

Charmo

HEATING AND COOLING
YOU CAN COUNT ON

115V & 230V MODELS



QUIET, EFFICIENT AND OH-SO-SOPHISTICATED.

Slim, stylish and elegant, the latest **Charmo** units are designed to be energy efficient at an affordable price. These 17.5-19.5 SEER2 heat pump systems are built around GREE's variable speed compressor technology, using eco-friendly R410A refrigerant.

- HIGH EFFICIENCY, UP TO 19.5 SEER2 / 10 HSPF
- SLEEK LOOK TO BLEND WITH YOUR DECOR
- PRECISE AIRFLOW CONTROL
- BUILT-IN WIFI
- AUTO - CLEAN FUNCTION

- G10 inverter technology
- I-Feel function
- Multiple fan speeds
- Sleep function
- Acrylic resin coil coating
- Dehumidification
- Intelligent preheating
- Automatic voltage adaption
- Low voltage start-up
- Self-diagnosis
- Swing louver control
- LED display settings
- Privacy lock mode
- Cooling range: -4°F - 122°F
- Heating range: -13°F - 75°F
- Auto-Clean

Charmo		110V -09kBTU	110V -12kBTU	208V -09kBTU	208V -12kBTU	208V -18kBTU	208V -24kBTU
System Type		HEAT PUMP					
SYSTEM PERFORMANCE							
Cooling Capacity (Min-Max)	Btu/h	9100 (3000 - 11000)	12000 (2388 - 13307)	9100 (2800 - 10300)	12000 (2388 - 13307)	17600 (3753 - 19960)	22000 (6824 - 25249)
Heating Capacity (Min-Max)	Btu/h	10000 (2200 - 13000)	12000 (2388 - 15013)	10000 (2200 - 12200)	12000 (2388 - 15013)	19100 (2730 - 22519)	24000 (5971 - 27296)
SEER2 / EER2		19.5 / 11.3	17.5 / 8.7	19.5 / 11.3	17.5 / 8.7	17.5 / 10.05	18 / 11.6
HSPF / HSPF2 / COP		9.3 / 8.6 / 3.6	10 / 8.5 / 3.5	10 / 8.8 / 3.75	10 / 8.5 / 3.5	9 / 8.5 / 3.2	10 / 8.5 / 3.43
Energy Star®		NO	NO	NO	NO	NO	NO
Cooling Temperature Range	°F	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Heating Temperature Range	°F	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75
Refrigerant Type		R410A					
INDOOR UNIT DATA		GWH09ATCXB-A3DNA1A/I	GWH12ATCXB-A3DNA1C/I	GWH09ATCXB-D3DNA1A/I	GWH12ATCXB-D3DNA1C/I	GWH18ATDXD-D3DNA1A/I	GWH24ATEXF-D3DNA1E/I
Air Flow (Min-Max)	CFM	159 - 353	182 - 424	159 - 353	182 - 424	283 - 618	412 - 677
Sound Pressure Level (Min-Max)	dB(A)	26 - 41	27 - 47	26 - 41	27 - 47	32 - 50	36 - 51
Dehumidification	pt/hr	1.69	2.96	1.69	2.96	3.8	5.28
External Dimensions (W x H x D)	in	32 7/8 x 10 7/8 x 7 7/8	32 7/8 x 10 7/8 x 7 7/8	32 7/8 x 10 7/8 x 7 7/8	32 7/8 x 10 7/8 x 7 7/8	37 1/8 x 13 1/8 x 9 11/16	42 7/16 x 13 1/8 x 9 11/16
Package Dimension (WxHxD)	in	35 1/4 x 13 5/8 x 10 11/16	35 1/4 x 13 5/8 x 10 11/16	35 1/4 x 13 5/8 x 10 11/16	35 1/4 x 13 5/8 x 10 11/16	39 7/16 x 15 15/16 x 12 11/16	44 5/8 x 16 5/16 x 13 1/8
Weight (Net / Gross)	lbs	19.8 / 24.3	19.8 / 24.3	19.8 / 24.3	19.8 / 24.3	28.7 / 34.2	33.1 / 39.7
OUTDOOR UNIT DATA		GWH09ATCXB-A3DNA1A/O	GWH12ATCXB-A3DNA1C/O	GWH09ATCXB-D3DNA1A/O	GWH12ATCXB-D3DNA1C/O	GWH18ATDXD-D3DNA1A/O	GWH24QEXF-D3DNC4C/O
Compressor Type		GREE G-10 INVERTER					
Sound Pressure Level	dB(A)	51	52	51	52	57	57
External Dimensions (W x H x D)	in	28 13/16 x 21 7/8 x 13	28 13/16 x 21 7/8 x 13	28 13/16 x 21 7/8 x 13	28 13/16 x 21 7/8 x 13	31 5/8 x 21 7/8 x 13 13/16	37 3/4 x 26 x 15 7/8
Package Dimension (W x H x D)	in	31 5/16 x 24 3/4 x 14 13/16	31 5/16 x 24 3/4 x 14 13/16	31 5/16 x 24 3/4 x 14 13/16	31 5/16 x 24 3/4 x 14 13/16	34 6/16 x 24 7/16 x 15 11/16	40 5/8 x 29 1/16 x 17 15/16
Weight (Net / Gross)	lbs	59.5 / 65.0	59.5 / 65.0	56.2 / 61.7	57.3 / 62.8	71.7 / 77.2	97.0 / 106.9
REFRIGERANT PIPING							
Refrigerant Charge - R410A	oz	24.3	24.7	24.7	27.5	44.1	52.9
Additional Charge	oz/ft	0.2	0.2	0.2	0.2	0.2	0.5
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8
Pre-Charge Length	ft	25	25	25	25	25	25
Pipe Length (Min - Max)	ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 82	10 - 82
Max. Pipe Elevation	ft	39	33	39	33	33	33
ELECTRICAL							
Power Supply		115V / 1PH / 60 HZ	115V / 1PH / 60 HZ	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz
Voltage Range (Min - Max)	VAC	103-127	103-127	187-253	187-253	187-253	187-253
Rated Current - Cooling	A	17.5	18	6.5	6.7	9.5	12
Rated Current - Heating	A	18	18	7	7.4	9.5	12
MCA	A	16	20	9	11	14	15
MOCP	A	20	30	15	15	20	20
Main Power Wire Size	AWG	Per Local Code					
Interconnecting Wire Size	AWG	14 / 4	14 / 4	14 / 4	14 / 4	14 / 4	14 / 4
WARRANTY							
10 Years Parts							