



A whole new definition to comfort.

Technical specifications

المواصفات الفنية

Fan Coil Unit (Indoor)		UNIT	COOL ONLY		HEAT & COOL	
Model Number			42SDS6B1A	42SFS7B1A	42HDS6B1A	42HFS7B1A
Rated Capacity at T1	Cooling	BTU/h	42000	54000	42000	54000
Rated Capacity at T3	Cooling	BTU/h	36000	47000	36000	47000
Rated Capacity	Heating	kW	-	-	6.8	9.7
Power Supply		V-Ph-Hz	230-1-60	230-1-60	230-1-60	230-1-60
Total System Power Input at T1	Cooling	kW	3.544	4.557	3.544	4.557
Total System Power Input at T3	Cooling	kW	4.311	5.529	4.311	5.529
Total System Power Input	Heating	kW	-	-	7.25	10.2
EER at T1	Cooling	(Btu/h)/W	11.85	11.85	11.85	11.85
EER at T3	Cooling	(Btu/h)/W	8.35	8.5	8.35	8.5
COP	Heating	w/w			0.95	0.95
SEER			10	10.1	10	10.1
Current at T1	Cooling	A	15.8	20.5	15.8	20.5
Current at T3	Cooling	A	19	24.5	19	24.5
Current	Heating	A	-	-	32	45.2
Air Filter type			Pre- Filter	Pre- Filter	Pre- Filter	Pre- Filter
Air Flow Rate (High/Medium/Low speed)		m3/h	1750/1650/1600	2750/2610/2260	1750/1650/1600	2750/2610/2260
Indoor noise level (H/M/L)		dBA	56/54/53	58/56/53	56/54/53	58/56/53
Net Weight		Kg	70/76	92/120	75/81	97/125
Unit Dimensions (W x H x D)		mm	580*400*1750	740*440*1800	580*400*1750	740*440*1800
Pipe Connection Size	Suction	mm	7/8	7/8	7/8	7/8
	Liquid	mm	3/8	3/8	3/8	3/8
	Drain	mm	3/4	3/4	3/4	3/4
Condensing Unit (Outdoor)		UNIT	COOL ONLY		HEAT & COOL	
Model Number			38CKPS48US30-11	38CKPS60US30-11	38CKPS48US30-21	38CKPS60US30-21
Power Supply		V-Ph-Hz	230-1-60	230-1-60	230-1-60	230-1-60
Compressor Type			Scroll	Scroll	Scroll	Scroll
Refrigerant			R-410a	R-410a	R-410a	R-410a
Refrigerant Pipe (Max length)	Vertical + Horizontal	mts	25	25	25	25
	Vertical (OU & IU)	mts	5	5	5	5
Recommended Wire Size/No. of wires for Power Supply to Outdoor Unit *		mm ² / qty	4 mm ² /2 + 1 Earth	4 mm ² /2 + 1 Earth	10.0mm ² /2 + 1 Earth(E/Heater)	10.0mm ² /2 + 1 Earth(E/Heater)
Recommended Wire Size/No. of wires for Control from Indoor to Outdoor Unit *			1.0mm ² + 1 Earth	1.0mm ² + 1 Earth	1.0mm ² + 1 Earth	1.0mm ² + 1 Earth
Dimensions (W x H x D)		mm	722.3 x 792.2 x 792.2	808.0 x 792.2 x 792.2	722.3 x 792.2 x 792.2	808.0 x 792.2 x 792.2
Net Weight		Kg.	91	101	91	101

Notes:

1) T1 conditions: Indoor Air Temperatures 27°C (DB) / 19°C (WB) and Outdoor Air Temperatures 35°C (DB) / 24°C (WB)

2) T3 conditions: Indoor Air Temperatures 29°C (DB) / 19°C (WB) and Outdoor Air Temperatures 46°C (DB) / 24°C (WB)

* Recommended wire sizes are for reference & guidance ONLY, all field wires should comply with National and International Electrical Codes

Carrier reserves the right to change features and/ or specifications anytime without notice and without incurring any liability



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Features

- Ideal for mosques, residential and commercial applications
- Quiet in operation
- Automatic air management function



FLOOR STANDING UNIT

42SF/42HF

With non-ozone depleting refrigerant (R-410A).

