

Indoor model			HSAFBU-07HRDN	HSAFBU-09HRDN	HSAFBU-12HRDN8-QRDOGW
Power supply (Indoor)		V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50
Cooling	Capacity	Btu/h	7000	9000	12000
	Input	W	20	20	20
	Current	A	0.09	0.09	0.09
Heating	Capacity	Btu/h	8000	10000	13000
	Input	W	20	20	20
	current	A	0.09	0.09	0.09
Indoor fan motor	Model		YKFG-13-4-38L	YKFG-13-4-38L	YKFG-13-4-38L
	Input	W	40	40	40
	Capacitor	uF	1.2	1.2	1.2
	Speed(Hi/Mi/Lo)	r/min	1030/850/700	1030/850/700	1130/950/750
Indoor coil	a.Number of rows	3.0	2.0	2.0	2.0
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6	19.5x11.6
	c.Fin spacing	mm	1.2	1.2	1.2
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ5,innergroove tube	Φ5,innergroove tube	Φ5,innergroove tube
	f.Coil length x height x width	mm	595x273x23.2	595x273x23.2	595x273x23.2
	g.Number of circuits		4	4	4
Indoor air flow (Hi/Mi/Lo)		m3/h	520/460/340	520/460/340	600/500/360
Indoor sound pressure level (Hi)		dB(A)	40/30/26/21	40/30/26/21	40/34/26/22
Indoor sound power level (Hi)		dB(A)	54	53	53
Indoor unit	Dimension(W*D*H)	mm	805x194x285	805x194x285	805x194x285
	Packing (W*D*H)	mm	870x270x360	870x270x360	870x270x360
	Net/Gross weight	Kg	7.5/9.7	7.5/9.7	7.5/9.7
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")
Controller		Wired Control	Remote Control	Remote Control	Remote Control
Operation temperature		°C	17~30	17~30	17~30
Room temperature	Cooling	°C	17~32	17~32	17~32
	Heating	°C	0~30	0~30	0~30

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
 -Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB -Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
 -Interconnecting Piping Length 5m - Interconnecting Piping Length 5 m
 - Level Difference of Zero. - Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

Indoor model			HSAFCU-18HRFN8-QRD0GW	MSAFDU-24HRFN8-QRD0GW
Power supply (Indoor)		V- Ph-Hz	220~240-1-50	220~240-1-50
Cooling	Capacity	Btu/h	18000	24000
	Input	W	34	62
	Current	A	0.15	0.28
Heating	Capacity	Btu/h	19000	25000
	Input	W	34	62
	current	A	0.15	0.28
Indoor fan motor	Model		ZKFP-30-8-3	ZKFP-58-8-1
	Input	W	36	58.0
	Capacitor	uF	/	/
	Speed(Hi/Mi/Lo)	r/min	1130 / 900 / 800	1150 / 1000 / 850
Indoor coil	a.Number of rows	3.0	2.0	2.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	750x294x26.74	780x315x26.74
	g.Number of circuits		3	4
Indoor air flow (Hi/Mi/Lo)		m3/h	840/680/540	980/817/662
Indoor sound pressure level (Hi)		dB(A)	44/37/30/25	44.5/42/34.5/28
Indoor sound power level (Hi)		dB(A)	55	59
Indoor unit	Dimension(W*D*H)	mm	957x213x302	1040x220x327
	Packing (W*D*H)	mm	1035x295x380	1120x405x310
	Net/Gross weight	Kg	10/13	12.3/15.8
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
Controller		Wired Control	Remote control	Remote control
Operation temperature		°C	17~30	17~30
Room temperature	Cooling	°C	17~32	17~32
	Heating	°C	0~30	0~30

Notes:

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 -Interconnecting Piping Length 5m - Interconnecting Piping Length 5 m
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