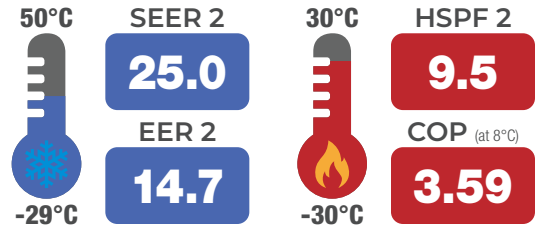


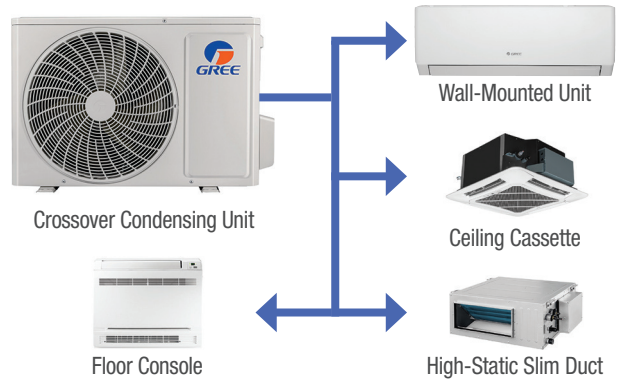


SINGLE ZONE SYSTEM CROSSOVER



FLEXIBILITY, EFFICIENCY AND RELIABILITY AT YOUR SERVICE

The **Crossover** series is the first **GREE** product line to allow single-zone residential installation with various types of indoor units, offering a variety of solutions for your home or office.



HEATING DOWN TO -30°C AND COOLING, TO -29°C

As one of the only heat pumps that can heat or cool in such extreme temperatures, the **Crossover** series is designed to be your comfort ally in our cold Canadian climates. It is the ideal solution for your residential, commercial, or even server room applications.



FEATURES AND BENEFITS:

DEHUMIDIFYING	COMPACT DESIGN	INTELLIGENT PREHEATING	GRADUAL STARTUP	LOW-VOLTAGE START-UP	SLEEP MODE	SELF-DIAGNOSIS	INTELLIGENT DEFROSTING	LED DISPLAY	TIMER	CONTROL LOCK				
TURBO MODE	MULTIPLE FAN SPEED	WI-FI CONTROL	WIRED CONTROLLER	<table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td>INCLUDED FUNCTION</td> <td>OPTIONAL FUNCTION</td> </tr> </table>									INCLUDED FUNCTION	OPTIONAL FUNCTION
INCLUDED FUNCTION	OPTIONAL FUNCTION													



Crossover
Condensing Unit



Remote Control
YAP1F



IN OPTION
Wired Controller
XE-71



Crossover
Wall-Mounted Unit



Temperature display hidden on
the shiny surface.

- G10 Inverter technology
- Wi-Fi control (Crossover wall-mount unit only)
- Precise airflow control
- Low voltage start-up
- Fins with anti-corrosion coating
- Multiple fan speed
- Adjustable LED display
- Washable dust filters
- Heavy gauge steel cabinet
- Eco-friendly R410A refrigerant

CROSSOVER			9000	12000	18000	24000
Indoor Unit:			GWH09AGC-D3DNA2B/I	GWH12AGC-D3DNA2A/I	GWH18AGD-D3DNA2B/I	GWH24AGE-D3DNA2A/I
Outdoor Unit:			GWH09AGC-D3DNA1B/O	GWH12AGC-D3DNA1A/O	GWH18AGD-D3DNA1B/O	GWH24AGE-D3DNA1A/O
AHRI Code:			206395963	206395961	206395962	206335352
Power Supply			V/Hz/Ph 208-230 / 60 / 1			
SYSTEM PERFORMANCE						
Capacity	Cooling	BTU/hr	9,100 (2,457 – 10,748)	12,000 (3,071 – 14,100)	18,000 (5,118 – 23,202)	22,000 (3,400 – 28,500)
	Heating	BTU/hr	11,000 (2,593 – 13,307)	12,000 (3,071 – 15,500)	18,200 (5,800 – 23,543)	24,000 (4,300 – 33,600)
Power Input	Cooling	W	618	923	1,384	1,692
	Heating	W	860	923	1,460	1,846
SEER 2		BTU/W*hr	25.0	25.0	23.0	24.0
EER 2		BTU/W*hr	14.7	12.5	13.0	13.0
HSPF 2		BTU/W*hr	9.5	9.0	8.5	9.5
COP		W/W	3.59	3.63	3.79	3.73
Energy Star®		—	YES	YES	YES	YES
Minimum Circuit Ampacity (MCA)		A	9	10	15	16
Maximum Overcurrent Protection (MOP)		A	15	15	20	25
INDOOR UNIT SPECIFICATIONS			GWH09AGC-D3DNA2B/I	GWH12AGC-D3DNA2A/I	GWH18AGD-D3DNA2B/I	GWH24AGE-D3DNA2A/I
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)	600/550/500/450/400/350/330 (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	Width	mm (in)	825 (32-1/2)	825 (32-1/2)	982 (38-5/8)	1075 (42-5/16)
	Height	mm (in)	293 (11-1/2)	293 (11-1/2)	311 (12-1/4)	333 (13-1/8)
	Depth	mm (in)	196 (7-11/16)	196 (7-11/16)	221 (8-3/4)	246 (9-11/16)
Weight	Net	kg (lb)	9.5 (20.9)	9.5 (20.9)	13.5 (29.8)	16.0 (35.3)
	Gross	kg (lb)	11.5 (25.4)	11.5 (25.4)	16.0 (35.3)	19.0 (41.9)
OUTDOOR UNIT SPECIFICATIONS			GWH09AGC-D3DNA1B/O	GWH12AGC-D3DNA1A/O	GWH18AGD-D3DNA1B/O	GWH24AGE-D3DNA1A/O
Ambient Temperature	Cooling	C° (F°)	-29 to 50 (-20 to 122)			
	Heating	C° (F°)	-30 to 30 (-22 to 86)			
Sound Pressure Level		dB(A)	52	52	57	59
Dimensions	Width	mm (in)	848 (33-3/8)	899 (35-3/8)	965 (38)	1003 (39-1/2)
	Height	mm (in)	596 (23-1/2)	596 (23-1/2)	700 (27-9/16)	790 (31-1/8)
	Depth	mm (in)	320 (12-9/16)	378 (14-7/8)	396 (15-9/16)	427 (16-13/16)
Weight	Net	kg (lb)	33.5 (73.9)	38.0 (83.8)	47.0 (103.6)	56.5 (124.6)
	Gross	kg (lb)	36.5 (80.5)	41.0 (90.4)	51.5 (113.6)	61.5 (135.6)
REFRIGERATION SYSTEM						
Suction Line Size		mm (in)	ø 9.52 (3/8)	ø 12.70 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
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)
Standard Pipe Length		m (ft)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)
Maximum Pipe Length		m (ft)	15 (49.2)	20 (65.6)	30 (98.4)	30 (98.4)
Maximum Pipe Elevation		m (ft)	10 (32.8)	10 (32.8)	20 (65.6)	20 (65.6)
Refrigerant Type / Charge		kg (oz)	R410A / 1.03 (36.30)	R410A / 1.34 (47.30)	R410A / 1.60 (56.40)	R410A / 1.80 (63.50)

OTHER INDOOR UNIT COMBINATIONS

The **Crossover** outdoor unit is also compatible with **Free Match** indoor units such as ductwork and ceiling cassettes, as well as the **LOMO 23** wall-mount indoor unit, thus meeting a variety of demands and providing a good solution to inventory problems.



WALL-MOUNTED UNIT

The **LOMO 23** Series ductless wall-mounted unit has a compact design that blends well with any décor, the perfect option for your home or office needs.

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.

HIGH-STATIC SLIM DUCT

The high-static slim duct 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
YV1FB7F



IN OPTION
Wired Controller
XE-71



Remote Control
YT1FF



IN OPTION
Wired Controller
XK-19



Wired Controller
XK-76

- Multiple fan speed
- Swing louver control
- Turbo mode
- Control lock
- Dry coil mode for anti-mildew protection
- Recovery after a power failure
- 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

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

LOMO 23 WALL-MOUNTED UNIT			9000	12000	18000	24000
Indoor Unit:			GWH09QC-D3DNA5D/I	GWH12QC-D3DNA5D/I	GWH18QD-D3DNA5G/I	GWH24QE-D3DNA5D/I
Outdoor Unit:			GWH09AGC-D3DNA1B/O	GWH12AGC-D3DNA1A/O	GWH18AGD-D3DNA1B/O	GWH24AGE-D3DNA1A/O
AHRI Code:			207318103	206791548	TBD	207169058
Power Supply		V/Hz/Ph	208-230 / 60 / 1			
SYSTEM PERFORMANCE						
Capacity	Cooling	BTU/hr	9,100	12,000	TBD	22,000
	Heating	BTU/hr	11,000	12,000	TBD	24,000
SEER 2		BTU/W*hr	25.0	25.0	TBD	24.0
EER 2		BTU/W*hr	14.7	12.5	TBD	13.0
HSPF 2		BTU/W*hr	9.5	9.0	TBD	9.5
Energy Star®		—	YES	YES	TBD	YES
INDOOR UNIT SPECIFICATIONS			GWH09QC-D3DNA5D/I	GWH12QC-D3DNA5D/I	GWH18QD-D3DNA5G/I	GWH24QE-D3DNA5D/I
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)	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	Width	mm (in)	845 (33-1/4)	845 (33-1/4)	970 (38-3/16)	1078 (42-7/16)
	Height	mm (in)	289 (11-3/8)	289 (11-3/8)	300 (11-13/16)	325 (12-13/16)
	Depth	mm (in)	209 (8-1/4)	209 (8-1/4)	224 (8-13/16)	246 (9-11/16)
Weight	Net	kg (lb)	10.0 (22.1)	10.0 (22.1)	12.5 (27.6)	15.5 (34.2)
	Gross	kg (lb)	12.0 (26.5)	12.0 (26.5)	15.5 (34.2)	19.0 (41.9)

CEILING CASSETTE			12000	18000	24000
Indoor Unit:			GKH(12)BB-D3DNA3A/I	GKH(18)BB-D3DNA3A/I	GKH(24)BC-D3DNA4A/I
Outdoor Unit:			GWH12AGC-D3DNA1A/O	GWH18AGD-D3DNA1B/O	GWH24AGE-D3DNA1A/O
AHRI Code:			206913030	207178474	206913033
Power Supply		V/Hz/Ph	208-230 / 60 / 1		
SYSTEM PERFORMANCE					
Capacity	Cooling	BTU/hr	12,000	18,000	22,000
	Heating	BTU/hr	12,000	18,200	24,000
SEER 2		BTU/W*hr	24.0	19.5	20.0
EER 2		BTU/W*hr	12.5	9.55	12.0
HSPF 2		BTU/W*hr	8.5	8.0	9.5
Energy Star®		—	YES	NO	NO
INDOOR UNIT SPECIFICATIONS			GKH(12)BB-D3DNA3A/I	GKH(18)BB-D3DNA3A/I	GKH(24)BC-D3DNA4A/I
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 (33-5/64)
	Height	mm (in)	595 (23-1/2)	595 (23-1/2)	840 (33-5/64)
	Depth	mm (in)	241 (9-1/2)	241 (9-1/2)	240 (9-7/16)
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			TC03	TC03	TC04
Dimensions	Width	mm (in)	670 (26-3/8)	670 (26-3/8)	950 (37-3/8)
	Height	mm (in)	670 (26-3/8)	670 (26-3/8)	950 (37-3/8)
	Depth	mm (in)	50 (2)	50 (2)	60 (2-3/8)
Weight	Net	kg (lb)	1.4 (3.5)	1.4 (3.5)	3.2 (7.0)
	Gross	kg (lb)	2.3 (5.0)	2.3 (5.0)	5.0 (11.0)

HIGH STATIC SLIM DUCT			9000	12000	18000	24000
Indoor Unit:			GFH(09)DA-D3DNA1A/I	GFH(12)DA-D3DNA1A/I	GFH(18)DB-D3DNA1A/I	GFH(24)DB-D3DNA1A/I
Outdoor Unit:			GWH09AGC-D3DNA1B/O	GWH12AGC-D3DNA1A/O	GWH18AGD-D3DNA1B/O	GWH24AGE-D3DNA1A/O
AHRI Code:			207168479	206913029	207178473	206913032
Power Supply		V/Hz/Ph	208-230 / 60 / 1			
SYSTEM PERFORMANCE						
Capacity	Cooling	BTU/hr	9,100	12,000	18,000	22,000
	Heating	BTU/hr	11,000	12,000	18,200	24,000
SEER 2		BTU/W*hr	20.4	20.0	15.0	20.0
EER 2		BTU/W*hr	14.2	11.8	8.85	12.5
HSPF 2		BTU/W*hr	9.5	8.5	7.5	9.0
Energy Star®		—	YES	NO	NO	NO
INDOOR UNIT SPECIFICATIONS			GFH(09)DA-D3DNA1A/I	GFH(12)DA-D3DNA1A/I	GFH(18)DB-D3DNA1A/I	GFH(24)DB-D3DNA1A/I
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)	450 / 300 / 250 (265 / 177 / 147)	500 / 400 / 300 (294 / 235 / 177)	700 / 600 / 500 (412 / 353 / 294)	1000 / 750 / 550 (589 / 441 / 324)
Sound Pressure Level		dB(A)	37 / 34 / 31	39 / 35 / 32	41 / 37 / 33	42 / 38 / 34
Rated External Static Pressure		Pa (in.w.g)	10 (0.04)	10 (0.04)	10 (0.04)	15 (0.06)
Dimensions	Width	mm (in)	700 (27-3/4)	700 (27-3/4)	900 (35-3/8)	1100 (43-3/8)
	Height	mm (in)	615 (24-1/4)	615 (24-1/4)	615 (24-1/4)	615 (24-1/4)
	Depth	mm (in)	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)	2.07 (59.5)	31.0 (68.3)
	Gross	kg (lb)	27.0 (59.5)	29.0 (63.9)	36.0 (79.4)	41.0 (90.4)



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.

Authorized dealer