



Change for Life

Submittal Data : IDU/ODU Gree wall type Heat Pump System (Lomo Plus) GWH24QE-D3DND6L/I GWH24YE-D3DNA1A/O

Job Name : Date :

Engineer : Submitted to :

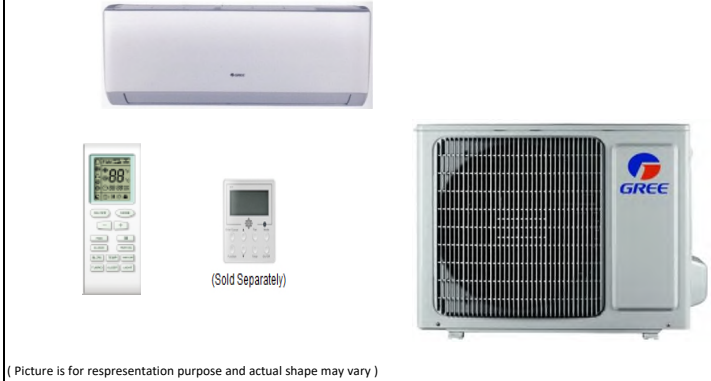
Location : Submitted by :

Tag # : Schedule / Drawing # :

For : Reference Approval Construction

GENERAL FEATURES

- * Compact and Quote Design
- * Wireless Remote with LCD Display
- * Wired Controller (Optional)
- * Wifi Control capability
- * Power supply from Outdoor unit
- * Auto Swing (Vertical & Horizontal Auto Swing)
- * Low ambient temperature
- * Intelligent Defrost
- * Refrigerant 410a
- * Electronic expansion valve
- * 10 years unlimited parts warranty



(Picture is for representation purpose and actual shape may vary)

Cooling Indoor Unit Data

Rated Capacity	22,000 Btu/h	Air Flow Volume	1400/1300/1100/850/650	m ³ /h
Capacity Range	6,800 30,700 Btu/h	Sound Pressure Level	54/49/43/37/34	dB(A)
Power Input (Max)	3,700 W	Fan motor output power	70	W
SEER	21.50	Fan motor RLA	0.38	A
HSPF	12.00			

Heating Outdoor Unit Data

Heating Capacity	24,000 Btu/h	Power supply	208~230V / 60Hz/ 1Ph	
Capacity Range	6,800 32,000 Btu/h	Compressor RLA	16.0	A
Power Input (Max)	3,700 W	Sound Pressure Level	59	dB(A)
COP	3.50 W/W	MOCP	35	A
EER	3.81 W/W	MCA	22	A
Set Temperature Range	16 ~ 30 °C	Ambient temp range cooling /heating °C	-18~54	-30~24

Physical & Piping

Indoor Unit			
Unit Dimensions (LxHxD) MM	1078×325×246	Max. Height Distance	98.4 ft
Weight	44 lb	Minimum / Maximum length	10 ft / 164 ft
Outdoor Unit		Pre Charged refrigerant	70 oz - good for 24 ft - R410a
Unit Dimensions (LxHxD) MM	980×790×427	Add. Refrigerant Charge	0.5 Oz/ft
Weight	150 lb	Liquid/Gas Line connection	1/4 in & 5/8 in



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Manufacturer has right to change the data without notice, please refer to the name plate of the unit.



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EXTENDED RATINGS						
COOLING PERFORMANCE (BtuH)*						
Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures					
	68°F DB		73°F DB		80°F DB	
	57°F WB		61°FWB		67°FWB	
	TC	SHC	TC	SHC	TC	SHC
0°F	13521	10599	14165	11104	15894	12459
5°F	14036	11008	14828	11625	16735	13125
14°F	14395	11291	15202	11922	17373	13623
23°F	15378	12063	16449	12902	18847	14782
32°F	18649	14626	19947	15643	21846	17129
41°F	21120	16565	22440	17597	23980	18808
50°F	20871	16371	22198	17411	23760	18637
59°F	20357	15963	21677	17003	23540	18466
68°F	19844	15562	21164	16602	23100	18117
77°F	19338	15168	20651	16193	22660	17775
86°F	18692	14661	19998	15682	21896	17176
95°F	18781	14730	20093	15755	22000	17255
104°F	17769	13936	19035	14930	21054	16515
113°F	16450	12902	17652	13846	19724	15473
122°F	14879	11668	16001	12544	17925	14055
129°F	13775	10803	14693	11522	16530	12967
HEATING PERFORMANCE (BtuH)*						
Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures					
	68°F DB		73°F DB		80°F DB	
	57°FWB		61°FWB		67°FWB	
	TC	SHC	TC	SHC	TC	SHC
-22°F	14194		13955		13699	
-13°F	18752		18437		18098	
-4°F	23362		22969		22547	
0°F	24013		23614		23161	
6°F	24233		23826		23379	
10°F	24726		24313		23851	
16°F	25215		24795		24313	
19°F	25697		25277		24782	
24°F	25909		25517		25080	
32°F	26103		25750		25356	
41°F	27424		27102		26723	
43°F	27972		27642		27276	
47°F	29278		28771		28191	
53°F	29568		29052		28472	
59°F	30248		29713		29115	
64°F	30891		30347		29740	
70°F	31470		30927		30302	
75°F	31914		31353		30728	
78°F	32360		31790		31156	
* Maximum system capacity						
TC- Total Capacity (BtuH)						
SHC- Sensible Capacity (BtuH)						



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8. Installation

8.1 Installation Dimension Diagram

