

INVERTER

ComfortStar®

INVERTER HIGH EFFICIENCY
DUCTLESS MINI-SPLIT SYSTEMS



CPE SERIES | 16 SEER

FEATURES:

- High Efficiency 16 SEER
- Auto Swing
- Auto Defrosting
- Auto-Restart
- Anti-Cold Air Function
- Bypass Mode
- Mute Operation
- Refrigerant Leak Detection Error Code
- 24 Hour Timer
- GOLD FIN Protection
- Manual Switch
- Interactive Display
- Self-Diagnosis
- 2-Way Draining
- Wired Control Option

12201 N.W. 107TH AVENUE | MEDLEY, FL 33178

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GOLD fin





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CPE SERIES 16 SEER



Indoor			CPE09CD(I)	CPE12CA(I)	CPE12CD(I)	CPE18CD(I)	CPE24CD(I)	CPE36CD(I)
Outdoor			CPE09CD(O)	CPE12CA(O)	CPE12CD(O)	CPE18CD(O)	CPE24CD(O)	CPE36CD(O)
Power supply		Ph-V-Hz	208/230V,1Ph,60Hz	115V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling	Capacity (range)	Btu/h	9000	12000	12000	17000	22000	36000
	Input	W	812	1200	1200	1718	2080	4235
	Rated current	A	3.53	10.43	5.2	7.47	9.0	18.5
	EER	Btu/w	11.1	10	10.0	9.9	10.6	8.5
	SEER	Btu/w	19	16.5	16.0	17.0	16.0	16
Heating	Capacity	Btu/h						36000.0
	Input	W	/	/	/	/	/	3835
	Rated current	A	/	/	/	/	/	16.7
	COP	W/W	/	/	/	/	/	2.75
	HSPF4	Btu/w	/	/	/	/	/	10.0
	HSPF5	Btu/w	/	/	/	/	/	8.4
Indoor air flow (Hi/Mi/Lo)		m3/h	410/350/250	400/350/250	590/460/340	813/639/515	995/799/608	1450/1100/800
Indoor air flow (Hi/Mi/Lo)		CFM	241.18/205.88/147.06	235.29/205.88/147.06	347.06/270.59/200.00	478.24/375.88/302.94	585.29/470.00/357.65	852.94/647.06/470.59
Indoor noise level (Hi/Mi/Lo)		dB(A)	38/32/26.5	38.5//24.5	39/35.5/31.5	43/37/31.5	45.5/40/32.5	52/44/36
Indoor unit	Dimension (W*D*H)	mm	722x187x290	802x189x297	805x194x285	957x213x302	1040x220x327	1259x282x362
	Dimension (W*D*H)	inch	28.43x7.36x11.42	31.57x7.44x11.69	31.69x7.64x11.22	37.68x8.39x11.89	40.94x8.66x12.87	49.57x11.10x14.25
	Packing (W*D*H)	mm	790x270x375	875x285x380	870x270x365	1035x295x385	1120x405x315	1340x450x385
	Packing (W*D*H)	inch	31.10x10.63x14.57	34.45x11.22x14.76	34.25x10.63x14.37	40.75x11.61x15.16	44.09x15.94x12.40	52.76x17.72x15.16
	Net/Gross weight	Kg	7.4/9.8	8.5/11	8.0/10.2	10.4/13.4	13.1/16.5	18.5/24.2
	Net/Gross weight	lbs.	16.31/21.61	18.74/24.25	17.64/22.49	22.93/29.54	28.88/36.38	40.79/53.35
Outdoor air flow		m3/h	2091	2000	1300	/	3100	3800
Outdoor air flow		CFM	1230.00	1176.47	764.71	/	1823.53	2235.29
Outdoor noise level		dB(A)	51	51.5	55	54	57	60.5
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	681x285x434	770x300x555	845x363x702	946x410x810
	Dimension(W*D*H)	inch	30.31x11.81x21.85	30.31x11.81x21.85	26.81x11.22x17.09	30.31x11.81x21.85	33.27x14.29x27.64	37.24x16.14x31.89
	Packing (W*D*H)	mm	900x345x595	900x345x595	795x345x505	900x348x625	965x395x775	1090x500x885
	Packing (W*D*H)	inch	35.43x13.58x23.43	35.43x13.58x23.43	31.30x13.58x19.88	35.43x13.70x24.61	37.99x15.55x30.51	42.91x19.69x34.45
	Net/Gross weight	Kg	24.5/26.9	28.3/30.7	18.8/20.8	27.9/30.8	39.1/42.6	65.2/71.5
	Net/Gross weight	lbs.	54.01/59.30	62.39/67.68	41.45/45.86	61.51/67.90	86.20/93.92	143.74/157.63
Refrigerant type		oz	R410A/0.5	R410A/20.8	R410A/0.52	R410A/0.85	R410A/1.16	R410A/119.9
Refrigerant precharge		ft	20	0	15	/	30	20
Additional charge for each ft		oz	0.21	/	0.16	/	0.32	0.21
Design pressure		PSIG	550/340	550/340	///	///	///	550/340
Refrigerant piping	Liquid side/ Gas side	inch	1/4,3/8	1/4,1/2	1/4,1/2	1/4,1/2	3/8,5/8	3/8,5/8
	Max. refrig. pipe length	m	25	25	25	30	25	65
	Max. differ. in level	m	10	10	10	20	10	30
Thermostat type			Remote Control					
Room temperature	Indoor(cooling/ heating)	°C	17-32//	17-32//	17-32//	17-32//	17-32//	17-32/0-30
	Outdoor(cooling/ heating)	°C	-15-50//	-15-50//	-15-50//	-15-50//	-15-50//	-15-50/-15-30



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