

MULTI⁺ULTRA

ULTRA HEATING & COOLING POWER



- HIGH EFFICIENCY, UP TO 23 SEER / 10.5 HSPF
- IDEAL FOR HARSH CLIMATES: -35°C - 48°C
- CONNECT UP TO 5 INDOOR UNITS (ZONES) TO OUTDOOR SYSTEM
- 5 OPTIONS FOR INDOOR UNIT

OPTIMAL PERFORMANCE IN THE MOST CHALLENGING CLIMATES... -35°C - 48°C.

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 56 dB(A) on outdoor unit
- Up to 5 indoor units
- Cooling range: 18°C - 48°C
- Heating range: -35°C - 24°C



MODEL		MULTIU18HP230V1DO	MULTIU24HP230V1DO	MULTIU36HP230V1DO	MULTIU42HP230V1DO
System Type		HEAT PUMP			
Number of Zones		2	2 - 3	2 - 4	2 - 5
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)					
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)
SEER / EER		23 / 12.5	23 / 12.5	23 / 9	23 / 9
HSPF / COP		10.5 / 3.6	10.5 / 3.6	10 / 3.2	10 / 3.4
Energy Star®		YES	YES	NO	NO
SYSTEM PERFORMANCE (Ducted Indoor Units)					
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)
SEER / EER		14 / 8.5	14 / 8.5	14 / 7.5	14 / 7.5
HSPF / COP		9 / 3.6	9 / 3.6	9 / 3.2	9 / 3.4
Energy Star®		NO			
OUTDOOR UNIT					
Cooling Temperature Range	°F	0 - 115	0 - 115	0 - 115	0 - 115
Heating Temperature Range	°F	-31 - 75	-31 - 75	-31 - 75	-31 - 75
Compressor Type		GREE G-10 / 2 - STAGE INVERTER			
Sound Pressure Level (Cooling / Heating)	dB(A)	58 / 58	60 / 60	62 / 62	62 / 62
Unit Dimension (WxHxD)	in	37 5/8 × 15 5/8 × 27 5/8	38 5/8 × 16 13/16 × 31 1/8	42 13/16 × 17 5/16 × 43 7/16	42 13/16 × 17 5/16 × 43 7/16
Package Dimension (WxHxD)	in	40 7/16 x 17 7/8 x 28 7/8	42 1/2 x 19 1/8 x 33 1/8	45 1/2 x 18 7/8 x 45 1/2	45 1/2 x 18 7/8 x 45 1/2
Weight (Net / Gross)	lbs	78 / 183	174 / 185	280 / 298	282 / 291
Refrigerant Charge - R410A	oz	77.6	95.2	158.7	176.3
Coil Type		Aluminum Fin-Copper Tube / Acrylic Resin Protection			
REFRIGERANT PIPING					
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			
Max. Pipe Elevation	ft	26	49	49	49
ELECTRICAL					
Power Supply		208-230V / 1Ph / 60Hz			
Rated Current Cooling	amps	22	26	32	32
Rated Current Heating	amps	22	26	32	32
MCA	amps	20	23	36	38
MOCP	amps	35	40	60	60
Main Power Wire Size	AWG	Per Local Code			
Interconnecting Wire Size	AWG	14 / 4			
LIMITED WARRANTY			10 Years Parts and Compressor - Residential		