

1 Features

1 - 1 FTXJ-AB

Design that speaks for itself

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- › Remarkable blend of iconic design and engineering excellence with an elegant finish in matt black
- › The Coanda effect optimises the airflow for a comfortable climate. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room
- › The intelligent thermal sensor determines the current room temperature and distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it
- › Heat boost quickly heats up your home when starting up your air conditioner. Set temperature is reached 14% faster than a regular air conditioner (pair only)
- › Using electrons to trigger chemical reactions with air borne particles, the Flash Streamer breaks down allergens such as pollen and fungal allergens and removes bothersome odours providing a better, cleaner air
- › Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- › Onecta app: control your indoor from any location with an app, via your local network or internet.
- › Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!



Coanda effect
- cooling



Coanda effect
- heating



Intelligent
thermal
sensor



Heat
boost



Econo mode



Energy
saving during
standby mode



Night set
mode



Fan only



Comfort mode



Powerful
mode



Auto cooling-
heating
changeover



Indoor
unit silent
operation



3-D air flow



Vertical auto
swing



Horizontal
auto swing



Auto fan
speed



Fan speed
steps



Dry
programme



Silver allergen
removal and
air purifying
filter



Flash Streamer



Titanium
apatite
deodorising
filter



Air filter



Weekly timer



Onecta via
app



Auto-restart



Self diagnosis



Multi model
application

2 Specifications

1 - 1 FTXJ-AB

Technical specifications					FTXJ20AB		FTXJ25AB		FTXJ35AB		FTXJ42AB		FTXJ50AB		
Power input	Cooling	Nom.	kW		0.020		0.022		0.024		0.028		0.031		
	Heating	Nom.	kW		0.021		0.022		0.024		0.036		0.039		
Casing	Colour				Black										
Dimensions	Unit	Height	mm		305										
		Width	mm		900										
		Depth	mm		212										
	Packed unit	Height	mm		345										
		Width	mm		1,010										
		Depth	mm		395										
Weight	Unit	kg		12											
	Packed unit	kg		15											
Packing	Weight	kg		3											
Heat exchanger	Length	mm		622											
	Rows	Quantity		2											
	Fin pitch	mm		1.40											
	Face area	m²		0.214											
	Stages	Quantity		18											
	Passes	Quantity		3.000											
	Tube type			ø5 Hi-XB											
	Fin	Type		ML fin (Multi louver)											
	Heat exchanger 2	Quantity			1										
Length		mm		614											
Rows		Quantity		1											
Fin pitch		mm		1.40											
Face area		m²		0.068					0.047						
Stages		Quantity		6					4						
Heat exchanger 3	Length	mm		614											
	Rows	Quantity		1											
	Fin pitch	mm		1.40											
	Stages	Quantity		4											
Fan	Type			Cross flow fan											
	Air flow rate	Cooling	High	m³/min	11.0	11.4		11.8		13.0		13.5			
				cfm	388	403		417		459		477			
		Medium	m³/min	8.4	8.6				9.5		10.4				
			cfm	297	304				335		367				
Fan	Air flow rate	Cooling	Low	m³/min	6.0					7.2		7.6			
				cfm	212					254		268			
Fan	Air flow rate	Cooling	Silent operation	m³/min	4.6							5.2			
				cfm	162							184			
		Heating	High	m³/min	11.1	11.3		11.7		14.4		15.0			
				cfm	392	399		413		509		530			
			Medium	m³/min	8.7	9.0				10.5		11.1			
				cfm	307	318				371		392			
		Low		m³/min	6.4					7.7		8.2			
				cfm	226					272		290			
			Silent operation	m³/min	4.6					5.2		5.7			
					cfm	162					184		201		
		Fan motor	Model			MM9G21V28VA									
			Speed	Steps			5 + silent, + auto								
Sound power level	Cooling	High	High	rpm	1,060		1,100		1,140		1,210		1,240		
			Medium	rpm	860		880				980		1,020		
		Low	Low	rpm	670							780		820	
			Silent operation	rpm						570					
	Heating	High	High	rpm	1,090		1,110		1,140		1,310		1,350		
			Medium	rpm	920		940				1,070		1,190		
		Low	Low	rpm	740							850		930	
			Silent operation	rpm	590							640		680	
	Output	Rated	W		24										
		Sound power level	Cooling	dBA		57							60		
Sound pressure level	Cooling	High	dBA		39		40		41		45		46		
		Medium	dBA		32				33		37		39		
		Low	dBA		25							29		31	
		Silent operation	dBA		19							21		24	
	Heating	High	dBA		39		40		41		45		46		
		Medium	dBA		32				33		37		42		
		Low	dBA		25							29		33	
		Silent operation	dBA		19							21		24	
Refrigerant	Type			R-32											
	GWP			675											
Heat exchanger 3	Quantity	mm		1											

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Technical specifications				FTXJ20AB	FTXJ25AB	FTXJ35AB	FTXJ42AB	FTXJ50AB
Piping connections	Liquid	OD	mm	6.35				
	Gas	OD	mm	9.50			12.7	
	Drain			18				
Piping connections Heat insulation				Both liquid and gas pipes				
Air filter	Type			Removable / washable				
	Quantity		pc	2				
Air direction control				Right, Left, Horizontal, Downward				
Temperature control				Microcomputer control				
Control systems	Infrared remote control			ARC488A1K				
	Wired remote control			BRC073A1				

Standard accessories: Installation manual; Quantity: 1;

Standard accessories: Operation manual; Quantity: 1;

Standard accessories: Wireless remote control; Quantity: 1;

Standard accessories: Remote control holder; Quantity: 1;

Standard accessories: AAA dry-cell batteries; Quantity: 2;

Standard accessories: Titanium apatite deodorizing filter; Quantity: 1;

Standard accessories: Silver particle filter; Quantity: 1;

Standard accessories: Screw cover; Quantity: 2;

Standard accessories: Screw bag; Quantity: 1;

Standard accessories: General safety precautions; Quantity: 1;

Standard accessories: Mounting plate; Quantity: 1;

Electrical specifications				FTXJ20AB	FTXJ25AB	FTXJ35AB	FTXJ42AB	FTXJ50AB
Power supply	Name			V1				
	Phase			1~				
	Frequency Hz			50				
	Voltage V			220-240				
Current	Nominal running current (RLA) - 50Hz	Heating	A	0.3			0.4	
Wiring connections - 50Hz	For power supply	Quantity	3					
		Remark	3 for power supply, 4 for interunit wiring (Earth wire included)					
Current	Nominal running current (RLA)	Cooling	A	0.3			0.4	

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