit	HeightxWidthxDepth		mm	552 x840 x350			734 x954 x408	
Weight	Unit			kg	33			49	
Sound power level	Cooling			dB(A)	59		61	62	
Sound pressure level	Cooling	Low/Nom./High		dB(A)	-46 /-		-49 /-	-48 /-	
	Heating	Low/Nom./High		dB(A)	-47 /-		-49 /-	-48 /-	-49 /-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10 ~50				
	Heating	Ambient	Min.~Max.	°CWB	-20 ~18				
Refrigerant	Type			R-32					
	GWP			675					
	Charge			kg/TCO ₂ Eq	0.76 /0.52			1.10 /0.75	
Piping connections	Liquid	OD		mm	6.35				
	Gas	OD		mm	9.5			12.7	
	Drain	OD		mm	16 (inner diameter of connecting hose)				
	Piping length	OU - IU	Max.	m	20			30	
	Additional refrigerant charge	System	Chargeless	m	10				
	Level difference	IU - OU	Max.	m	15			20	
	Heat insulation			Both liquid and gas pipes					
Capacity control	Method			Variable (inverter)					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50 /220-240				
Current - 50Hz	Maximum fuse amps (MFA)			A	10	13			

See separate drawing for operation range | See separate drawing for electrical data | Contains fluorinated greenhouse gases