



-35°C

48°C



MULTIZONE SYSTEM FREE MATCH EXTREME *Ultra Heat* SERIES

SEER	EER	HSPF	COP (at 8°C)	dB(A)
23.0	12.5	10.5	3.6	58
IN COOLING OPERATION		IN HEATING OPERATION		OUT. SOUND

OPTIMAL PERFORMANCE IN THE HARSHTEST OF CLIMATES...

Using state-of-the-art technologies developed exclusively by **GREE, Free Match Extreme** high-efficiency heat pumps provide both powerful “ULTRA” heating and cooling in two to three separate areas.

IDEAL FOR THE CANADIAN CLIMATE

Each coil on **Free Match Extreme** outdoor condensing units has a corrosion-resistant coating to ensure optimum energy efficiency in the most extreme climates.



FEATURES AND BENEFITS:

- HIGH EFFICIENCY
- COMPREHENSIVE PROTECTION
- INNER COPPER GROOVES
- INTELLIGENT DEFROSTING
- EASY MAINTAINABILITY
- TURBO MODE
- SELF-DIAGNOSIS
- LOW VOLTAGE START-UP
- AUTO RESTART
- CONTROL LOCK
- TIMER
- COMPACT DESIGN
- WIRED CONTROLLER
- INCLUDED FUNCTION
- OPTIONAL FUNCTION

- Can power up to 3 indoor units
- Low voltage start-up
- Fins with anti-corrosion coating
- Self-diagnosis function
- Automatic defrost function
- Heavy gauge steel cabinet
- Eco-friendly R410A refrigerant



18 000 & 24 000 BTU/hr
condensing units

WALL-MOUNT UNITS



(included) (in option)

LOMO 23 SERIES

This ductless wall-mounted unit has a compact design that blends well with any home decor, the perfect option for your home or office needs.

- G10 Inverter technology
- Energy Star® certified
- Optional WiFi module
- Swing louver control
- Multiple fan speed
- Adjustable LED display
- Control lock
- Washable dust filters
- YV1FB7F remote control
- XK-41 controller (in option)



(included) (in option)

EXTREME SERIES

Its quiet design combined with its unmatched energy efficiency makes this wall unit the ideal choice for any home or office.

- Ultra Heat technology
- G10 Inverter technology
- Energy Star® certified
- WiFi control (GREE+ ap)
- Swing louver control
- Multiple fan speed
- Adjustable LED display
- Control lock
- Washable dust filters
- YAG1FBF remote control
- XK-41 controller (in option)

CONDENSING UNITS			GWHD(18)ND3J/O	GWHD(24)ND3J/O
AHRI code:			202557965	202557961
Connectable Indoor Units	—		2	2 to 3
Power Supply	V/Hz/Ph		208-230 / 60 / 1	
SYSTEM PERFORMANCE				
Capacity	Cooling	BTU/hr	18 000 (6 998 – 21 001)	22 000 (7 500 – 30 000)
	Heating	BTU/hr	21 000 (7 000 – 26 000)	26 000 (7 500 – 31 000)
Power Input	Cooling	W	1450	1760
	Heating	W	1710	2090
SEER	BTU/W*hr		23.0	23.0
EER	BTU/W*hr		12.5	12.5
HSPF	BTU/W*hr		10.5	10.5
COP	W/W		3.6	3.6
Energy Star®	—		Yes	Yes
OUTDOOR UNIT SPECIFICATIONS				
Ambient Temperature	Cooling	°C (°F)	-18 to 48 (0 to 118)	
	Heating	°C (°F)	-35 to 24 (-31 to 75)	
Airflow Volume	m³/hr (CFM)		4300 (2531)	4300 (2531)
Sound Pressure Level	dB(A)		58	60
Minimum Circuit Ampacity (MCA)	A		23	23
Maximum Overcurrent Protection (MOP)	A		35	40
Dimensions	W x H x D	mm (in)	1003 x 790 x 417 (39-31/64 x 31-7/64 x 16-13/32)	1003 x 790 x 417 (39-31/64 x 31-7/64 x 16-13/32)
		kg (lb)	78 / 83 (172 / 183)	79 / 84 (174.2 / 185.2)
Weight	Net / Gross			
REFRIGERATION SYSTEM				
Suction Line Size	mm (in)		ø 9.52 (3/8)	
Liquid Line Size	mm (in)		ø 6.35 (1/4)	
Pipe Length (min. – max.)	m (ft)		3 – 25 (10 – 82)	
Maximum Pipe Length (between ODU and the last IDU)	m (ft)		50 (164)	
Maximum Pipe Elevation	m (ft)		8 (26)	
Refrigerant Type	—		R410A	

LOMO 23 WALL-MOUNT UNIT			GWHD09QC-D3DNA5D/I	GWHD12QC-D3DNA5D/I	GWHD18QD-D3DNA5G/I	GWHD24QE-D3DNA5D/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (supplied by the outdoor unit)			
Capacity	Cooling	BTU/hr	9 000 (3 100 – 9 600)	12 000 (3 100 – 13 000)	18 000 (6 800 – 20 000)	22 000 (6 824 – 27 296)
	Heating	BTU/hr	11 000 (1 911 – 12 000)	13 000 (2 400 – 14 000)	19 800 (7 340 – 23 500)	23 000 (6 824 – 30 708)
Moisture Removal Capacity	L/hr (pt/hr)		0.80 (1.69)	1.40 (2.96)	1.80 (3.80)	2.00 (4.23)
Airflow Volume	m³/hr (CFM)		640 / 490 / 410 / 290 (377 / 288 / 241 / 171)	640 / 490 / 410 / 290 (377 / 288 / 241 / 171)	950 / 830 / 700 / 570 (559 / 488 / 412 / 335)	1200 / 1100 / 1000 / 900 (706 / 647 / 589 / 530)
Sound Pressure Level	dB(A)		43 / 39 / 35 / 29	45 / 39 / 35 / 29	47 / 43 / 40 / 39	48 / 44 / 40 / 36
Dimensions	W x H x D	mm (in)	845 x 289 x 209 (33-1/4 x 11-3/8 x 8-7/32)	845 x 289 x 209 (33-1/4 x 11-3/8 x 8-7/32)	970 x 300 x 224 (38-3/16 x 11-13/16 x 8-13/16)	1078 x 325 x 246 (42-7/16 x 12-25/32 x 9-11/16)
		kg (lb)	11 / 13 (24.3 / 28.7)	11 / 13 (24.3 / 28.7)	12.5 / 15.5 (27.6 / 34.2)	15.5 / 19 (34.2 / 41.9)
Weight	Net / Gross					

EXTREME WALL-MOUNT UNIT			GWHD09AAD-D3DNA2B/I	GWHD12AAD-D3DNA2A/I	GWHD18AAE-D3DNA2A/I	GWHD24AAE-D3DNA2A/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (supplied by the outdoor unit)			
Capacity	Cooling	BTU/hr	9 000 (1 535 – 12 966)	12 200 (3 071 – 18 766)	18 000 (4 094 – 21 837)	22 000 (6 800 – 30 700)
	Heating	BTU/hr	9 000 (2 388 – 13 648)	12 000 (2 900 – 15 354)	18 000 (4 094 – 24 566)	24 000 (6 800 – 32 000)
Moisture Removal Capacity	L/hr (pt/hr)		0.80 (1.69)	1.40 (2.96)	1.80 (3.80)	2.00 (4.23)
Airflow Volume	m³/hr (CFM)		720/650/600/550/500/450/350 (424/383/353/324/294/265/206)	850/800/750/600/550/450/400 (500/471/441/353/324/265/235)	1250/1150/1050/950/850/780/600 (736/677/618/559/500/459/353)	1400/1300/1200/1100/1000/850/650 (824/765/706/647/588/500/383)
Sound Pressure Level	dB(A)		45 / 40 / 38 / 36 / 33 / 31 / 19	49 / 46 / 43 / 40 / 37 / 34 / 22	51 / 48 / 45 / 42 / 39 / 36 / 34	54 / 49 / 46 / 43 / 40 / 37 / 34
Dimensions	W x H x D	mm (in)	970 x 300 x 225 (38-5/16 x 11-13/16 x 8-7/8)	970 x 300 x 225 (38-3/16 x 11-13/16 x 8-7/8)	1101 x 327 x 249 (43-11/32 x 12-7/8 x 9-13/16)	1080 x 325 x 245 (42-1/2 x 12-13/16 x 9-21/32)
		kg (lb)	13.5 / 16.5 (29.8 / 36.4)	13.5 / 16.5 (29.8 / 36.4)	16.5 / 19.5 (36.4 / 43.0)	16.5 / 19.5 (36.4 / 43.0)
Weight	Net / Gross					



Authorized dealer

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