

**Submittal Data: GWH18TB-D3DNA1A** 18,000 BTU/H Wall Mounted Heat- Pump System

Job Name Location Date

Purchaser Engineer

Submitted To For  Reference  Approval  Construction

Unit Designation Schedule No.

**GENERAL FEATURES**

- World Class Performance - Ultra High Efficiency
- Energy Saving Function
- 7 Fan Speeds / 4 Way Airflow Operation
- Photocatalytic Filter
- Wireless Remote with LCD Display
- Gold Fin Condenser Coil
- 5 year Limited Parts Warranty




**System Ratings**

**Indoor Unit Data**

**Cooling**

Rated Capacity	18000 BTU/H
Capacity Range	4,606-22,180 BTU/H
Power Input (Max)	2,450 W
SEER	21
EER	12.0

<b>Fan Motor</b>	Output Power	25 W
	FLA	0.1 A
<b>Airflow</b>		
Cooling Wet (Lo/Hi)		282/588 CFM
Heating Dry (Lo/Hi)		NA/618 CFM

**Heating at 47° F**

Rated Capacity	19,000 BTU/H
Capacity Range	3,400-24,900 BTU/H
Power Input (Max)	2,500 W
HSPF	9.8
COP	3.5

<b>Sound Pressure Level</b>		
Cooling (Lo/Hi)		33/51 db(A)
Heating (Lo/Hi)		33/51 db(A)
<b>Dimensions &amp; Weights</b>		
Unit Dimensions (LxHxD)		40.1 x 12.6 x 9.1-in
Weight (Net/Shipping)		31/42 LBS

**Heating at 17° F**

Rated Capacity	12,500 BTU/H
Capacity (Max)	14,358 BTU/H
Power Input (Max)	1465 W
COP	2.5

**Outdoor Unit Data**

**Operating Range**

Cooling	(Max)	118°F (48 C)
	(Min)	50°F (10 C)
Heating	(Max)	75°F (24 C)
	(Min)	5°F (-15 C)

<b>Compressor</b>	DC Inverter Driven Rotary	
<b>Refrigerant Type</b>	R410A	
<b>Fan Motor</b>	Output Power	60 W
	FLA	0.3 A
<b>Sound Pressure</b>		
Cooling		56 db(A)
Heating		56 db(A)
<b>Dimensions &amp; Weights</b>		
Unit Dimensions (LxHxD)		37.6 x 27.6 x 15.6-in
Weight (Net/Shipping)		110/121 LBS

**Power Supply**

Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz
Voltage Range	187 - 253 V
Voltage - Outdoor S1-S2	80 V (MAX)
Indoor - Outdoor S2-S3	230 V (MAX)
MCA	15 A
MOCP/Breaker Size	25 A

**Refrigerant Piping Data**

Gas Pipe Size (OD)	5/8-in
Liquid Pipe Size (OD)	1/4-in
Connection Method	Flared
MAX Refrigerant Pipe Length	82 FT
MAX Refrigerant Pipe Height Difference	33 FT

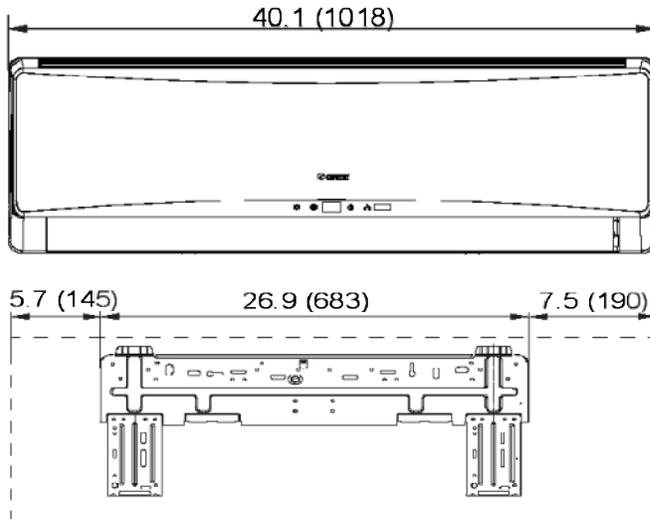


## DIMENSIONAL SPECIFICATIONS

**GWH18TB-D3DNA1A**

### INDOOR UNIT DIMENSIONS

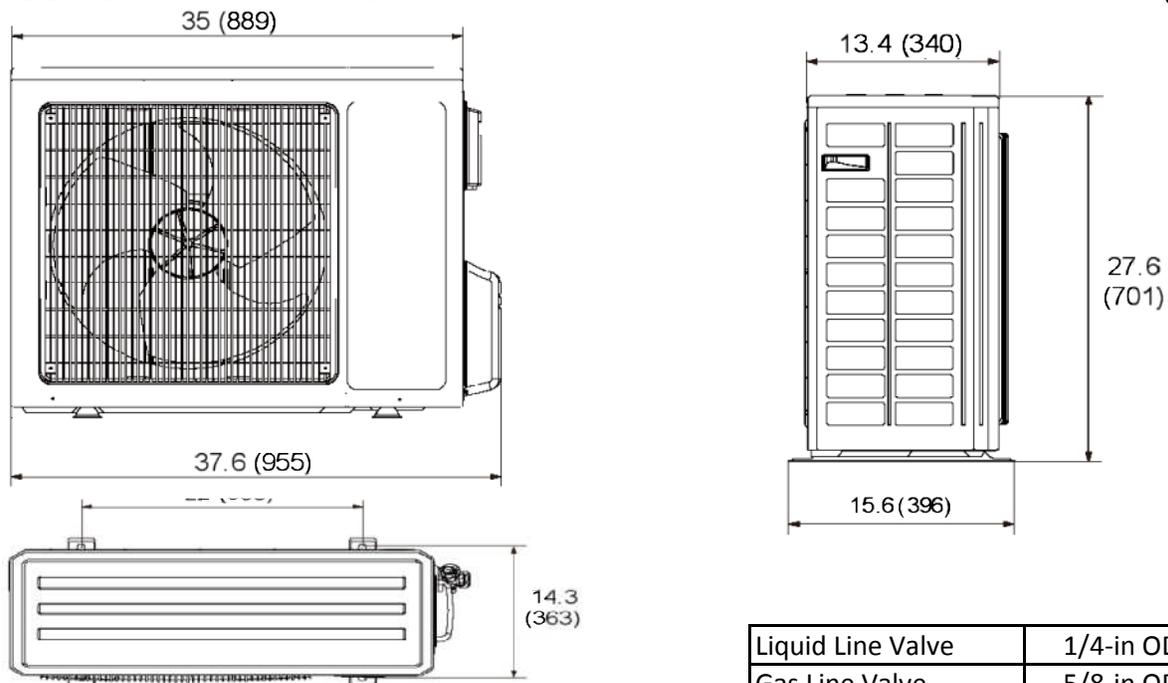
Units: inch (mm)



Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	5/8-in OD Flared
Drain Connector	5/8-in OD

### OUTDOOR UNIT DIMENSIONS

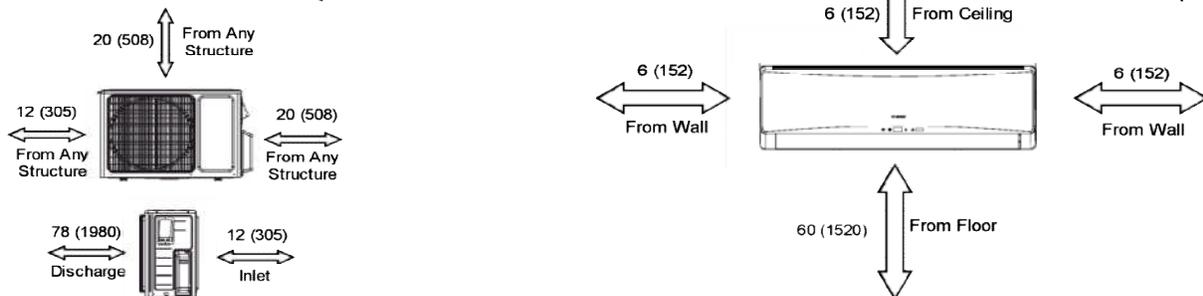
Units: inch (mm)



Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	5/8-in OD Flared

### MINIMUM SPACING REQUIREMENTS

Units: inch (mm)



**Notes:**

1. Recommended 14/4 AWG Stranded Bare Copper Conductors THHN 600V Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.



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