



SUBMITTAL DATA

TWH09AT19A6AI / TWH09AT19A6AO
9000 BTU/H Wall Mounted Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submmited to	For	
Unit Designation	Schedule No.	



YBE1FB1F



TWH09AT19A6AI



TWH09AT19A6AO



XE71 (Optional)

GENERAL FEATURES

- New R32 Refrigerant
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Wireless Remote with LCD Display
- Wired Controller Options
- Composite Drain Pan
- Wi-Fi Included
- Low Ambient Cooling down to 0°F (Range 0°F to 118°F)
- Low Ambient Heating down to -13°F (Range -13°F to 75°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

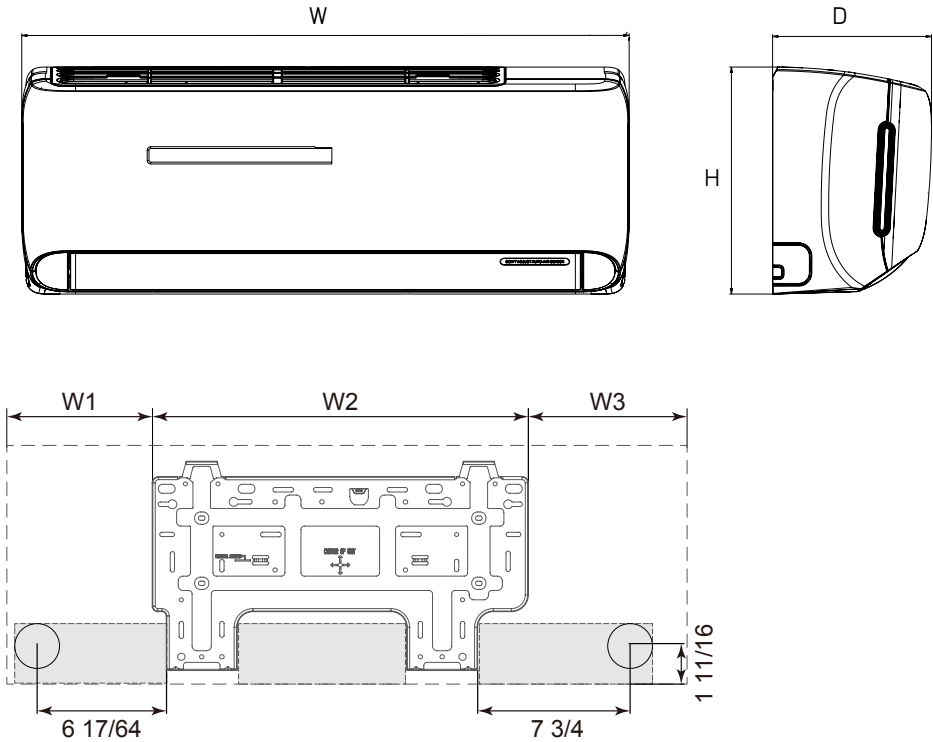
SYSTEM TYPE			HEAT PUMP	FEATURES & FUNCTIONS SUMMARY	
Outdoor Model			TWH09AT19A6AO	Inverter Type	G20
Indoor Model			TWH09AT19A6AI	Ultra Low Frequency Torque Control	Yes
SYSTEM PERFORMANCE				Power Factor Correction	Yes
Cooling Capacity	Min - Max	Btu/h	8,428 -14,522	Basepan With Electric Heater	Yes
	Capacity @95°F	Btu/h	9,100	Compressor With Electric Heater	Yes
Heating Capacity	Min - Max	Btu/h	6,916 - 13,300	Outdoor Fin Coating (Color:Blue)	Acrylic-Resin/Anti-Corrosive
	Capacity @47°F	Btu/h	10,000	Intelligent Defrosting	Yes
	Capacity @17°F	Btu/h	8,100	Force Defrosting	Yes
	Capacity @5°F	Btu/h	7,600	Intelligent Preheating	Yes
SEER2			20.5	Low Voltage Startup	Yes
EER2			11.9	Memory/Power Failure Recovery	Yes
HSPF2			8.8	Self Diagnosis	Yes
COP @5°F			1.86	Wired Controller Interface	Yes
Cooling Temperature Range		°F	0 - 118	WiFi Included	Yes
Heating Temperature Range		°F	-13 - 75	Indoor Fan Type	Crossflow
Refrigerant Type			R32	Multi Fan Speeds	6 Speeds
INDOOR UNIT			TWH09AT19A6AI	Indoor Unit Display	Yes
Air flow (Min - Max)		CFM	159 - 353	Auxiliary Electrical Heater	No
Sound Pressure Level (Min - Max)		dB(A)	24 - 43	Ventilation (Outdoor Air)	No
Dehumidification		pt/hr	1.69	REMOTE CONTROLLER FUNCTIONS	
External Dimensions (W x H x D)		in	32-7/8 x 10-53/64 x 7-7/8	Auto Mode	Yes
Package Dimension (W x H x D)		in	35-15/64 x 13-37/64 x 10-43/64	Auto Fan	Yes
Net Weight		lbs	19.8	Auto Swing (Horizontal Auto Swing)	Yes
Gross Weight		lbs	24.3	Auto Swing (Vertical Auto Swing)	Yes
OUTDOOR UNIT			TWH09AT19A6AO	Clock on Remote Controller	Yes
Compressor Type		GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER		Dry Mode	Yes
Sound Pressure Level		dB(A)	51	Dry Anti-Mildew (X-Fan) Mode	Yes
External Dimensions (W x H x D)		in	28-13/16 x 21-7/8 x 12-63/64	Energy Saving Mode	Yes
Package Dimension (W x H x D)		in	31-17/64 x 24-7/32 x 14-51/64	Dirty Filter Alert	No
Net Weight		lbs	55.1	I Feel Function	Yes
Gross Weight		lbs	60.6	Lock on Remote Controller	Yes
REFRIGERANT PIPING				Quiet Mode	Yes
Refrigerant Charge - R32		oz	18.7	Room Temperature Display	Yes
Additional Charge		oz/ft	0.2	Sleep Mode	Yes
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 3/8	Timer Mode	Yes
Pre-Charge Length		ft	25	Turbo Mode	Yes
Pipe Length (Min - Max)		ft	10 - 66	Display On/Off Control	Yes
Max. Pipe Elevation		ft	40	Freeze Guard Mode (46°F)	Yes
ELECTRICAL				Display On/Off Control	Yes
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
Voltage Range (Min - Max)		VAC	103 - 126		
Rated Current - Cooling		A	12.5		
Rated Current - Heating		A	15.4		
MCA		A	19		
MOCP		A	20		
Suggested Breaker Size		A	20		
Main Power Wire Size		AWG	Per Local Code		
Interconnecting Wire Size		AWG	14 / 4		

DIMENSIONS

INDOOR UNIT

Unit: inch

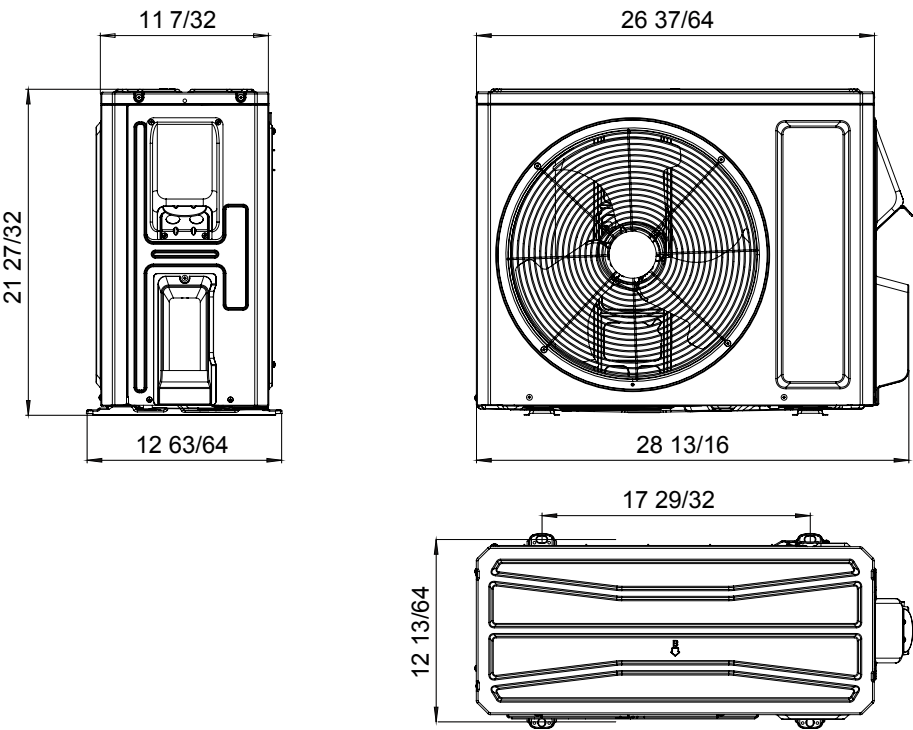
TWH09AT19A6AI	
DIMENSIONS	
W	32 7/8
H	10 53/64
D	7 7/8
W1	7 1/64
W2	18 3/16
W3	7 43/64



OUTDOOR UNIT

Unit: inch

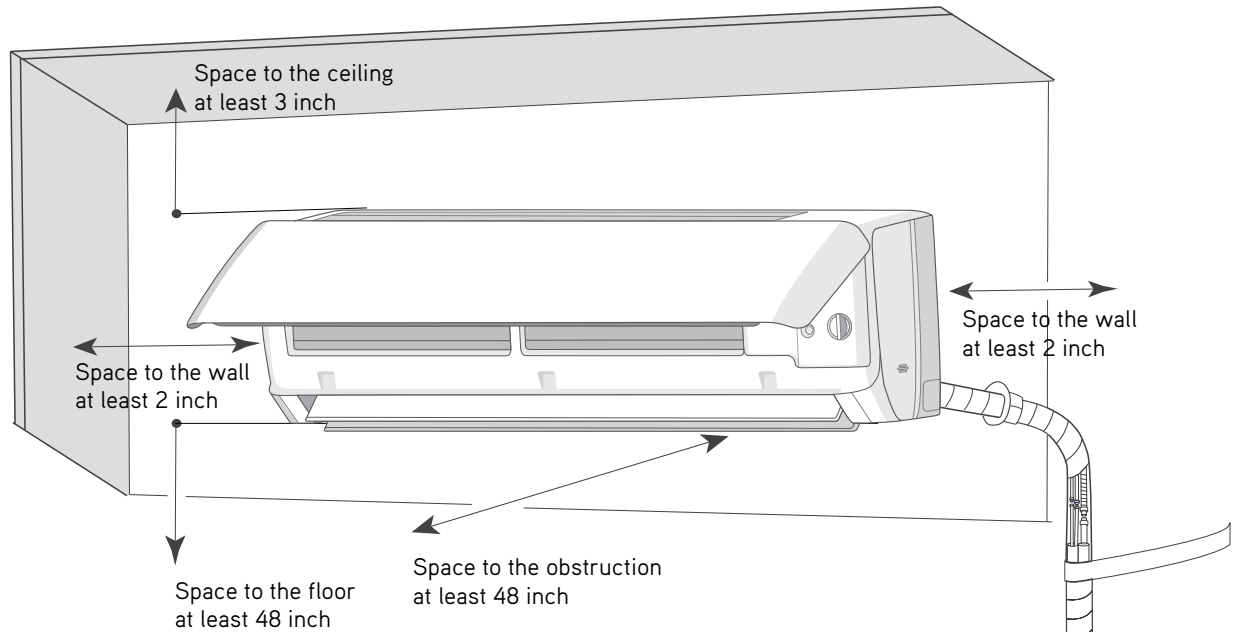
TWH09AT19A6AO



CLEARANCES

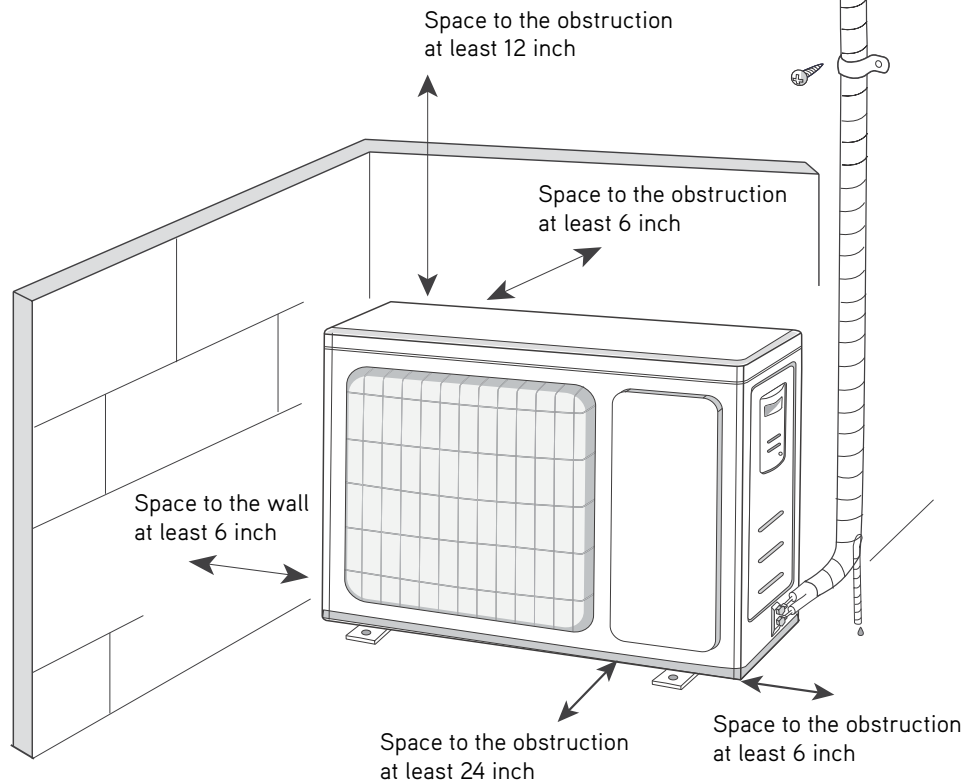
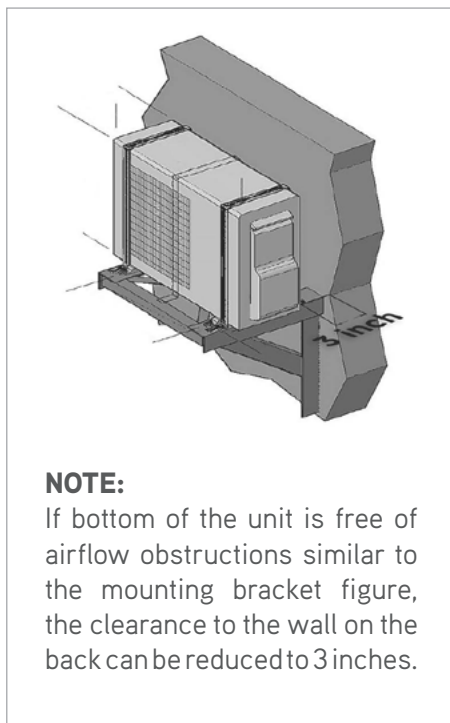
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



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