



Lomo Plus

Ductless Single Zone Heat Pump



Performance up to



Up to



Features

Operation mode
Nominal capacity
Voltage
Indoor unit

Outdoor unit

Connection piping

Control

Warranty

Application

- Cooling, heating, dehumidifying, fan and auto.
- 9000, 12000, 18000, 24000 BTU/hr.
- 230/208V, 60 Hz, 1-phase.
- High wall installation, dual side connection.
- Plastic housing, standard white.
- 7-speed cross-flow fan (auto, turbo, high, medium-high, medium, low and very low).
- Washable filters.
- Variable speed rotary compressor (INVERTER), with overload protection.
- Electronic expansion valve for precise control of refrigerant flow.
- Condenser fins covered with a hydrophilic coating for improved corrosion resistance.
- Large diameter quiet axial-flow fan for more efficient heat exchange.
- Smart pan heater to prevent ice formation.
- Compressor blanket and preheating technology.
- Minimum piping length of 10 ft. (3 m).
- Flared connections.
- Wireless remote included.
- Wired wall controller available.
- Wi-Fi (optional).
- Sinopé interface (optional HP6000ZB-GE and GT130 required).
- Set temperature: 16 to 30 °C (61 to 86 °F).
- Temperature display format: °C or °F.
- **10+2 year parts and 10+2 year compressor basic warranty (labor not included).***
- Dining room-kitchen, living room, family room, commercial building, office building, condo, restaurant.

Includes



Optional



*10 year standard warranty. Additional 2 year extended warranty when product is registered and/or proof of installation

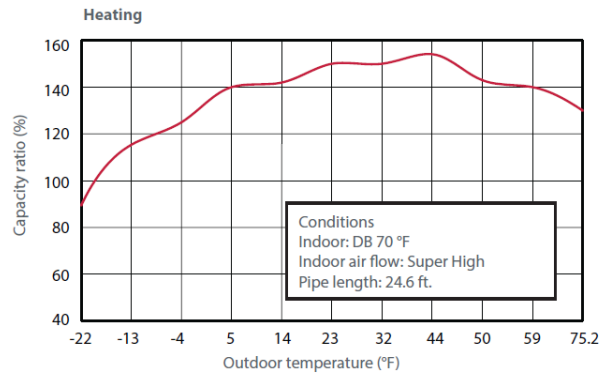
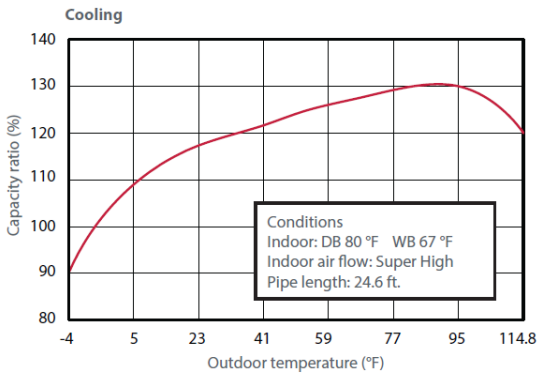
Models

Product # ¹	Indoor Unit		GWH09QD-D3DNE6B/I	GWH12QD-D3DNE6A/I	GWH18QE-D3DND6A/I	GWH24QE-D3DND6L/I
	Outdoor Unit		GWH09ACD-D3DNA1A/O	GWH12YD-D3DNA1A/O	GWH18YE-D3DNA1A/O	GWH24YE-D3DNA1A/O
Qty						
Technical Performance						
Voltage		Volts	230/208	230/208	230/208	230/208
Cooling capacity	Nominal	W (BTU/hr)	2638 (9000)	3517 (12000)	5276 (18000)	6450 (22000)
	Min. – max.	W (BTU/hr)	450 - 3800 (1535 - 12966)	850 - 4500 (2900 - 15354)	1200 - 6400 (4094 - 21837)	2000 - 9000 (6800 - 30700)
Heating capacity	Nominal	W (BTU/hr)	2638 (9000)	3575 (12200)	5276 (18000)	7000 (24000)
	Min. – max.	W (BTU/hr)	700 - 4000 (2388 - 13648)	900 - 5500 (3071 - 18766)	1200 - 7200 (4094 - 24566)	2000 - 9500 (6800 - 32000)
Used cooling power input	Nominal	W	540	785	1330	1700
	Min. – max.	W	50 - 1400	75 - 1500	350 - 2500	450 - 3700
Used heating power input	Nominal	W	590	940	1500	2000
	Min. – max.	W	200-1500	250 - 1600	350 - 2500	380 - 3700
Used rated input		W	1500	1600	2500	3700
Rated current		A	6.2	6.5	10.8	16.4
MCA		A	9	9	22	22
Max. over-current protection (MOCP)		A	15	15	30	35
SEER2 (SEER)		-	27(38)	24(30.5)	22(24.5)	21.5(21.5)
HSPF2 (HSPF)		-	11(15)	8.5(14)	10(12)	9.5(12)
EER		W/W	4.84	4.48	3.97	3.81
COP		W/W	4.47	3.8	3.52	3.5
AHRI number		-	202360989	9116197	9102074	9102794
ENERGY STAR		-	✓	✓	✓	✓
Indoor Unit						
Dehumidification		pt/hr (l/hr)	1.69 (0.80)	2.96 (1.40)	3.80 (1.80)	5.20 (2.50)
Air flow volume		cfm	424 / 383 / 353 / 324 / 294 / 265 / 206	500 / 471 / 441 / 353 / 324 / 265 / 235	736 / 677 / 618 / 559 / 500 / 457 / 353	824 / 765 / 706 / 647 / 589 / 500 / 383
Sound level		dB (A)	43 / 40 / 38 / 36 / 33 / 31 / 19	49 / 46 / 43 / 40 / 37 / 34 / 22	51 / 48 / 45 / 42 / 39 / 36 / 34	52 / 49 / 46 / 43 / 40 / 37 / 34
Fan motor power output		W	60	60	60	70
Fan motor RLA		A	0.09	0.09	0.24	0.38
Deflector stepper motor power output		W	2.5 / 1.5	2.5 / 1.5	2.5 / 1.5	2.5
Net weight		lb (kg)	29.8 (13.5)	29.8 (13.5)	36.4 (16.5)	36.4 (16.5)
Outdoor Unit						
Air flow volume		m ³ /hr	2400	2400	2354	4000
Sound level		dB (A)	53	53	59	59
Compressor power input		W	1070	1070	2443	2443
Compressor LRA		A	35	35	30	30
Compressor RLA		A	6.9	6.9	15.5	16
Fan motor power output		W	30	30	90	90
Fan motor RLA		A	0.24	0.24	0.65	0.65
Refrigerant volume (R410A)		oz (g)	45.9 (1301)	49.4 (1400)	70.6 (2101)	81.1 (2299)
Net weight		lb (kg)	99.2 (45)	99.2 (45)	141.1 (64)	147.7 (67)
Operating ambient temperature	Cooling	°C (°F)	-18 to 54 (0 to 129)			
	Heating	°C (°F)				
Connection Piping/Refrigerant						
Pre-charge length		ft. (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)
Additional refrigerant charge		oz/ft. (g/m)	0.2 (20)	0.2 (20)	0.5 (505)	0.5 (50)
Liquid pipe outer diameter		in.	1/4	1/4	1/4	1/4
Gas pipe outer diameter		in.	1/2	1/2	5/8	5/8
Maximum height difference		ft. (m)	49 (15)	49 (15)	66 (20)	98 (30)
Maximum total length		ft. (m)	98 (30)	98 (30)	100 (30)	164 (50)

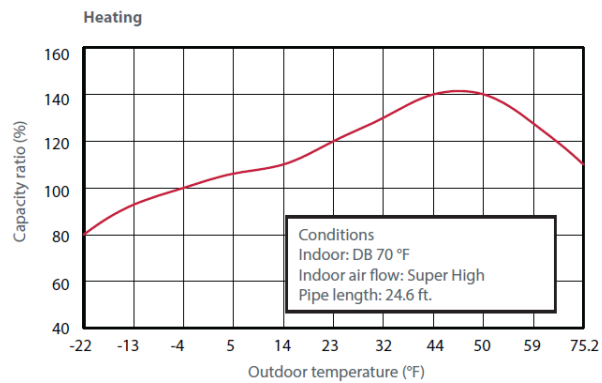
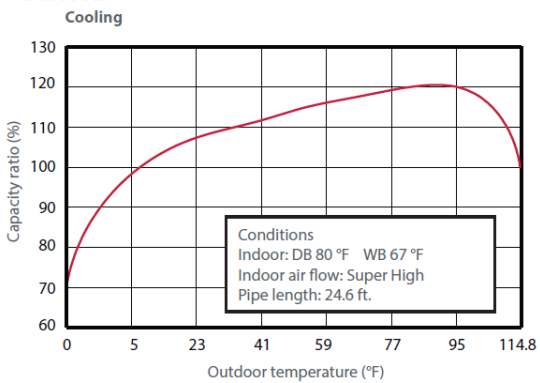
¹ 1 indoor unit and 1 outdoor unit. Note that each unit is individually packaged.

Capacity Variation Ratio According to Temperature

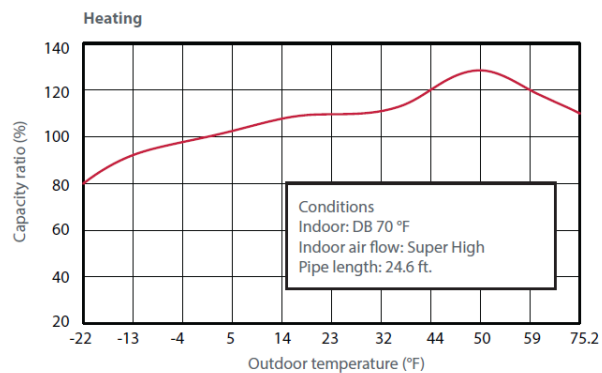
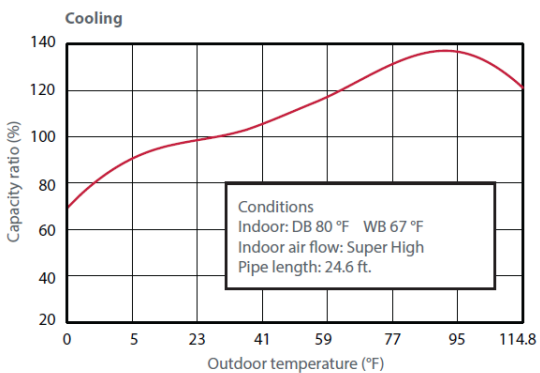
GWH09



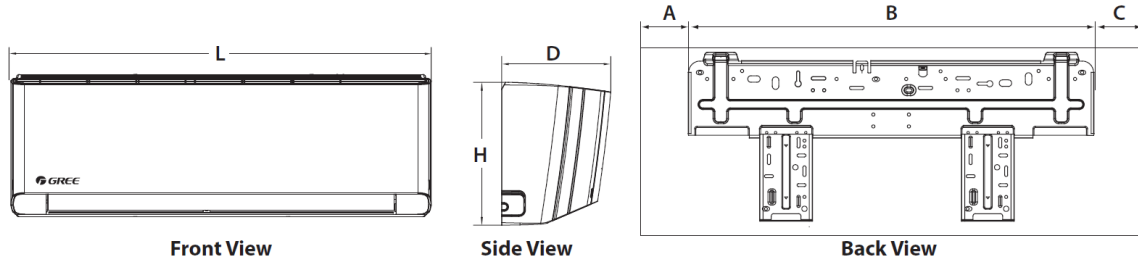
GWH12



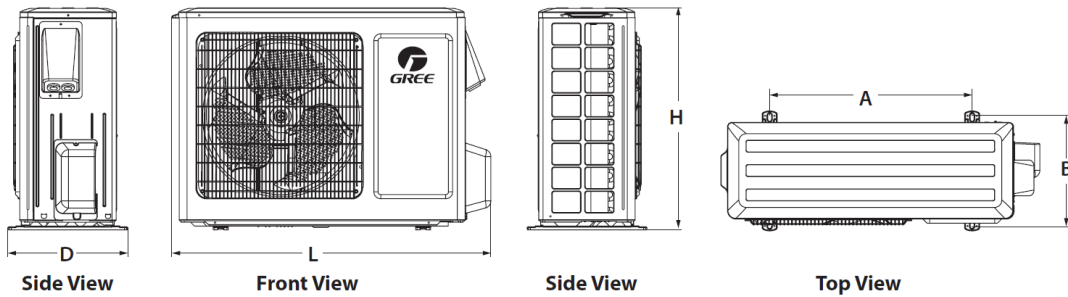
GWH18 & GWH24



Indoor Unit



Outdoor Unit



Indoor Unit	L		H		D		A		B		C	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
GWH09QD-D3DNE6B/I GWH12QD-D3DNE6A/I	39 3/16	970	11 7/8	302	8 7/8	225	4 5/8	117	27	685	7 5/8	194
GWH18QE-D3DNE6A/I GWH24QE-D3DNE6L/I	43 3/8	1078	12 7/8	325	9 13/16	246	8 9/16	217	26 15/16	684	7 7/8	199

Outdoor Unit	L		H		D		A		B	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
GWH09ACD-D3DNA1A/O GWH12YD-D3DNA1A/O	35 3/8	899	23 1/2	596	14 7/8	378	21 11/16	550	13 1/2	343
GWH18YE-D3DNA1A/O GWH24YE-D3DNA1A/O	38 5/8	1000	31 1/8	790	16 13/16	427	24	610	15 9/16	395

Specifications may change without prior notice

Project:	Approval Information
Consultant Engineer:	
Electrical Contractor:	
Distributor:	
Date:	
Contact at Airtek:	
Comments:	