

PPET Terminology		Value	Value	Value	Value	Value
Master Attribute	Model Code (BOM)	F-AR30TXHYBWK1	F-AR24TXHYBWK1	F-AR18TXHYBWK1	F-AR12TXHYBWK1	F-AR09TXHYBWK1
	Model Code (Indoor)	AR30TXHYBWKNSA	AR24TXHYBWKNSA	AR18TXHYBWKNSA	AR12TXHYBWKNSA	AR09TXHYBWKNSA
	Model Code (Outdoor)	AR30TXHYBWKXSA	AR24TXHYBWKXSA	AR18TXHYBWKXSA	AR12TXHYBWKXSA	AR09TXHYBWKXSA
	Range Code	AR5500	AR5500	AR5500	AR5500	AR5500
	Range	Geo	Geo	Geo	Geo	Geo
Capacity	Capacity (Cooling)	8.0kW	6.8kW	5.0kW	3.5kW	2.5kW
	Capacity (Cooling, Min - Max)	2.5 - 9.3kW	1.4 - 7.6kW	1.6 - 6.7kW	0.99 - 4.0kW	0.96 - 3.4kW
	Capacity (Heating)	9.0kW	7.20kW	6.0kW	4.0kW	3.20kW
	Capacity (Heating, Min - Max)	2.4 - 13.0kW	1.2kW - 9.4kW	1.3 - 8.0	0.74 - 5.5kW	0.72 - 5.0kW
Energy Efficiency	AEER	3.26W/W	3.3W/W	3.59W/W	3.79W/W	4.36W/W
	ACOP	3.27W/W	3.27W/W	3.52W/W	3.80W/W	4.30W/W
	EER (Cooling)	3.27W/W	3.3W/W	3.6W/W	3.80W/W	4.39W/W
	COP (Heating)	3.27W/W	3.27W/W	3.53W/W	3.81W/W	4.32W/W
	Star Rating (Cooling)	2 Star	2 Star	2.5 Star	3 Star	4.5 Star
	Star Rating (Heating)	2 Star	2 Star	2.5 Star	3 Star	4 Star
Noise Level	Noise Level (Indoor, High/Low)	47/30dBA	45/26dBA	41/25dBA	40/17dBA	38/17dBA
	Noise Level (Outdoor, High/Low)	57dBA	53dBA	51dBA	46dBA	45dBA
Electrical Data	Power Source(Φ/V/Hz)	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
	Power Consumption(Cooling)	2450W	1980W	1230W	920W	570W
	Power Consumption(Heating)	2750W	2200W	1400W	1050W	740W
	Current Input, Cooling (Min/Std/Max)	2.5/11.1/14.0A	2.0/9.0/11.5A	2.0/6.4/10.0A	1.3/4.5/5.0A	1.2/3.4/3.8A
	Current Input, Heating (Min/Std/Max)	2.3/12.5/17.5A	1.7/9.8/14.5A	1.7/7.8/11.5A	1.0/5.1/6.8A	1.0/3.7/6.1A
Physical Specifications	Shipping Dimension (Indoor, WxHxD)	1115x290x375mm	1115x290x375mm	1115x290x375mm	950x290x375mm	950x290x375mm
	Net Dimension (Indoor, WxHxD)	1055x299x215mm	1055x299x215mm	1055x299x215mm	889x299x215mm	889x299x215mm
	Shipping Weight (Indoor)	14.3kg	13.2kg	13.2kg	11.6kg	11.6kg
	Net Weight (Indoor, kg)	12.5kg	11.6kg	11.5kg	10.1kg	10.1kg
	Shipping Dimension (Outdoor, WxHxD)	995x1096x426mm	1023x724x413mm	1023x724x413mm	913x622x371mm	913x622x371mm
	Net Dimension (Outdoor, WxHxD)	940x998x330 mm	880x638x310mm	880x638x310mm	790x548x285mm	790x548x285mm
	Shipping Weight (Outdoor)	72kg	46.2kg	43.1kg	31.9kg	31.9kg
	Net Weight (Outdoor)	67.8kg	43.2kg	39.5kg	29.8kg	29.8kg
Technical Information	Piping Length (Max)	30m	30m	30m	15m	15m
	Piping Height (Max)	15m	15m	15m	8m	8m
	Connection size (Liquid)	6.35mm	6.35mm	6.35mm	6.35mm	6.35mm
	Connection size (Gas)	15.88mm	15.88mm	12.7mm	9.52mm	9.52mm
	Moisture Removal	3.0 l/hr	2.5 l/hr	2.0 l/hr	1.5 l/hr	1.0 l/hr
	Air Circulation (Cooling)	20.2 m³/min	18.3 m³/min	16.40 m³/min	11.0 m³/min	9.9 m³/min
	Refrigerant (Type)	R32	R32	R32	R32	R32
	Low Ambient (Cooling)	-10~46 °C	-10~46 °C	-10~46 °C	-10~46 °C	-10~46 °C
	Low Ambient (Heating)	-15~24 °C	-15~24 °C	-15~24 °C	-15~24 °C	-15~24 °C
	Compressor Type	BLDC	BLDC	BLDC	BLDC	BLDC
	Anti-Corrosion Fin	Yes	Yes	Yes	Yes	Yes
	Operating Mode	2 Step Cooling	No	No	No	No
Auto Mode		Yes	Yes	Yes	Yes	Yes
Fast Cool		Yes	Yes	Yes	Yes	Yes
Comfort Cool		No	No	No	No	No
Dlight Cool		No	No	No	No	No
Good Sleep		Yes	Yes	Yes	Yes	Yes
Single User Mode		No	No	No	No	No
Eco Mode		Yes	Yes	Yes	Yes	Yes
Dehumidification		Yes	Yes	Yes	Yes	Yes
Fan Mode		Yes	Yes	Yes	Yes	Yes
Quiet		Yes	Yes	Yes	Yes	No
Air Flow	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4	5/4
	Wind-Free™	No	No	No	No	No
Air Purification	PM 1.0 Filter	No	No	No	No	No
	Tri Care Filter	No	No	No	No	No
	Easy Filter Plus (Anti-Bacteria)	Yes	Yes	Yes	Yes	Yes
	Auto Clean (Self Cleaning)	Yes	Yes	Yes	Yes	Yes
Convenience	SmartThings (Smart Check and Smart Service)	No	No	No	No	No
	AI Auto Cooling	No	No	No	No	No
	Motion Detect Sensor	No	No	No	No	No
	Filter Cleaning Indicator	Yes	Yes	Yes	Yes	Yes
	Indoor Temp. Display	Yes	Yes	Yes	Yes	Yes
	Display On/Off	Yes	Yes	Yes	Yes	Yes
	Beep On/Off	Yes	Yes	Yes	Yes	Yes
	24-Hour Timer	Yes	Yes	Yes	Yes	Yes
	Real-Time Timer	No	No	No	No	No
	Auto Changeover	Yes	Yes	Yes	Yes	Yes
	Auto Restart	Yes	Yes	Yes	Yes	Yes
	MEPS	Yes	Yes	Yes	Yes	Yes
	DRED	Yes	Yes	Yes	Yes	Yes
Smart	WiFi Embedded	No	No	No	No	No
App Connectivity	SmartThings App Support	No	No	No	No	No