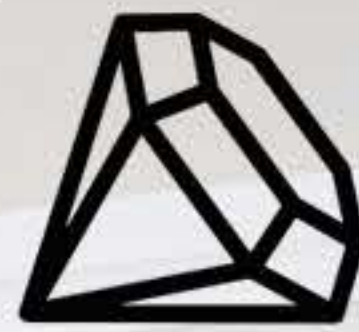


**ComfortStar®**  
Air conditioning and Heating



**CARAT**



**Wi Fi**

**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
- Remote or wired control optional
- Wifi
- LCD display
- Dehumidification function
- High - efficiency filter
- Sleep mode function

**INVERTER**

AIR CONDITIONING  
CERTIFIED

ETL

R410a

**GOLD**fin

*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  
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# CARAT 21.5 SEER

Wi-Fi



*"Enjoy Comfort and Elegance"*

			CARAT12CA-M	CARAT12CD-M	CARAT18CD-M	CARAT24CD-M
<b>Indoor unit model</b>			CARAT12CA(I)-M	CARAT12CD(I)-M	CARAT18CD(I)-M	CARAT24CD(I)-M
<b>Outdoor unit model</b>			CARAT12CA(O)-M	CARAT12CD(O)-M	CARAT18CD(O)-M	CARAT24CD(O)-M
Power supply		V-Ph-Hz	115V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/hr	11500(3300~12500)	11500(3030~12500)	17500(/~17500)	22000(/~/)
	Input	W	965(80~850)	957(80~900)	1570(/~1570)	2150(/~/)
	Current	A	8.5(1~9)	7.0(0.8~6.5)	6.8(/~6.8)	9.3(/~/)
	EER	Btu/hr/W	11.90	12.01	11.26	10.24
	<b>SEER</b>	<b>Btu/hr/W</b>	<b>21</b>	<b>21.5</b>	<b>21</b>	<b>20</b>
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	18	15.5	16	16
MAX.FUSE(Outdoor)		A	30	20	20	20
Indoor air flow (Hi/Mi/Lo)		m3/h	566/430/360	550/395/330	800/600/520	1000/800/680
Indoor air flow (Hi/Mi/Lo)		CFM	332.94/252.94/211.76	323.53/232.35/194.12	470.59/352.94/305.88	588.24/470.59/400.00
Indoor noise level (Hi/Mi/Lo)		dB(A)	40.5/35.5/33	40.5/36.0/26.5	46/38.5/31.5	47.5/39.5/36
Indoor unit	Dimension(W*D*H)	mm	802x200x295	802x200x295	971x228x321	1082x234x337
		inch	31.57x7.87x11.61	31.57x7.87x11.61	38.23x8.98x12.64	42.60x9.21x13.27
	Packing (W*D*H)	mm	875x285x380	875x285x380	1045x305x405	1155x415x315
		inch	34.45x11.22x14.96	34.45x11.22x14.96	41.14x12.01x15.94	45.47x16.34x12.40
	Net/Gross weight	kg	8.7/11.1	8.0/10.4	11.2/14.4	13.6/17.1
		lb	19.18/24.47	17.64/22.93	24.69/31.75	29.98/37.70
Outdoor air flow		m3/h	1800	1800	2100	2300
Outdoor air flow		CFM	1058.82	1058.82	1235.29	1352.94
Outdoor noise level		dB(A)	54	53.5	55.5	56.5
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	805x330x554
		inch	28.35x10.63x19.49	28.35x10.63x19.49	30.12x11.93x21.85	31.69x12.99x21.81
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	915x370x615
		inch	32.87x11.81x21.26	32.87x11.81x21.26	34.92x13.27x24.02	36.02x14.57x24.21
	Net/Gross weight	kg	23/24.7	21.2/23.0	27.9/30.3	30.5/33.1
		lb	50.71/54.45	46.74/50.71	61.51/66.80	67.24/72.97
Refrigerant type			R410A/0.66kg	R410A/0.63kg	R410A/0.9kg	R410A/37.74ozs
Additional charge per metre		g/m	15	15	15	30
Additional charge for each ft		oz/ft	0.16	0.16	0.16	0.32
Design pressure		PSIG	///	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
		Max. refrigerant pipe length	m	25	25	30
	ft		82.02	82.02	98.42	98.42
	Max. difference in level	m	10	10	20	20
		ft	32.81	32.81	65.62	65.62
	Connection wiring			16#x4//	16#x4//	16#x4//
Room temperature	Indoor (cooling/ heating)	°C	16~32/-	16~32/-	16~32/-	16~32/-
		°F	60~90/-	60~90/-	60~90/-	60~90/-
	Outdoor (cooling/heating)	°C	0~50/-	0~50/-	0~50/-	0~50/-
		°F	32~122/-	32~122/-	32~122/-	32~122/-

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**INVERTER**   **GOLD** *fin*  
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