

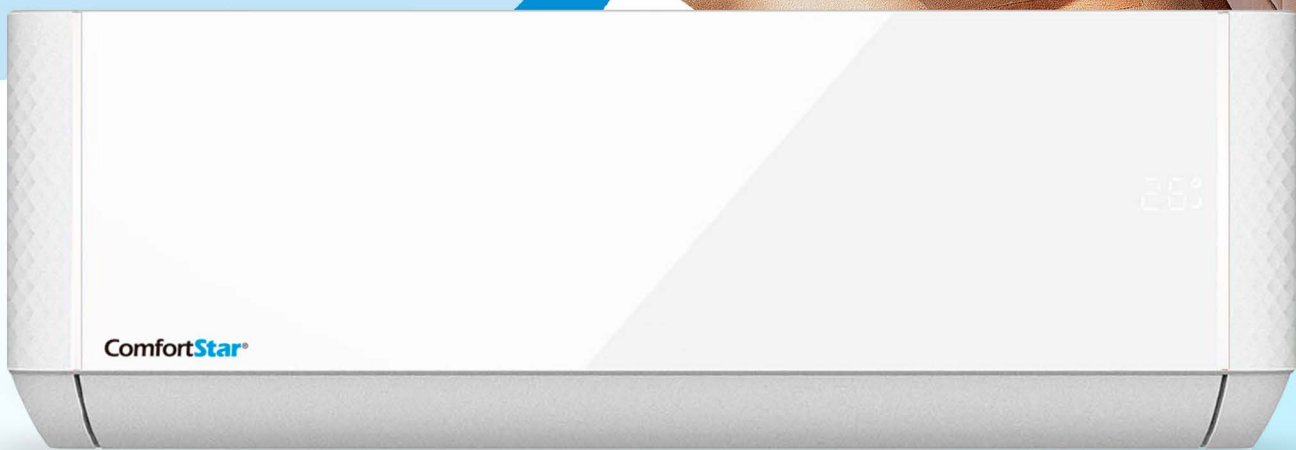
ComfortStar®

Air Conditioning & Heating Products

CHT Series INVERTER

Orbitseries™

UP TO
23.5 SEER2



HIGH EFFICIENCY - COOLING - HEAT PUMP DUCTLESS MINI-SPLIT SYSTEMS

**INSTALLATION
KIT INCLUDED**



High Quality



Sleep Mode



Quiet
Operation



Auto - Restart

FEATURES:

- Independent Dehumidification
- 24Hour Timer
- Turbo Mode
- Auto Mode
- Sleep Mode
- Self Troubleshooting
- ECO Mode
- Display On/off
- Up-Down Auto Swing
- Emergency Button
- Intelligent AUTO Defrost
- Forced AUTO Defrost
- Anti-Cold Wind
- Auto-restart
- Self-troubleshooting
- Celsius and Fahrenheit Degree Switch
- Louver Position Memory
- Refrigerant Leakage Detector
- Top opened Dust Filter of IDU
- Fire-Proof Electrical Box of IDU
- Smaller Louver-closing Gap of IDU
- π Shape Stronger Installation IDU Plate
- One PRESS to Detach the IDU from the Plate
- Quick Replacement of IDU PCB
- Easy Cleaning of IDU Air Channel
- High Temperature Self-cleaning & Sterilization
- Low Temperature Cooling 5°F
- Low Temperature Heating -13°F
- Easy Installation Supporter for IDU Plate
- Left-Right Auto Swing
- ODU Chassis PTC Heater
- Follow Me/I Feel Remote Control



HEAT-COOL

Low ambient
temperature -13° F

Comfort... it's in our name

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

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CHT Series

UP TO **23.5** SEER2



Model			CHT09CA-23(I)	CHT12CA-23(I)	CHT09CD-23(O)	CHT12CD-23(O)	CHT18CD-23(O)	CHT24CD-23(O)
			CHT09CA-23(O)	CHT12CA-23(O)	CHT09CD-23(O)	CHT12CD-23(O)	CHT18CD-23(O)	CHT24CD-23(O)
Type			Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Control type			Remote	Remote	Remote	Remote	Remote	Remote
Power supply			115V~60Hz/1P	115V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P
Rated Cooling (95°F)	Rated cooling capacity	Btu/h	9000	12000	9000	12000	18000	23000
	EER2	Btu/Wh	12.5	12.5	13.0	13.0	13.0	12.5
	SEER2	Btu/Wh	23.0	22.0	23.5	23.0	22.0	20.0
Rated Heating	Rated Heating capacity(47°F)	Btu/h	9500	12000	9500	12000	18000	24000
	Rated Heating capacity(17°F)	Btu/h	6000	7500	6000	7500	10000	14000
	Max. Heating capacity(19°F)	Btu/h	8000	10000	8000	10000	14000	18000
	Max. Heating capacity(5°F)	Btu/h	7000	8700	7300	9100	11900	16000
Rated Input Consumption	Cooling	W	710	920	710	920	1350	1920
	Heating	W	730	910	730	910	1310	2050
Rated Current	Cooling	A	6.4	8.2	3.2	4.1	6.1	8.6
	Heating	A	6.5	8.2	3.3	4.1	5.9	9.2
Min. Circuit Ampacity	A	16	17	9	11	13	19	
Maximum Fuse Size	A	25	25	15	15	20	30	
Maximum Operation Pressure	Mpa	6.3	6.3	6.3	6.3	6.3	6.3	
Moisture removal	Liters/h	1.1	1.6	1.1	1.6	2.2	2.6	
Outdoor noise level	dB(A)	50	52	50	52	52	58	
Suitable area	sq.ft	Up to 400	Up to 550	Up to 400	Up to 550	Up to 1000	Up to 1500	
Indoor unit	Net dimensions (W x D x H)	inch	32.28x12.05x7.68	36.22x12.05x7.68	32.28x12.05x7.68	36.22x12.05x7.68	43.31x13.11x8.74	43.31x13.11x8.74
	Packing dimensions (W x D x H)	inch	35.04x14.96x10.43	38.98x14.96x10.43	35.04x14.96x10.43	38.98x14.96x10.43	45.87x15.95x11.61	45.87x15.95x11.61
	Netweight	lbs	20.9437	23.1483	20.9437	23.1483	30.8644	30.8644
	Netweight with all accessories	lbs	23.80968	25.3529	23.80968	25.3529	33.069	33.069
	Grossweight without pipe	lbs	25.3529	26.4552	25.3529	26.4552	35.2736	35.2736
	Grossweight with all accessories	lbs	28.6598	29.7621	28.6598	29.7621	37.4782	37.4782
Outdoor unit	Net dimensions (W x D x H)	inch	28.66x12.01x21.65	28.66x12.01x21.65	28.66x12.01x21.65	28.66x12.01x21.65	33.26x14.96x27.51	35.83x16.54x31.50
	Packing dimensions (W x D x H) (without pipe with less accessory parts)	inch	33.07x13.39x23.82	33.07x13.39x23.82	33.07x13.39x23.82	33.07x13.39x23.82	37.79x16.92x29.53	40.47x19.09x33.46
	Netweight	lbs	51.8081	60.40604	51.36718	59.08328	84.8771	104.7185
	Netweight with 5m pipe	lbs	56.2173	64.81524	55.77638	63.49248	89.2863	109.1277
	Grossweight without pipe	lbs	56.2173	65.47662	55.77638	64.37432	83.6955	119.0484
	Packing dimensions (W x D x H) (with 5m pipe)	inch	33.54x14.09x24.02	33.54x14.09x24.02	33.54x14.09x24.02	33.54x14.09x24.02	37.79x16.92x29.53	40.47x19.09x33.46
	Packing dimensions (W x D x H) (with super package with pipe)	inch	33.86x14.37x25.44	33.86x14.37x25.44	33.86x14.37x25.44	33.86x14.37x25.44	38.0x17.33x30.91	/
	Grossweight with 5m pipe	lbs	60.6265	69.88582	60.18558	68.78352	98.1047	125.6622
	Gross weight with super package with 5m pipe	lbs	63.9334	72.7518	63.9334	72.7518	102.5139	/
	Loading Capacity (IN+OUT)	40' HC/ 40' GP/ 20' GP		713/610/287	650/556/260	713/610/287	650/556/260	498/422/204
Loading Capacity (OUT)	40' HC/ 40' GP/ 20' GP(without pipe)		360/270/126	360/270/126	360/270/126	360/270/126	189/187/89	144/96/44
	40' HC/ 40' GP/ 20' GP(with pipe)		344/258/120	344/258/120	344/258/120	344/258/120	189/187/89	144/96/44
Loading Capacity (IN+OUT)	40' HC(with super package with pipe)		323	323	323	323	186	/
	40' HC (without pipe)		236	230	236	230	159	117
	40' HC (with pipe)		229	224	229	224	150	117
Indoor Ambient temperature	Cooling	°C	16~32	16~32	16~32	16~32	16~32	16~32
		°F	60~90	60~90	60~90	60~90	60~90	60~90
	Heating	°C	0~24	0~24	0~24	0~24	0~24	0~24
		°F	32-75	32-75	32-75	32-75	32-75	32-75
Outdoor Ambient temperature	Cooling	°C	-15~55	-15~55	-15~55	-15~55	-15~55	-15~55
		°F	5-131	5-131	5-131	5-131	5-131	5-131
	Heating	°C	-25~24	-25~24	-25~24	-25~24	-25~24	-25~24
		°F	-13-75	-13-75	-13-75	-13-75	-13-75	-13-75