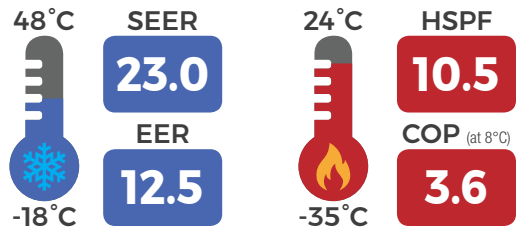




MULTI-ZONE SYSTEM
FREE MATCH
EXTREME *Ultra Heat*
SERIES



OPTIMAL PERFORMANCE IN THE HARSHTEST OF CLIMATES...

Using state-of-the-art technologies, **Free Match Extreme** high-efficiency heat pumps provide both powerful “ULTRA” heating and cooling in two to three separate areas. Each indoor unit can be independently controlled to provide the right temperature for each zone.

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 | |
| | | | | | | | | | | <input type="checkbox"/> INCLUDED FUNCTION | <input type="checkbox"/> OPTIONAL FUNCTION |
| COMPACT DESIGN | WIRED CONTROLLER | | | | | | | | | | |

- Can power up to 5 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



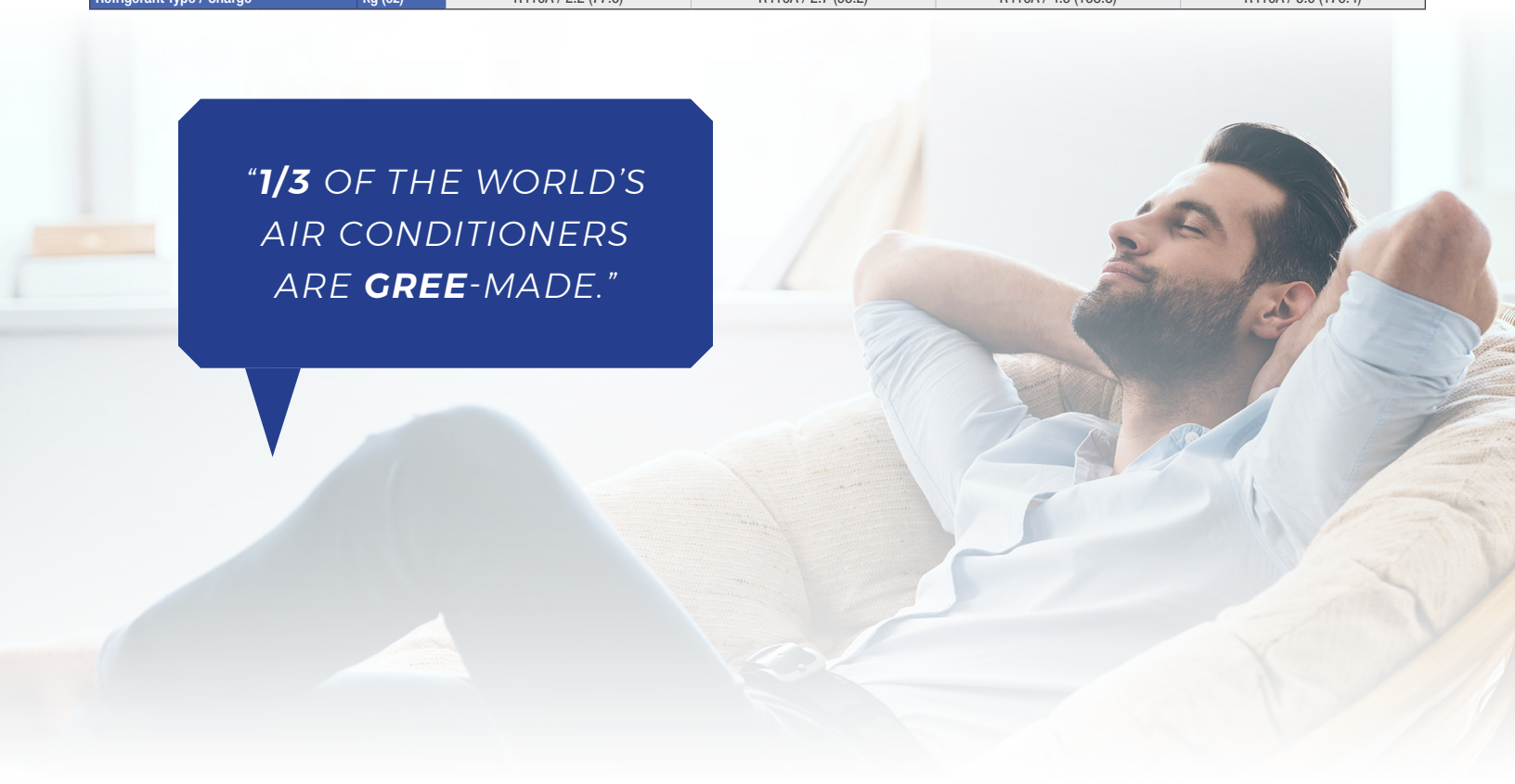
18 000 & 24 000 BTU/hr
condensing units



36 000 & 42 000 BTU/hr
condensing units

CONDENSING UNITS			GWHD(18)ND3J/O	GWHD(24)ND3J/O	GWHD(36)ND3J/O	GWHD(42)ND3J/O
AHRI code (without / with duct):			202557960 / 206340206	202557961 / 204630890	202557962 / 204630891	202557963 / 204630892
Connectable Indoor Units	—		2	2 to 3	2 to 4	2 to 5
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)	36 000 (8 871 – 35 826)	42 000 (10 236 – 38 214)
	Heating	BTU/hr	21 000 (7 000 – 26 000)	26 000 (7 500 – 31 000)	36 000 (8 871 – 44 356)	42 000 (10 236 – 46 744)
Power Input	Cooling	W	1450	1760	4020	4660
	Heating	W	1710	2090	3300	3600
SEER	BTU/W*hr		23.0	23.0	23.0	23.0
EER	BTU/W*hr		12.5	12.5	9.0	9.0
HSPF	BTU/W*hr		10.5	10.5	10.0	10.0
COP	W/W		3.6	3.6	3.21	3.4
Energy Star®	—		YES	YES	NO	NO
OUTDOOR UNIT SPECIFICATIONS						
Ambient Temperature	Cooling	°C (°F)	-18 to 48 (0 to 118)			-18 to 46 (0 to 115)
	Heating	°C (°F)	-35 to 24 (-31 to 75)			
Airflow Volume	m³/hr (CFM)		4300 (2531)	4300 (2531)	5200 (3060)	5200 (3060)
Sound Pressure Level	dB(A)		58	60	62	62
Minimum Circuit Ampacity (MCA)	A		23	23	36	38
Maximum Overcurrent Protection (MOP)	A		35	40	60	60
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)	1095 x 1103 x 440 (43-7/64 x 43-27/64 x 17-21/64)	1095 x 1103 x 440 (43-7/64 x 43-27/64 x 17-21/64)
Weight	Net / Gross	kg (lb)	78 / 83 (172 / 183)	79 / 84 (174.2 / 185.2)	127 / 135 (280 / 297.7)	128 / 136 (282.2 / 299.9)
REFRIGERATION SYSTEM						
Suction Line Size	mm (in)		ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
Liquid Line Size	mm (in)		ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
Minimum Pipe Length	m (ft)		3 (9.8)	3 (9.8)	3 (9.8)	3 (9.8)
Maximum Pipe Length	m (ft)		25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)
Max. Pipe Length (from ODU to last IDU)	m (ft)		50 (164.0)	70 (230.0)	75 (246.1)	80 (262.5)
Maximum Pipe Elevation	m (ft)		8 (26.2)	8 (26.2)	15 (49.2)	15 (49.2)
Refrigerant Type / Charge	kg (oz)		R410A / 2.2 (77.6)	R410A / 2.7 (95.2)	R410A / 4.5 (158.8)	R410A / 5.0 (176.4)

*“1/3 OF THE WORLD’S
AIR CONDITIONERS
ARE **GREE**-MADE.”*



INDOOR UNITS

To allow you to tailor your comfort solution, the **Free Match Extreme** heating and cooling system can combine up to 5 indoor units from an assortment of mini floor consoles, slim ducts and ceiling cassettes (see the **Free Match** brochure for technical data on these products) as well as wall-mounted units from the following ranges:



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.



EXTREME SERIES

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



CROSSOVER SERIES

As one of the only heat pumps that can heat in extreme temperatures, it is your ally in dealing with our cold Canadian climates.



Remote control YV1FB7F (included) Wired thermostat XE-41 (in option)



Remote control YAG1FBF (included) Wired thermostat XE-41 (in option)



Remote control YAP1F (included) Wired thermostat XE-71 (in option)

- G10 Inverter technology
- Optional WiFi module
- Swing louver control
- Multiple fan speed
- Adjustable LED display
- Control lock
- Washable dust filters

- Ultra Heat technology
- G10 Inverter technology
- WiFi control (GREE+ ap)
- Swing louver control
- Multiple fan speed
- Adjustable LED display
- Control lock
- Washable dust filters

- G10 Inverter technology
- WiFi control (GREE+ ap)
- Swing louver control
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- Adjustable LED display
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LOMO 23 WALL-MOUNT UNIT			GWH09QC-D3DNA5D/I	GWH12QC-D3DNA5D/I	GWH18QC-D3DNA5G/I	GWH24QE-D3DNA5D/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (supplied by the outdoor unit)			
Capacity	Cooling	BTU/hr	9000 (3100 – 9600)	12000 (3100 – 13000)	18000 (6800 – 20000)	22000 (6824 – 27296)
	Heating	BTU/hr	11000 (1911 – 12000)	13000 (2400 – 14000)	19800 (7340 – 23500)	23000 (6824 – 30708)
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	m ³ /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)
Weight	Net / Gross	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)

EXTREME WALL-MOUNT UNIT			GWH09AAD-D3DNA2B/I	GWH12AAD-D3DNA2A/I	GWH18AAE-D3DNA2A/I	GWH24AAE-D3DNA2A/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (supplied by the outdoor unit)			
Capacity	Cooling	BTU/hr	9000 (1535 – 12966)	12200 (3071 – 18766)	18000 (4094 – 21837)	22000 (6800 – 30700)
	Heating	BTU/hr	9000 (2388 – 13648)	12000 (2900 – 15354)	18000 (4094 – 24566)	24000 (6800 – 32000)
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	m ³ /hr (CFM)		720/650/500/450/350 (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)
Weight	Net / Gross	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)

CROSSOVER WALL-MOUNT UNIT			GWH09AGC-D3DNA2B/I	GWH12AGC-D3DNA2A/I	GWH18AGD-D3DNA2B/I	GWH24AGE-D3DNA2A/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (supplied by the outdoor unit)			
Capacity	Cooling	BTU/hr	9100 (2457 – 10748)	12000 (3071 – 14100)	18000 (5118 – 23202)	22000 (3400 – 28500)
	Heating	BTU/hr	11000 (2593 – 13307)	12000 (3071 – 15500)	18200 (5800 – 23543)	24000 (4300 – 33600)
Moisture Removal Capacity	L/hr (pt/hr)		0.80 (1.69)	1.40 (2.96)	1.80 (3.80)	2.40 (5.07)
Airflow Volume	m ³ /hr (CFM)		600/550/500/450/350/330 (353/324/294/265/235/206/194)	680/620/560/490/450/420/390 (400/365/330/288/265/247/230)	1050/900/800/750/700/650/600 (618/530/471/441/412/383/353)	1400/1000/970/850/800/750/680 (824/588/571/500/471/441/400)
Sound Pressure Level	dB(A)		40 / 37 / 35 / 32 / 29 / 26 / 25	43 / 38 / 35 / 33 / 31 / 29 / 27	46 / 42 / 40 / 38 / 36 / 34 / 31	53 / 45 / 44 / 41 / 39 / 37 / 35
Dimensions	W x H x D	mm (in)	825 x 293 x 196 (32-1/2 x 32-1/2 x 11-1/2)	825 x 293 x 196 (32-1/2 x 32-1/2 x 11-1/2)	982 x 311 x 221 (38-5/8 x 12-1/4 x 8-3/4)	1075 x 333 x 246 (42-5/16 x 13-1/8 x 9-11/16)
Weight	Net / Gross	kg (lb)	9.5 / 11.5 (20.9 / 25.4)	9.5 / 11.5 (20.9 / 25.4)	13.5 / 16.0 (35.3 / 29.8)	16.0 / 19.0 (35.3 / 41.9)

COMFORT EXPERTS AND WORLD-CLASS HEAT PUMPS

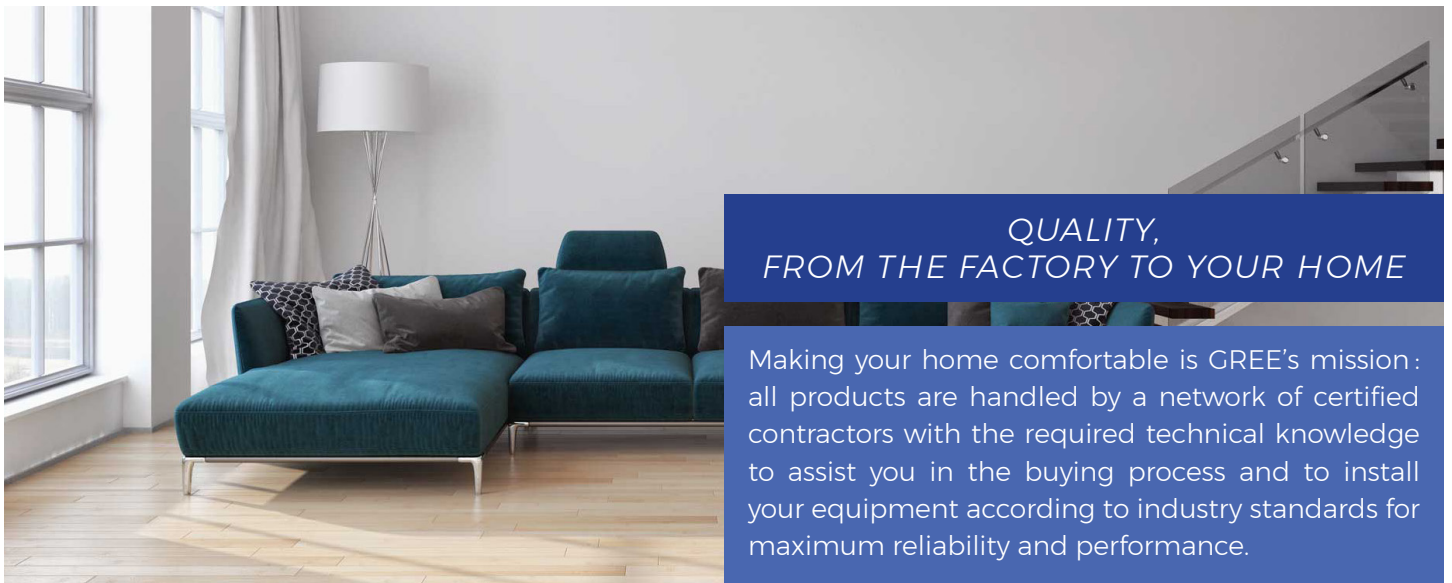
GREE Electric Appliances Inc. is the world's largest manufacturer of air conditioning and heating units.

Wherever you go, on every continent, you will meet people who experience **GREE** comfort. In fact, 1 in 3 air conditioners sold worldwide is made by **GREE**. Think about it: it would be impossible to reach a 33% market share without a series of high quality control testing, innovative technologies and proven reliability.



3,000 PATENTS, 300 LABS, 3 RESEARCH CENTRES, 5,000 ENGINEERS

Recognized as a world leader, **GREE** has earned this title with its advanced technology and innovation. Research and development are at the heart of the company's operations: **GREE** designs, develops and manufactures the various components of its products and thanks to specialized research institutes and product development centres, **GREE** is able to ensure the quality, consistency, reliability and energy efficiency of each of its products.



*Affordable comfort you
can trust from the world's
largest manufacturer of air
conditioners.*



GREE Canada products are subject to continuous improvements. **GREE Canada** reserves the right to modify product design, specifications and information without notice and without incurring obligations.

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