

ComfortStar®

Air Conditioning & Heating Products



UP TO
17 SEER2

CIP-HT INVERTER

Orbitseries™

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



High Quality



Sleep Mode



Quiet
Operation



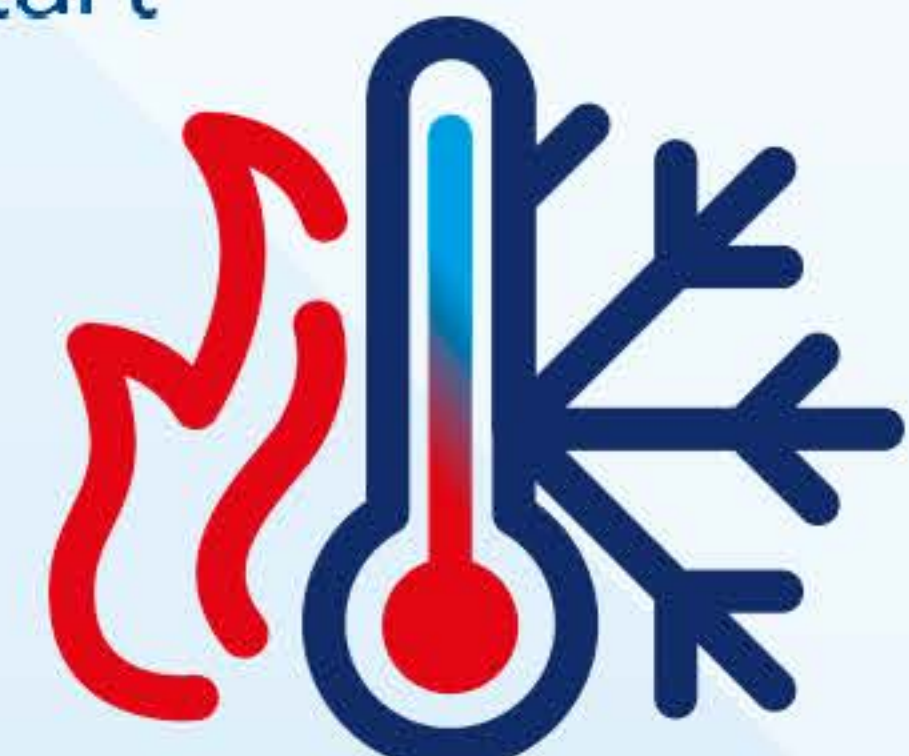
Auto - Restart

FEATURES:

- 24H Timer
- Turbo Mode
- Auto Mode
- Sleep Mode
- ECO Mode

- Display On/off
- Auto-restart
- I Feel Remote Control
- Low ambient temperature 5°F

INSTALLATION
KIT INCLUDED



HEAT-COOL

Low ambient
temperature 5°F



Comfort... it's in our name

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

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CIP-HT Orbitseries™

UP TO
17 SEER2



Indoor			CIP12CA-HT(I)	CIP12CD-HT(I)	CIP18CD-HT(I)	CIP24CD-HT(I)
Outdoor			CIP12CA-HT(O)	CIP12CD-HT(O)	CIP18CD-HT(O)	CIP24CD-HT(O)
Type			Heat Pump	Heat Pump	Heat Pump	Heat Pump
Cooling	Rated cooling capacity	Btu/h	11000(2050~12625)	11000(2730~12965)	16500(4095~19500)	22000(5120~24900)
	Rated input	Btu/h	4470(682~5118)	4415(853~5459)	6623(1024~8530)	8632(1194~9554)
	Max Power input	HP	2.0	2.1	3.4	3.8
	Rated current	A	11.8(2.0~13.0)	6.1(1.2~7.3)	9.2(1.4~12.0)	12.0(1.5~13.5)
	Max Current	A	13	7.3	12	13.5
	SEER	Btu/W.h	17.00	16.00	16.00	16.00
	SEER2 for cooling	Btu/W.h	17.00	17.00	17.00	17.00
Heating	Rated heating capacity	Btu/h	11500(2050~12625)	11500(2730~12965)	17000(4095~19500)	22000(5120~24900)
	Rated input	Btu/h	3832(682~5459)	3832(682~5459)	5664(1024~8530)	7336(1194~9212)
	Max Power input	HP	2.1	2.1	3.4	3.6
	Rated current	A	10.2(2.0~14.0)	5.3(1.2~7.3)	7.9(1.4~12.0)	10.2(1.5~13.0)
	Max Current	A	14	7	12	13
	HSPF Rating (Region IV)	Btu/W.h	9.70	10.20	10.20	10.20
	COP2 (47°F) for heating	Btu/W.h	10.23	10.23	10.23	10.23
	HSPF2 Rating (Region IV)	Btu/W.h	8.00	8.00	8.50	8.00
Moisture removal	Liters/h	1.3	1.3	1.8	2.5	
Indoor air circulation(Cooling)	CFM	294	294	558	764	
Indoor fan type		Cross flow	Cross flow	Cross flow	Cross flow	
Indoor noise level at cooling	High	dB(A)	38	38	43	49
	Med.	dB(A)	34	34	38	45
	Low	dB(A)	30	30	33	41
Indoor fan speed H/M/L	Cooling	rpm	1250/1150/950/750/600	1250/1150/950/750/600	1350/1250/1050/850/750	1270/1200/1000/850/700
	Heating	rpm	1250/1150/950/850/800	1250/1150/950/850/800	1350/1250/1050/850/750	1270/1200/1000/850/750
	Dry	rpm	1250	1250	1350	1270
	Sleep	rpm	750	750	850	850
Indoor unit	Net dimensions (W x D x H)	Inch	30.59x4.72x7.91	30.59x4.72x7.91	35.82x11.41x8.11	39.8x12.4x8.66
	Netweight	Lbs.	16.5	16.5	22	28.6
	Packing dimensions (W x D x H)	Inch	33.07x12.4x10.23	33.07x12.4x10.23	38.54x14.64x10.9	43.14x15.35x11.69
	Grossweight with pipe	Lbs.	20.9	20.9	28.6	35.2
Outdoor noise level	dB(A)	52	52	52	55	
Outdoor unit	Net dimensions (W x D x H)	Inch	30.59x11.41x19.6	30.59x11.41x19.6	33.58x13.74x23.7	33.6x13.7x23.7
	Netweight	Lbs.	51.8	50.7	63.9	72.7
	Packing dimensions (W x D x H)	Inch	32.99x13.30x21.25	32.99x13.30x21.25	35.43x15.94x25.39	35.43x15.94x25.39
	Grossweight with pipe	Lbs.	58.4	57.3	72.7	81.5
Connecting Pipe	Gas	Inch	3/8"	3/8"	3/8"	1/2"
	Liquid	Inch	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number	Inch2	4X0.0023	4X0.0016	4X0.0012	4X0.0012
Refrigerant		oz	22.6	22.6	37.4	48.4
Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9	1.9
Drainage Pipe		Inch	O.D 0.63	O.D 0.63	O.D 0.63	O.D 0.63
Control type			Remote	Remote	Remote	Remote
Suitable area		ft2	161~247	161~247	215~376	322~538
Indoor Ambient temperature	Cooling	°C	16~32	16~32	16~32	16~32
		°F	61~90	61~90	61~90	61~90
	Heating	°C	0~24	0~24	0~24	0~24
		°F	32-75	32-75	32-75	32-75
Outdoor Ambient temperature	Cooling	°C	15~50	15~50	15~50	15~50
		°F	59~122	59~122	59~122	59~122
	Heating	°C	-15~24	-15~24	-15~24	-15~24
		°FZ	5-75	5-75	5-75	5-75

ComfortStar®
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INVERTER

AIRI CERTIFIED™
www.airiregistry.org

ETL US

R410a

GOLDfin

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