

**Submittal Data: TW09HQ1A5D** 9,000 BTU/h Wall Mounted Heat- Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted To	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> 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**

<b>Cooling</b>		
Rated Capacity		9,000 BTU/h
Capacity Range		3,100-9,600 BTU/h
Power Input (Max)		1,300 W
SEER		16
EER		2.93

**Indoor Unit Data**

<b>Fan Motor</b>	Output Power	20 W
	FLA	0.215 A
<b>Airflow</b>		
	Turbo / High / Medium / Low	318/288/241/171 CFM
		540/490/410/290 m <sup>3</sup> /h
<b>Sound Pressure Level</b>		
	High / Medium / Low	38/34/28 dB(A)
<b>Dehumidification</b>		0.80 L/h
		1.69 pt/h
<b>Dimensions &amp; Weights</b>		
	Unit Dimensions(WxHxD)	31.102×10.827×7.874-in
	Weight (Net/Shipping)	20/24 LBS

<b>Heating at 47° F</b>		
Rated Capacity		9,500 BTU/h
Capacity Range		3,100-12,000 BTU/h
Power Input (Max)		1,350 W
HSPF		9.0
COP		3.48

**Outdoor Unit Data**

<b>Compressor</b>	DC Inverter Driven Rotary	
<b>Refrigerant Type</b>	R410A	
<b>Fan Motor</b>	Output Power	30 W
	FLA	0.36 A
<b>Sound Pressure</b>		
	Cooling	52 dB(A)
	Heating	52 dB(A)
<b>Dimensions &amp; Weights</b>		
	Unit Dimensions(WxHxD)	30.551×21.26×12.598-in
	Weight (Net/Shipping)	65/71 LBS

<b>Heating at 17° F</b>		
Rated Capacity		6,650 BTU/h
Capacity (Max)		8,400 BTU/h

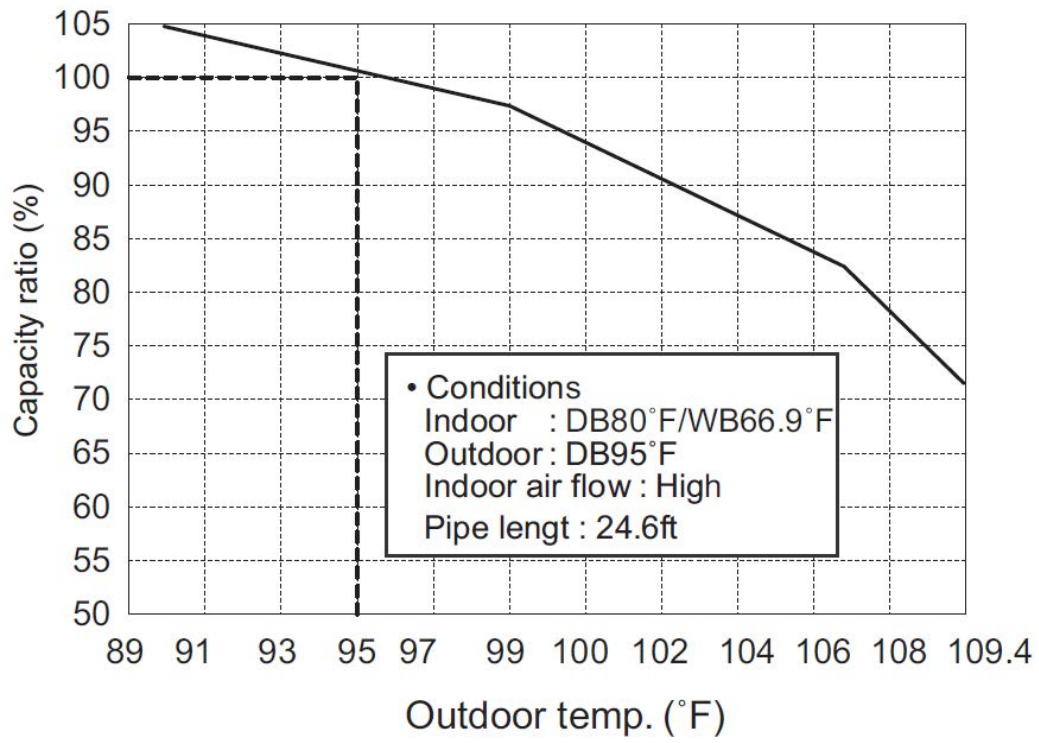
<b>Operating Range</b>		
Cooling	(Max)	115°F (46 C)
	(Min)	0°F (-18 C)
Heating	(Max)	75°F (24 C)
	(Min)	-4°F (-20 C)

<b>Power Supply</b>		
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	

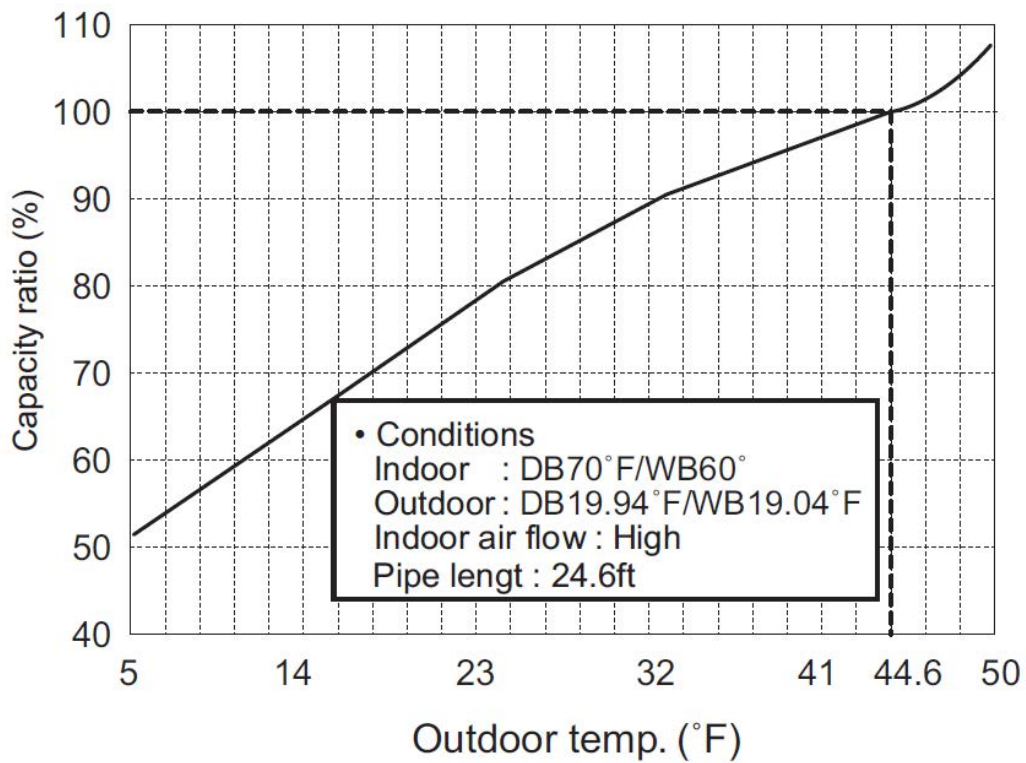
<b>Refrigerant Piping Data</b>		
Gas Pipe Size (OD)		3/8-in
Liquid Pipe Size (OD)		1/4-in
Connection Method		Flared
MAX Refrigerant Pipe Length		49.2-ft
MIN Refrigerant Pipe Length		10-ft
MAX Refrigerant Pipe Height Difference		32.8-ft

CAPACITY RATIO

COOLING



HEATING

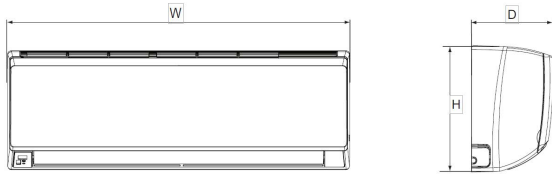


## DIMENSIONAL SPECIFICATIONS

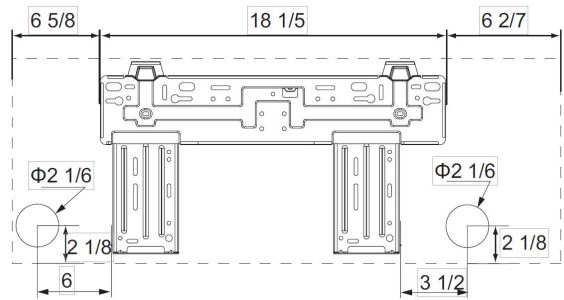
**TW09HQ1A5D**

### INDOOR UNIT DIMENSIONS

Units: inch



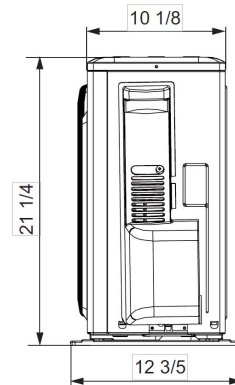
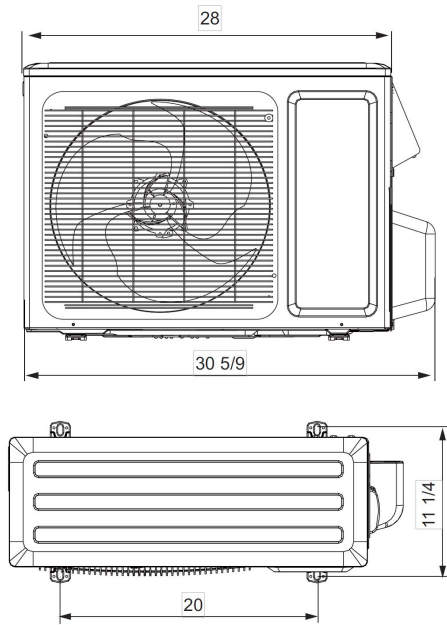
W : 31 1/9  
H : 10 5/6  
D : 7 7/8



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

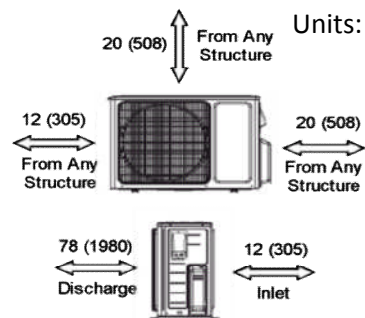
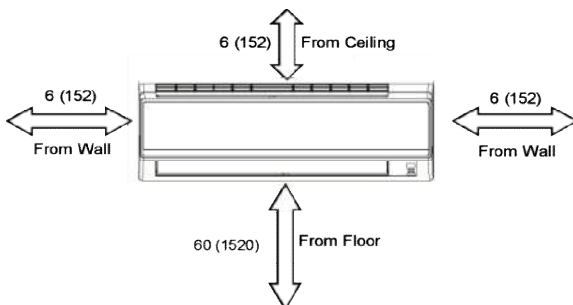
Units: inch



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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