



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

48°C	SEER / SEER2	24°C	HSPF / HSPF2
	23.0 / 20.0		10.5 / 10.0
-18°C	EER / EER2	-35°C	COP (at 8°C)
	12.5 / 12.0		3.6

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			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 / SEER 2 (without / with conduit)		BTU/W*hr	23.0 / 20.0 (14.0 / 14.5)	23.0 / 20.0 (14.0 / 14.5)	23.0 / 16.0 (14.0 / 14.5)	23.0 / 16.0 (14.0 / 14.5)
EER / EER 2 (without / with conduit)		BTU/W*hr	12.5 / 12.0 (8.5 / 8.5)	12.5 / 12.0 (8.5 / 8.5)	9.0 / 9.0 (7.5 / 8.0)	9.0 / 9.0 (7.5 / 8.0)
HSPF / HSPF 2 (without / with conduit)		BTU/W*hr	10.5 / 10.0 (9.0 / 7.8)	10.5 / 10.0 (9.0 / 7.8)	10.0 / 8.6 (9.0 / 7.6)	10.0 / 8.6 (9.0 / 7.6)
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	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	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)

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 (included)



Wired thermostat
XE-41 (in option)



Remote control
YAP1F (included)



Wired thermostat
XE-71 (in option)



Remote control
YAG1FBF (included)



Wired thermostat
XE-41 (in option)

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

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- WiFi control (GREE+ app)
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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	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)	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 (22.05) / 12.0 (26.46)	10.0 (22.05) / 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	9100 (1535 – 10748)	12000 (3071 – 14098)	18000 (5118 – 21154)	22000 (8870 – 28000)
	Heating	BTU/hr	10500 (3412 – 14672)	12000 (3071 – 15501)	18000 (5118 – 21154)	24000 (7200 – 30708)
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	GWH12AAD-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	9000 (1535 – 12966)	12000 (2900 – 15354)	18000 (4094 – 21837)	22000 (6800 – 30700)
	Heating	BTU/hr	9000 (2388 – 13648)	12200 (3071 – 18766)	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)		720/650/600/550/500/450/350 (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 (included)



Remote control
YT1FF (included)



Wired controller
XK-19 (in option)



Wired controller
XK-19 (in option)

- 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		m ³ /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 (33)	15 (33)	15 (33)
	Gross	kg (lb)	18 (40)	18 (40)	18 (40)

CEILING CASSETTE			GKH(12)BB-D3DNA3A/I	GKH(18)BB-D3DNA3A/I	GKH(24)BC-D3DNA4A/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		m ³ /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		m ³ /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 (po)	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 (48.5)	23 (50.7)	27 (59.5)	31 (68.3)	31 (68.3)
	Gross	kg (lb)	27 (59.5)	29 (63.9)	36 (79.4)	41 (90.4)	41 (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		m ³ /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 (70.6)	32 (70.6)	42 (92.6)	42 (92.6)
	Gross	kg (lb)	38 (83.8)	38 (83.8)	48.5 (106.9)	48.5 (106.9)



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