

Submittal Data: TW12HQ1A5D 12,000 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**
- Compact and Quiet Design
 - High Efficiency - 16 SEER
 - DC Inverter Technology
 - Wireless Remote with LCD Display
 - Comfortable Sleep Mode
 - Intelligent Defrost
 - Multi Speed Fan



System Ratings

Cooling	
Rated Capacity	12,000 BTU/h
Capacity Range	3,750-12,500 BTU/h
Power Input (Max)	1,350 W
SEER	16
EER	2.71

Indoor Unit Data

Fan Motor	Output Power	20 W
	FLA	0.21 A
Airflow		
	Turbo / High / Medium / Low	400/318/253/194 CFM
		680/540/430/330 m³/h
Sound Pressure Level		
	High / Medium / Low	39/35/29 dB(A)
Dehumidification		1.40 L/h
		2.96 pt/h
Dimensions & Weights		
	Unit Dimensions(WxHxD)	33.268×11.378×8.228-in
	Weight (Net/Shipping)	23/29 LBS

Heating at 47° F	
Rated Capacity	13,000 BTU/h
Capacity Range	3,920-14,000 BTU/h
Power Input (Max)	1,500 W
HSPF	9.0
COP	3.05

Outdoor Unit Data

Compressor	DC Inverter Driven Swing	
Refrigerant Type	R410A	
Fan Motor	Output Power	30 W
	FLA	0.36 A
Sound Pressure		
	Cooling	53 dB(A)
	Heating	53 dB(A)
Dimensions & Weights		
	Unit Dimensions (LxHxD)	30.551×21.26×12.598-in
	Weight (Net/Shipping)	69/75 LBS

Heating at 17° F	
Rated Capacity	9,100 BTU/h
Capacity (Max)	9,800 BTU/h

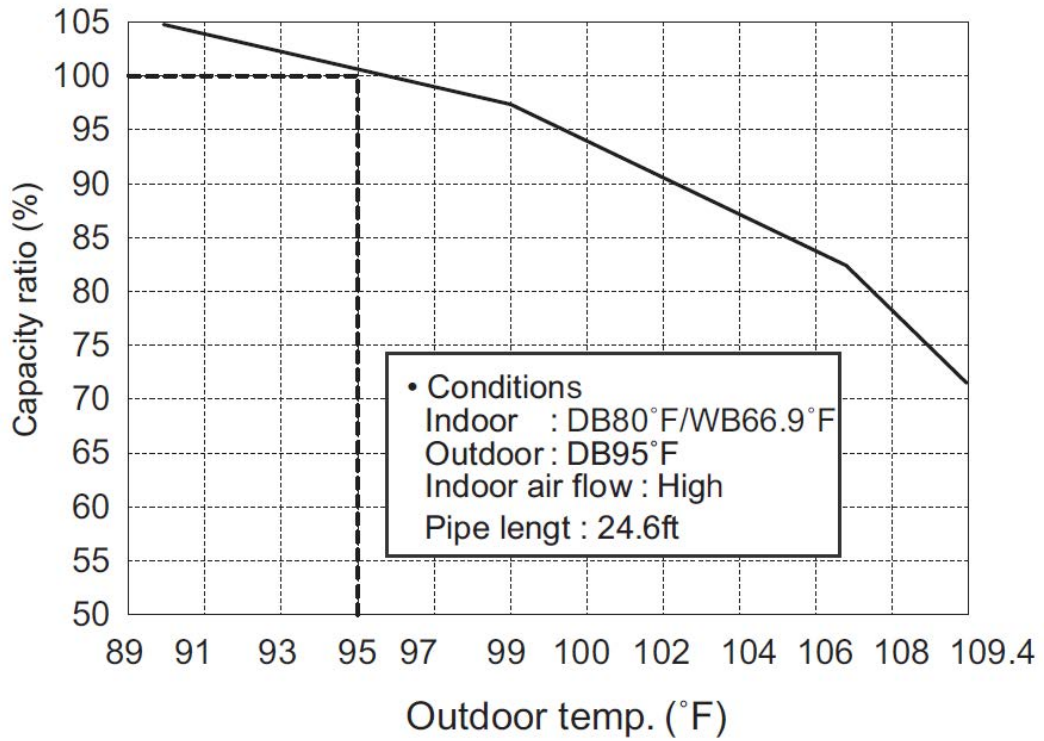
Operating Range		
Cooling	(Max)	115°F (46 C)
	(Min)	0°F (-18 C)
Heating	(Max)	75°F (24 C)
	(Min)	-4°F (-20 C)

Power Supply	
Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz
Voltage Range	187 - 253 V
Main Power Wire Size	14-2 AWG
Interconnecting Cable Wire Size	14-4 AWG
MCA	9 A
MOCP/Breaker Size	15 A

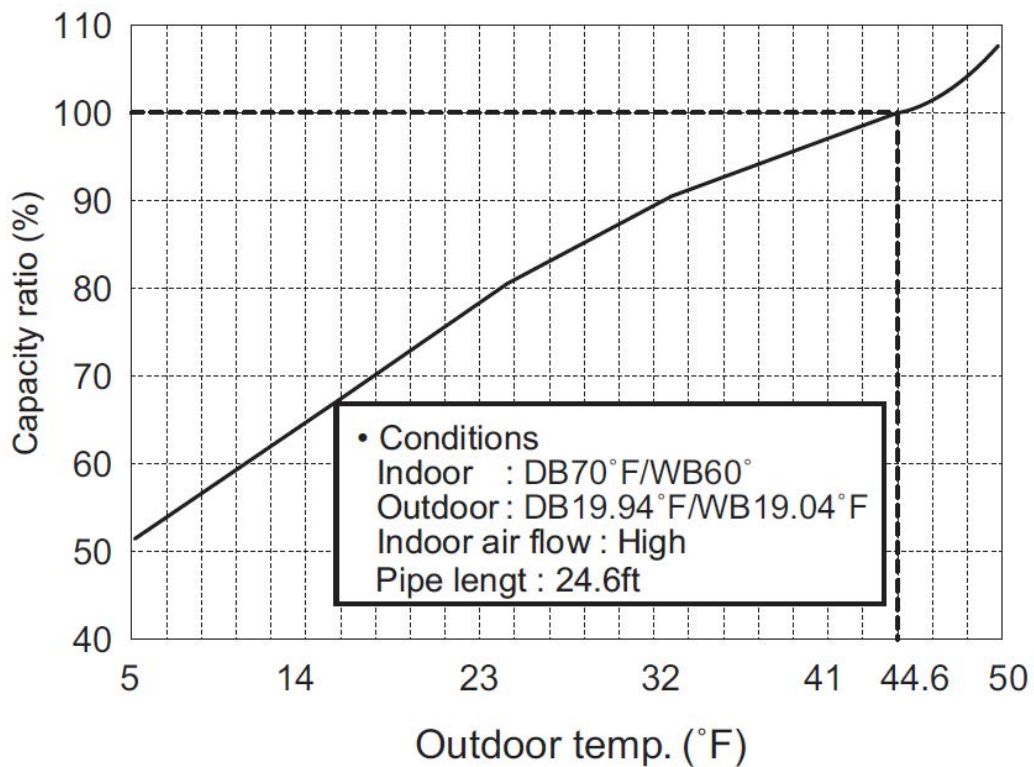
Refrigerant Piping Data	
Gas Pipe Size (OD)	3/8-in
Liquid Pipe Size (OD)	1/4-in
Connection Method	Flared
MAX Refrigerant Pipe Length	49.2-ft
MIN Refrigerant Pipe Length	10-ft
MAX Refrigerant Pipe Height Difference	32.8-ft

CAPACITY RATIO

COOLING



HEATING

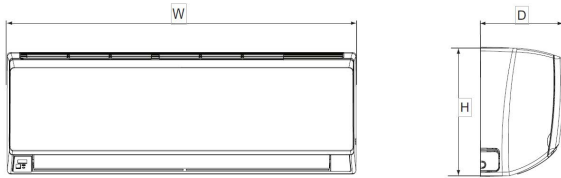


DIMENSIONAL SPECIFICATIONS

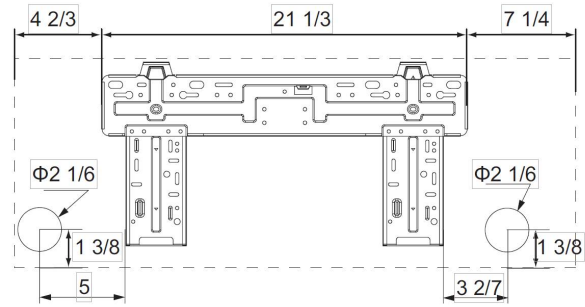
TW12HQ1A5D

INDOOR UNIT DIMENSIONS

Units: inch (mm)



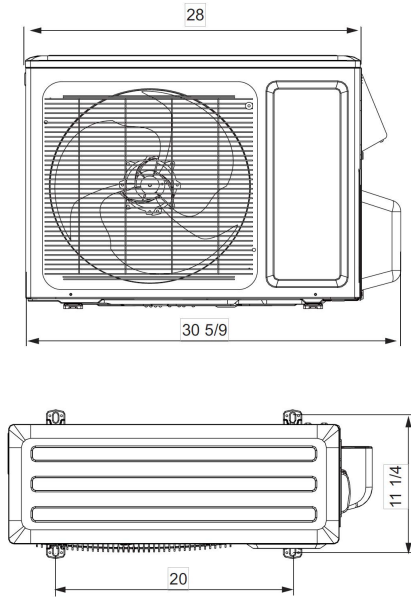
W : 33 1/4
H : 11 3/8
D : 8 2/9



Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	3/8-in OD Flared
Drain Connector	5/8-in OD

OUTDOOR UNIT DIMENSIONS

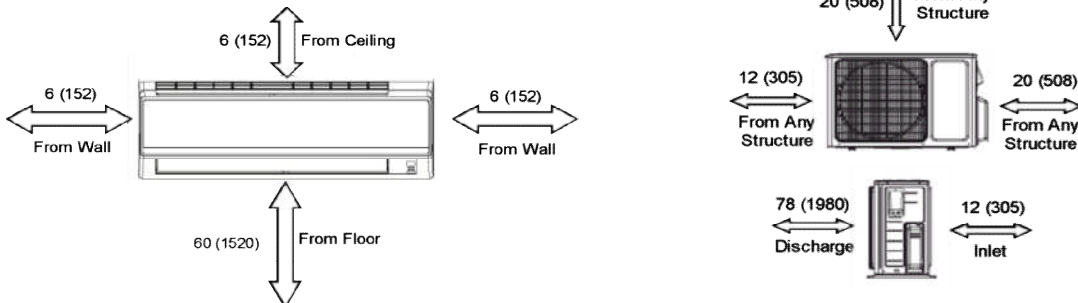
Units: inch (mm)



Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	3/8-in OD Flared

MINIMUM SPACING REQUIREMENTS

Units: inch (mm)



Notes:

1. Recommended Interconnecting Cable Type 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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