

# ComfortStar®

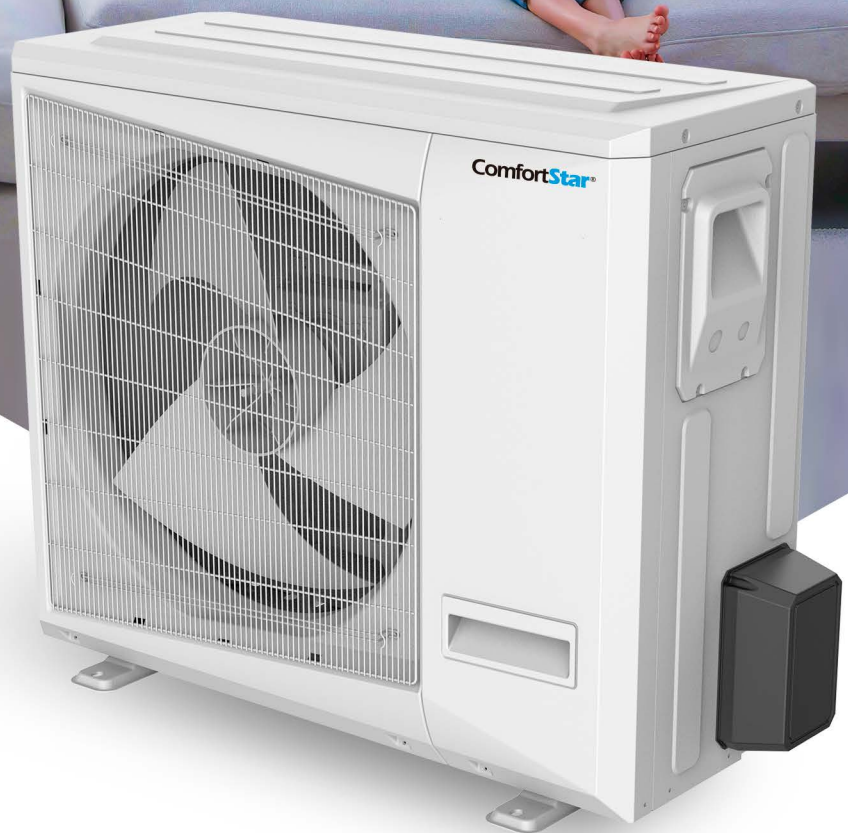
Comfort... it's  
in our name

## CHD Series

UP TO  
**14 SEER**

### FEATURES:

- High Efficiency Fixed Compressor
- High Efficiency Motor
- 24V Communication Connection
- Multi protections
- Wide operation temperature range
- Environment Friendly
- CCT Inner-grooved Tube
- Concealed stop valve design



### HIGH EFFICIENCY - SIDE DISCHARGE CONDENSER



High Quality



High Efficiency  
Motor



High Efficiency  
Fixed Compress



CCT  
Inner-grooved  
Tube

12201 N. W. 107th Avenue | Medley, FL 33178

Toll Free: 1-866-524-9898 | Phone: 1-305-500-9898 | Fax: 1-305-500-9896

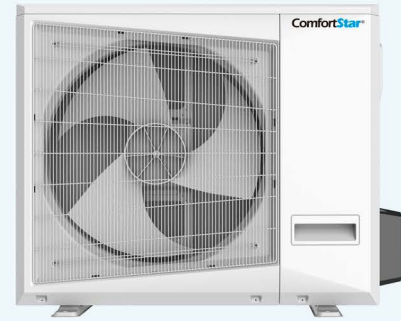
[www.comfortstarusa.com](http://www.comfortstarusa.com)

Email us: [info@comfortstarusa.com](mailto:info@comfortstarusa.com)

# CHD Series

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UP TO  
**14 SEER**



Outdoor unit factory model			CHD12CA-14	CHD18CD-14	CHD24CD-14	CHD30CD-14	CHD36CD-14	CHD48CD-14
Cooling	Power supply	Ph-V-Hz	115V~ 60Hz, 1Ph	208/230V~ 60Hz, 1Ph	208/230V~ 60Hz, 1Ph	208/230V~ 60Hz, 1Ph	208/230V~ 60Hz, 1Ph	208/230V~ 60Hz, 1Ph
	Cooling Capacity	Btu/h	11800	17500	23400	30000	34000	48000
	SEER		14.5	14.5	14.5	14.5	14.5	14
	EER		12.2	12.2	12.2	12.2	12.2	11.7
Electrical Parameters	Max Fuse Size		15	15	15	20	25	40
	MCA		11	10	11.5	14	16	25.5
	Alternating Current Contactor		YES(a)	YES(b)	YES(c)	YES(c)	YES(c)	YES(c)
	High Pressure Switch (HPS)		HPS(a)	HPS(a)	HPS(a)	HPS(a)	HPS(a)	HPS(a)
	Discharge Temperature Switch (DTS)		DTS(a)	DTS(a)	DTS(a)	DTS(a)	DTS(a)	DTS(a)
Outdoor air flow		m3/h	1700	2720	4165	3876	3825	4400
		CFM	1000	1600	2450	2280	2250	2588
Outdoor noise level		dB(A)	52	55	59	59	59	64
Outdoor unit	Dimension(W*D*H)	mm	850x345x555	914x382x702	1015x445x810	1015x445x810	1015x445x810	1100x528x870
		in	33.5x13.6x21.9	36.0x15.0x27.6	40.0x17.5x31.9	40.0x17.5x31.9	40.0x17.5x31.9	43.31x20.79x34.25
	Packing (W*D*H)	mm	915x380x610	975x420x770	1075x495x890	1075x495x890	1075x495x890	1145x545x1015
		in	36.0x15.0x24.0	38.4x16.5x30.3	42.3x19.5x35.0	42.3x19.5x35.0	42.3x19.5x35.0	45.0x21.5x40.0
	Net/Gross weight	cu in	12,960	19,198	28,870	28,870	28,870	38,700
		Kg	34.5/37	48/52	57/61.5	64/69	64/69	90/105
	lb	76.1/94.8	105.8/114.6	125.7/135.6	141.1/152.1	141.1/152.1	198.4/231.5	
CFM with rated coils		CFM	445	650	780	1080	1150	1471
Refrigerant piping	Liquid O.D. in	Inch	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
	Suction O.D. in	Inch	1/2"	1/2"	5/8"	3/4"	3/4"	3/4"
	Max. Refrigerant Pipe Length	Ft	82	82	82	82	82	98
	Max. Refrigerant Line Elevation2	Ft	33	33	33	33	33	49
Operation Range			60~115°F	60~115°F	60~115°F	60~115°F	60~115°F	60~115°F

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