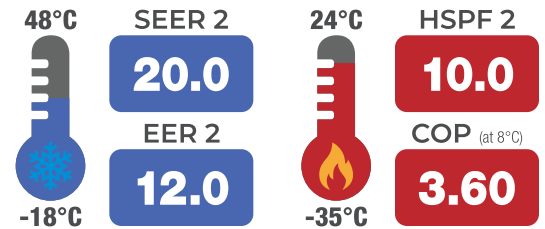




MULTI-ZONE SYSTEM
FREE MATCH
EXTREME *Ultra Heat*
SERIES



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
- COMPACT DESIGN
- WIRED CONTROLLER
- INCLUDED FUNCTION
- OPTIONAL FUNCTION

- 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



CONDENSING UNITS			GWHD(18)ND3J/O	GWHD(24)ND3J/O	GWHD(36)ND3J/O	GWHD(42)ND3J/O				
AHRl 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	1,450		1,760		4,020		4,660	
	Heating	W	1,710		2,090		3,300		3,600	
SEER 2 (without / with duct)		BTU/W*hr	20.0 / 14.5		20.0 / 14.5		16.0 / 14.5		16.0 / 14.5	
EER 2 (without / with duct)		BTU/W*hr	12.0 / 8.5		12.0 / 8.5		9.0 / 8.0		9.0 / 8.0	
HSPF 2 (without / with duct)		BTU/W*hr	10.0 / 7.8		10.0 / 7.8		8.6 / 7.6		8.6 / 7.6	
COP		W/W	3.60		3.60		3.21		3.40	
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)		mm (in) 1003 x 790 x 417 (39-31/64 x 31-7/64 x 16-13/32)		mm (in) 1095 x 1103 x 440 (43-7/64 x 43-27/64 x 17-21/64)		mm (in) 1095 x 1103 x 440 (43-7/64 x 43-27/64 x 17-21/64)	
Weight		Net / Gross	kg (lb) 78.0 / 83.0 (172.0 / 183.0)		kg (lb) 79.0 / 84.0 (174.2 / 185.2)		kg (lb) 127.0 / 135.0 (280.0 / 297.7)		kg (lb) 128.0 / 136.0 (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)	

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 as well as wall-mounted units from the following ranges:



LOMO 23 SERIES

Slim, stylish and elegant, this indoor unit brings dramatic new performance and style to every room.



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.



EXTREME 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.



Remote Control
YV1FB7F



IN OPTION
Wired Thermostat
XE-41

- G10 Inverter technology
- Adjustable LED display
- Swing louver control
- Multiple fan speed



Remote control
YAP1F



IN OPTION
Wired Thermostat
XE-71

- G10 Inverter technology
- Wi-Fi control (GREE+ app)
- Adjustable LED display
- Swing louver control
- Multiple fan speed



Remote Control
YAG1FBF



IN OPTION
Wired Thermostat
XE-41

- G10 Inverter technology
- Wi-Fi control (GREE+ app)
- Adjustable LED display
- Swing louver control
- Multiple fan speed

LOMO 23 WALL-MOUNT UNIT			GWH09QC-D3DNA5D/I	GWH12QC-D3DNA5D/I	GWH18QD-D3DNA5G/I	GWH24AAE-D3DNA2A/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	m ³ /hr (CFM)		640 / 490 / 410 / 290 (377 / 288 / 241 / 171)	680 / 490 / 410 / 290 (400 / 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 (38-13/64 x 11-13/16 x 8-13/16)	1078 x 325 x 246 (42-7/16 x 12-51/64 x 9-11/16)
Weight	Net / Gross	kg (lb)	10.0 (22.1) / 12.0 (26.46)	10.0 (22.1) / 12.0 (26.46)	12.5 (27.6) / 15.5 (34.2)	15.5 (34.2) / 19.0 (41.9)

CROSSOVER WALL-MOUNT UNIT			GWH09AGCXD-D3DNA2A/I	GWH12AGCXD-D3DNA2A/I	GWH18AGDXF-D3DNA2A/I	GWH24AGEXH-D3DNA2A/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (supplied by the outdoor unit)			
Capacity	Cooling	BTU/hr	9,100 (1,535 – 10,748)	12,000 (3,071 – 14,098)	18,000 (5,118 – 21,154)	22,000 (8,870 – 28,000)
	Heating	BTU/hr	10,500 (3,412 – 14,672)	12,000 (3,071 – 15,501)	18,000 (5,118 – 21,154)	24,000 (7,200 – 30,708)
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)		600/550/500/450/400/300/270 (353/324/294/265/235/177/159)	680/620/560/490/450/420/390 (400/365/330/288/265/247/230)	1000/850/750/700/650/600/550 (589/500/441/412/383/353/324)	1250/1000/900/800/750/700/650 (736/588/530/471/441/412/383)
Sound Pressure Level	dB(A)		40 / 37 / 35 / 32 / 29 / 26 / 25	43 / 38 / 36 / 34 / 32 / 30 / 27	49 / 43 / 41 / 40 / 37 / 33 / 29	52 / 44 / 42 / 39 / 38 / 36 / 34
Dimensions	W x H x D	mm (in)	825 x 293 x 196 (32-1/2 x 11-1/2 x 7-11/16)	825 x 293 x 196 (32-1/2 x 11-1/2 x 7-11/16)	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)

EXTREME WALL-MOUNT UNIT			GWH09AAD-D3DNA2B/I	GWH09AAD-D3DNA2B/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	9,000 (1,535 – 12,966)	12,000 (2,900 – 15,354)	18,000 (4,094 – 21,837)	22,000 (6,800 – 30,700)
	Heating	BTU/hr	9,000 (2,388 – 13,648)	12,200 (3,071 – 18,766)	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	m ³ /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)		46 / 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 (38-3/16 x 11-13/16 x 8-55/64)	970 x 300 x 225 (38-3/16 x 11-13/16 x 8-55/64)	1101 x 327 x 249 (43-11/32 x 12-7/8 x 9-13/16)	1080 x 325 x 245 (42-33/64 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)	16.0 / 19.5 (35.3 / 43.0)

INDOOR UNITS (CONTINUATION)



MINI FLOOR CONSOLE

The mini-console is aesthetically pleasing and the perfect size for any room. It can be installed 15 cm (6 inches) off the floor and its front panel allows access to the filter for easy cleaning.



CEILING CASSETTE

The ceiling cassette offers discreet performance through an innovative design. It is suitable for any room and can be easily installed in ceilings, leaving only a decorative grille visible.



SLIM DUCT

The slim duct (high or low static) offers an extremely discreet and compact solution. In addition, this indoor unit frees up a maximum amount of space to minimize the impact on decor.



Remote Control
YT1FF



Remote control
YT1FF



IN OPTION

Wired Thermostat
XK-19



Wired Thermostat
XK-19

- 4-way discharge air
- Multiple fan speed
- Swing louver control
- Comfortable Sleep mode
- Dry coil mode for anti-mildew protection
- Washable dust filters

- Decorative grille (included)
- 4-way discharge air
- Multiple fan speed
- Control lock
- Swing louver control
- Recovery after a power failure
- Internal condensate drain pump
- Sentry float switch
- Washable dust filters

- Low static pressure capability (for low static ducts)
- High static pressure capability (for high static ducts)
- Alternate return air from bottom or rear
- Internal condensate drain pump
- Sentry float switch
- Slim line construction (7-7/8" high)

MINI FLOOR CONSOLE			GEH(09)AA-D3DNA1C/I	GEH(12)AA-D3DNA1C/I	GEH(18)AA-D3DNA1C/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (powered by the outdoor unit)		
Capacity	Cooling	BTU/hr	8,873	11,946	18,089
	Heating	BTU/hr	9,556	12,969	19,795
Moisture Removal Capacity	L/hr (pt/hr)		0.80 (1.69)	1.40 (2.96)	1.80 (3.80)
Airflow Volume	m³/hr (CFM)		500 / 430 / 410 / 330 / 280 / 230 (294 / 253 / 241 / 194 / 165 / 147)	600 / 520 / 481 / 400 / 360 / 280 (353 / 306 / 283 / 235 / 212 / 165)	650 / 620 / 550 / 410 / 320 (383 / 365 / 324 / 265 / 241 / 188)
Sound Pressure Level	dB(A)		40 / 38 / 36 / 33 / 30 / 27 / 25	42 / 40 / 38 / 37 / 35 / 32 / 27	48 / 46 / 44 / 41 / 37 / 35 / 32
Dimensions	Width	mm (in)	700 (27-9/16)	700 (27-9/16)	700 (27-9/16)
	Height	mm (in)	600 (23-5/8)	600 (23-5/8)	600 (23-5/8)
	Depth	mm (in)	215 (8-1/2)	215 (8-1/2)	215 (8-1/2)
Weight	Net	kg (lb)	15.0 (33.0)	15.0 (33.0)	15.0 (33.0)
	Gross	kg (lb)	18.0 (40.0)	18.0 (40.0)	18.0 (40.0)

CEILING CASSETTE			GKH(12)EB-D3DNA5A/I	GKH(18)EB-D3DNA5A/I	GKH(24)EC-D3DNA6A/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (powered by the outdoor unit)		
Capacity	Cooling	BTU/hr	12,000	14,400	22,800
	Heating	BTU/hr	13,000	16,000	27,400
Moisture Removal Capacity	L/hr (pt/hr)		1.40 (2.96)	1.80 (3.80)	2.50 (5.28)
Airflow Volume	m³/hr (CFM)		560 / 520 / 450 (330 / 306 / 265)	670 / 590 / 450 (394 / 347 / 265)	1220 / 1100 / 880 (718 / 647 / 518)
Sound Pressure Level	dB(A)		44 / 41 / 38 / 34	47 / 45 / 41 / 35	47 / 45 / 41 / 36
Dimensions	Width	mm (in)	595 (23-1/2)	595 (23-1/2)	840 (33-1/16)
	Height	mm (in)	595 (23-1/2)	595 (23-1/2)	840 (33-1/16)
	Depth	mm (in)	241 (9-1/2)	241 (9-1/2)	241 (9-1/2)
Weight	Net	kg (lb)	20.0 (44.1)	20.0 (44.1)	26.0 (57.3)
	Gross	kg (lb)	24.0 (52.9)	24.0 (52.9)	32.0 (70.6)
DECORATIVE GRILLE SPECIFICATIONS			TF05	TF05	TF06
Dimensions	Width	mm (in)	620 (24-13/32)	620 (24-13/32)	950 (37-13/32)
	Height	mm (in)	620 (24-13/32)	620 (24-13/32)	950 (37-13/32)
	Depth	mm (in)	47.5 (1-7/8)	47.5 (1-7/8)	52 (2-3/64)
Weight	Net	kg (lb)	3.0 (6.6)	3.0 (6.6)	6.0 (13.2)
	Gross	kg (lb)	4.0 (9.9)	4.0 (9.9)	9.5 (20.9)

LOW STATIC SLIM DUCT			GFH(09)EA-D3DNA1A/I	GFH(12)EA-D3DNA1A/I	GFH(18)EA-D3DNA1A/I	GFH(21)EA-D3DNA1A/I	GFH(24)EA-D3DNA1A/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (powered by the outdoor unit)				
Capacity	Cooling	BTU/hr	8,533	11,946	15,359	20,478	24,232
	Heating	BTU/hr	9,556	13,140	18,772	22,526	27,304
Moisture Removal Capacity	L/hr (pt/hr)		0.80 (1.69)	1.40 (2.96)	1.80 (3.80)	2.50 (5.28)	2.50 (5.28)
Airflow Volume	m³/hr (CFM)		450 / 300 / 250 (265 / 177 / 147)	500 / 400 / 300 (294 / 235 / 177)	700 / 600 / 500 (412 / 353 / 294)	1000 / 750 / 550 (589 / 441 / 324)	1000 / 750 / 550 (589 / 441 / 324)
Sound Pressure Level	dB(A)		37 / 34 / 31	39 / 35 / 32	41 / 37 / 33	42 / 38 / 34	42 / 38 / 34
Rated External Static Pressure	Pa (in.w.g)		10 (0.04)	10 (0.04)	10 (0.04)	15 (0.06)	15 (0.06)
Dimensions	Width	mm (in)	700 (27-3/4)	700 (27-3/4)	900 (35-3/8)	1100 (43-3/8)	1100 (43-3/8)
	Height	mm (in)	615 (24-1/4)	615 (24-1/4)	615 (24-1/4)	615 (24-1/4)	615 (24-1/4)
	Depth	mm (in)	200 (7-7/8)	200 (7-7/8)	200 (7-7/8)	200 (7-7/8)	200 (7-7/8)
Weight	Net	kg (lb)	22.0 (48.5)	23.0 (50.7)	27.0 (59.5)	31.0 (68.3)	31.0 (68.3)
	Gross	kg (lb)	27.0 (59.5)	29.0 (63.9)	36.0 (79.4)	41.0 (90.4)	41.0 (90.4)

HIGH STATIC SLIM DUCT			GFH(09)DA-D3DNA1A/I	GFH(12)DA-D3DNA1A/I	GFH(18)DB-D3DNA1A/I	GFH(24)DB-D3DNA1A/I
Power Supply	V/Hz/Ph		208-230 / 60 / 1 (powered by the outdoor unit)			
Capacity	Cooling	BTU/hr	9,000	12,000	18,000	24,000
	Heating	BTU/hr	9,500	13,000	19,000	27,000
Moisture Removal Capacity	L/hr (pt/hr)		0.80 (1.69)	1.40 (2.96)	1.80 (3.80)	2.50 (5.28)
Airflow Volume	m³/hr (CFM)		550 / 430 / 360 / 320 (324 / 253 / 212 / 188)	600 / 490 / 420 / 360 (353 / 288 / 247 / 211)	1000 / 700 / 530 / 490 (588 / 412 / 312 / 288)	1250 / 950 / 770 / 690 (735 / 559 / 453 / 406)
Sound Pressure Level	dB(A)		36 / 30 / 27 / 25	38 / 35 / 30 / 26	39 / 33 / 29 / 26	42 / 36 / 32 / 28
Rated External Static Pressure	Pa (in.w.g)		60 (0.24)	60 (0.24)	90 (0.36)	90 (0.36)
Dimensions	Width	mm (in)	830 (32-43/64)	830 (32-43/64)	1130 (44-31/64)	1130 (44-31/64)
	Height	mm (in)	754 (29-11/16)	754 (29-11/16)	754 (29-11/16)	754 (29-11/16)
	Depth	mm (in)	300 (11-13/16)	300 (11-13/16)	300 (11-13/16)	300 (11-13/16)
Weight	Net	kg (lb)	32.0 (70.6)	32.0 (70.6)	42.0 (92.6)	42.0 (92.6)
	Gross	kg (lb)	38.0 (83.8)	38.0 (83.8)	48.5 (106.9)	48.5 (106.9)



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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