

# MULTI+ULTRA

## ULTRA HEATING & COOLING POWER



- HIGH EFFICIENCY, UP TO 20 SEER2 / 10 HSPF2
- IDEAL FOR HARSH CLIMATES: -31°F - 115°F
- CONNECT UP TO 5 INDOOR UNITS (ZONES) TO OUTDOOR SYSTEM
- 5 UNIQUE OPTIONS FOR INDOOR UNIT

### OPTIMAL PERFORMANCE IN THE MOST CHALLENGING CLIMATES... -31°F - 115°F.

The Multi ULTRA heat pump units provide ULTRA heating & cooling powered by the “unique to GREE” 2 stage / 3 cylinder variable speed compressor. Each outdoor coil has corrosion-resistant, acrylic resin coil coating to maintain energy efficiency in the harshest climates.

- Sound levels down to 58 dB(A) on outdoor unit
- Up to 5 unique indoor units
- Cooling range: 0°F - 115°F
- Heating range: -31°F - 75°F



MULTI+ ULTRA		MULTIU18HP230V1DO	MULTIU24HP230V1DO	MULTIU36HP230V1DO	MULTIU42HP230V1DO
System Type		HEAT PUMP			
Number of Zones		2	2 - 3	2 - 4	2 - 5
<b>SYSTEM PERFORMANCE (Non-Ducted Indoor Units)</b>					
Cooling Capacity (Min-Max)	Btu/h	18000 (6998 - 21001)	22000 (7500 - 30000)	36000 (8871 - 40000)	42000 (8871 - 42991)
Heating Capacity (Min-Max)	Btu/h	21000 (7000 - 26000)	26000 (7500 - 31000)	36000 (8871 - 42514)	42000 (8871 - 46062)
SEER2 / EER2		20 / 12	20 / 12	16 / 9	16 / 9
HSPF2 / COP		10 / 3.6	10 / 3.9	8.6 / 3.5	8.6 / 3.7
Energy Star®		YES	YES	NO	NO
<b>SYSTEM PERFORMANCE (Ducted Indoor Units)</b>					
Cooling Capacity (Min-Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min-Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		14.5 / 8.5	14.5 / 8.5	14.5 / 8	14.5 / 8
HSPF2 / COP		7.8 / 2.7	7.8 / 2.9	7.6 / 3.4	7.6 / 3.4
Energy Star®		NO	NO	NO	NO
<b>SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)</b>					
Cooling Capacity (Min - Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min - Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		18 / 10.5	18 / 10.5	15 / 8.3	15 / 8.3
HSPF2 / COP		8.6 / 3.2	8.6 / 3.4	8 / 3.5	8 / 3.5
Energy Star®		NO	NO	NO	NO
<b>OUTDOOR UNIT</b>		<b>MULTIU18HP230V1DO</b>	<b>MULTIU24HP230V1DO</b>	<b>MULTIU36HP230V1DO</b>	<b>MULTIU42HP230V1DO</b>
Cooling Temperature Range	°F	0 - 115	0 - 115	0 - 115	0 - 115
Heating Temperature Range	°F	-31 - 75	-31 - 75	-31 - 75	-31 - 75
Refrigerant Type		R410A			
Compressor Type		GREE G-10 / 2 - STAGE INVERTER			
Sound Pressure Level	dB(A)	58	60	62	62
External Dimensions (W x H x D)	in	37 5/8 x 27 5/8 x 15 5/8	38 5/8 x 31 1/8 x 16 13/16	42 13/16 x 43 7/16 x 17 5/16	42 13/16 x 43 7/16 x 17 5/16
Package Dimension (W x H x D)	in	40 7/16 x 28 7/8 x 17 7/8	42 1/2 x 33 1/8 x 19 1/8	45 1/2 x 45 1/2 x 18 7/8	45 1/2 x 45 1/2 x 18 7/8
Weight (Net / Gross)	lbs	172 / 183	174 / 185	280 / 298	282 / 300
<b>REFRIGERANT PIPING</b>					
Refrigerant Charge - R410A	oz	77.6	95.2	158.7	176.3
Additional Charge	oz/ft	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)	Port A (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)			1/4 - 3/8	1/4 - 3/8
	Port E (in)				1/4 - 3/8
Pre-Charge Length	ft	66	98	131	131
Pipe Length (Min / Max)	ft	10 / 164	10 / 230	10 / 246	10 / 246
Pipe Length to furthest Indoor Unit	ft	82	82	82	82
Max. Pipe Elevation	ft	26	49	49	49
<b>ELECTRICAL</b>					
Power Supply		208-230V / 1Ph / 60Hz			
Voltage Range (Min - Max)		VAC 187 - 253			
Rated Current Cooling	A	22	26	32	32
Rated Current Heating	A	22	26	32	32
MCA	A	20	23	36	38
MOCP	A	35	40	60	60
Main Power Wire Size	AWG	Per Local Code			
Interconnecting Wire Size	AWG	14 / 4			
<b>LIMITED WARRANTY</b>		<b>5 Years Parts, 7 Years Compressor – Residential &amp; Commercial</b>			