



Change for Life

Submittal Data : IDU/ODU Gree wall type Heat Pump System (Lomo Plus) GWH18QE-D3DND6A/I GWH18YE-D3DNA1A/O

Job Name : Date :

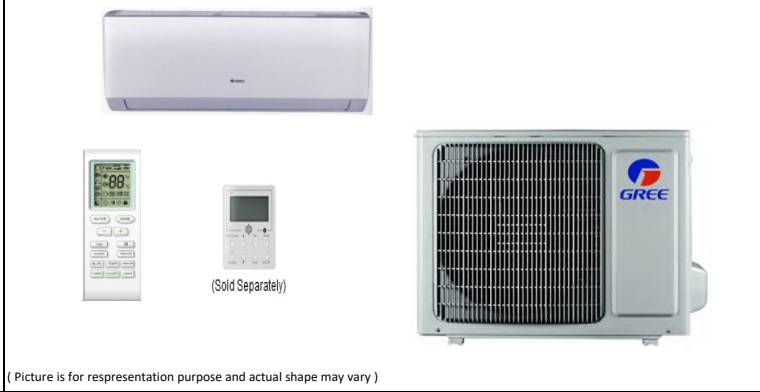
Engineer : Submitted to :

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



Cooling		Indoor Unit Data		
Rated Capacity	18,000 Btu/h	Air Flow Volume	1250/1150/950/780/600	m ³ /h
Capacity Range	4,094 21,836 Btu/h	Sound Pressure Level	51/48/42/36/34	dB(A)
Power Input (Max)	2,500 W	Fan motor output power	60	W
SEER	24.50	Fan motor RLA	0.24	A
HSPF	12.00			

Heating		Outdoor Unit Data		
Heating Capacity	18,000 Btu/h	Power supply	208~230V / 60Hz/ 1Ph	
Capacity Range	4,094 24,566 Btu/h	Compressor RLA	15.5	A
Power Input (Max)	2,500 W	Sound Pressure Level	59	dB(A)
COP	3.52 W/W	MOCP	30	A
EER	3.97 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	65 ft
Weight	44 lb	Minimum / Maximum length	10 ft / 98.40 ft
Outdoor Unit			
Unit Dimensions (LxHxD) MM	980×790×427	Pre Charged refrigerant	70 oz - good for 24 ft - R410a
Weight	141 lb	Add. Refrigerant Charge	0.5 Oz/ft
		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)	Indoor Entering Air Temperatures					
	68°F DB		73°F DB		80°F DB	
	57°FFWB		61°FFWB		67°FFWB	
	TC	SHC	TC	SHC	TC	SHC
0°F	8866	6585	9288	7023	10609	8187
5°F	10366	8085	10788	8523	12109	9687
14°F	11804	9207	12500	9875	13834	11067
23°F	12749	9944	13851	10942	15671	12537
32°F	13249	10334	14339	11328	16276	13021
41°F	13902	10843	14927	11792	16608	13287
50°F	14873	11601	15848	12520	17182	13746
59°F	15755	12289	16905	13355	17643	14115
68°F	16239	12667	17382	13732	18241	14593
77°F	16904	13185	18104	14302	19025	15220
86°F	16449	12830	17708	13990	18645	14916
95°F	15825	12343	17269	13642	18196	14557
104°F	15503	12093	17139	13540	18083	14467
113°F	15121	11794	14707	11619	17988	14390
122°F	14958	11667	15259	12054	17133	13706
129°F	14103	10812	14404	11199	16278	12851
HEATING PERFORMANCE (BtuH)*						
Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures					
	68°F DB		73°F DB		80°F DB	
	57°FFWB		61°FFWB		67°FFWB	
	TC	SHC	TC	SHC	TC	SHC
-22°F	10048		9645		9339	
-13°F	13482		13079		12773	
-4°F	17398		16995		16689	
0°F	18239		17836		17530	
6°F	20634		20167		19693	
10°F	21509		21007		20700	
16°F	23470		23168		22861	
19°F	24225		23930		23562	
24°F	24337		24035		23928	
32°F	24600		24298		24092	
41°F	24908		24590		22183	
43°F	25072		24770		24463	
47°F	24315		24012		23806	
53°F	23502		23199		22993	
59°F	22792		22510		22333	
64°F	21673		21470		21164	
70°F	20433		20190		19964	
75°F	19229		18977		18770	
78°F	18674		18239		17937	
* Maximum system capacity						
TC- Total Capacity (BtuH)						
SHC- Sensible Capacity (BtuH)						



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8. Installation

8.1 Installation Dimension Diagram

