

ComfortStar®
Air Conditioning & Heating Products

CARAT-HP

WiFi

21.5 SEER



**HIGH EFFICIENCY COOLING
DUCTLESS MINI SPLIT SYSTEMS**

“Enjoy Comfort and Elegance”



Wi - fi



Bypass Mode



Mute
Operation



Auto - Restart



Auto
Defrosting



24H Timer

FEATURES:

- Gold fin protection
- Auto - Swing
- Auto - Restart
- Dehumidification function
- High - efficiency filter
- Sleep mode function
- Remote or wired control optional
- Wifi
- LCD display

INVERTER



Comfort... it's in our name

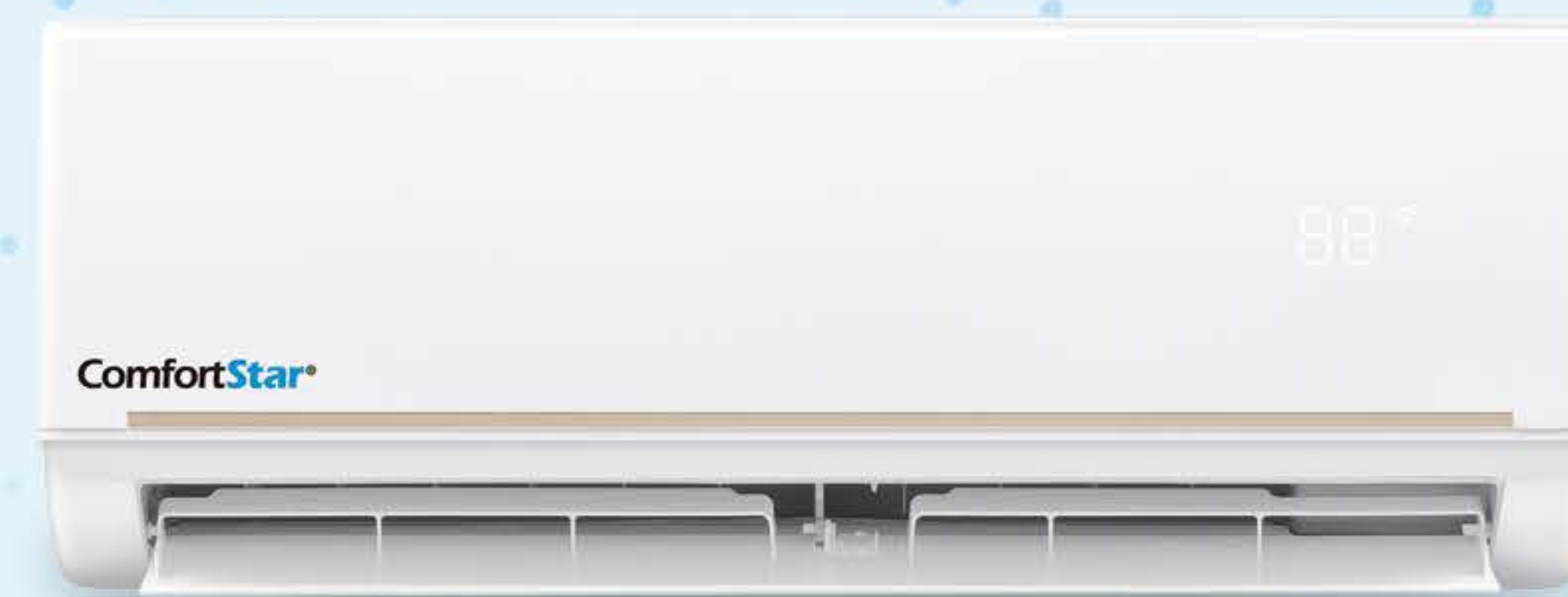
📍 12201 N. W. 107th Avenue | Medley, FL 33178

☎ **Toll Free:** 1-866-524-9898 | **Phone:** 1-305-500-9898 | **Fax:** 1-305-500-9896 | **Email us:** info@comfortstarusa.com ✉

www.comfortstarusa.com 🌐

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Indoor			CARAT12CA(I)-HP	CARAT12CD(I)-HP	CARAT18CD(I)-HP	CARAT24CD(I)-HP	CARAT36CD(I)-HP
Outdoor			CARAT12CA(O)-HP	CARAT12CD(O)-HP	CARAT18CD(O)-HP	CARAT24CD(O)-HP	CARAT36CD(O)-HP
Power supply		V-Ph-Hz	115V,1Ph,60HZ	208-230V,1Ph, 60HZ	208A-230V,1Ph, 60HZ	208A-230V,1Ph, 60HZ	208-230V,1Ph,60HZ
Cooling (Standard conditions)	Capacity	Btu/h	12000	12000	18000	24000	36000
	Input	W	1165	1111	1638	2520	3790
	Current	A	10.13	4.9	7.5	11.2	16.8
	EER	Btu/w	10.3	10.8	11.0	9.5	9.5
	EER2	Btu/w	10.3	10.8	11.0	9.5	9.5
	SEER	Btu/w	20.0	20.5	19.5	18.5	18.0
	SEER2	Btu/w	20.8	21.4	19.5	18.5	18.0
Heating (Standard conditions)	Capacity	Btu/h	12000	12000	18800	24000	36000
	Input	W	1154	1039	1806	2320	3790
	Current	A	10.05	4.6	/	10.25	16.8
	COP	W/W	3.05	3.38	3.05	3.03	2.78
	HSPF	Btu/w	10.8	10.7	10.0	10.2	12.0
	HSPF2	Btu/w	8.7	9.2	8.7	8.6	7.8
Rated Power Input		W	1840	2300	3250	3700	4800
Rated Current		A	16.5	10.5	14.0	16	21
Indoor air flow (Hi/Mi/Lo)		CFM	300/241/177	291/197/156	459/329/270	546/402/331	652/447/329
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/35/26.5	41/35/24	45/38/30.0	45/39.5/36	54/45/40
Indoor unit	Dimension(W*D*H)	inch	31.57x7.87x11.61	31.57x7.87x11.61	38.23x8.98x12.64	42.60x9.21x13.27	49.60x11.14x14.25
	Packing (W*D*H)	inch	34.45x11.22x14.76	34.45x11.22x14.76	41.14x12.01x15.94	45.47x16.34x12.40	52.76x17.72x14.96
	Net/Grossweight	lbs	18.52/24.03	18.74/24.03	24.47/31.97	29.98/37.92	42.77/55.34
Outdoor air flow		CFM	1235.8	1235.8	1235.8	1765.7	2239.5
Outdoor noise level		dB(A)	53.5	53.5	57	60	65
Outdoor unit	Dimension(W*D*H)	inch	30.12x11.93x21.85	30.12x11.93x21.85	31.69x12.99x21.81	35.04x13.46x26.50	37.24x16.14x31.89
	Packing (W*D*H)	inch	34.84x14.76x23.82	34.84x14.76x23.82	37.01x16.14x23.82	40.55x17.24x29.53	42.91x19.69x34.45
	Net/Grossweight	lbs	62.17/70.99	59.31/68.12	73.85/83.11	97.99/109.13	150.13/162.7
Refrigerant type		oz	R410A/28.57	R410A/28.57	R410A/47.62	R410A/62.83	R410A/119.93
Design pressure		MPa	///	///	///	///	///
Refrigerant piping	Liquid side/ Gas side	inch	1/4" / 1/2"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"
	Max. refrigerant pipe length	inch	984.25	985.25	1181.10	1968.50	2559.05
	Max. difference in level	inch	393.70	393.70	787.40	984.25	1181.10
Connection wiring			16#x4//	16#x4//	16#x4//	16#x4//	16#x4//
Plug type			//no-plug	//no-plug	//no-plug	//no-plug	//no-plug
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature		°F	63-86	63-86	63-86	63-86	63-86
Room temperature	Indoor(cooling/ heating)	°F	60.8~89.6/32~86	60.8~89.6/32~86	60.8~89.6/32~86	60.8~89.6/32~86	63~89.6/32~86
	Outdoor(cooling/heating)	°F	5~122/5~75.2	5~122/5~75.2	5~122/5~75.2	5~122/5~75.2	-22~122/-22~86
Application area (Cooling Standard)		ft2	172.22-247.57	172.22-247.57	258.33-376.74	344.44-505.9	516.67-753.47
Qty'per 20' /40' /40'HQ			98/208/250	98/208/250	86/174/204	64/134/156	36/76/88

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INVERTER **AIR CERTIFIED** **ENERGY STAR** **R410a** **GOLDfin**
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