

Submittal Data: TU30HTI 30,000 BTUH Floor/Ceiling Heat Pump System

Job Name _____ Location _____ Date _____

Purchaser _____ Engineer _____

Submitted To _____ For Reference Approval Construction

Unit Designation _____ Schedule No. _____

GENERAL FEATURES

- Multi-Speed Fan
- 4-way Discharge Air
- Swing Louvers
- Wireless Remote Controllers
- Power Failure Recovery
- Wall or Ceiling Mount



System Ratings

Cooling		
Rated Capacity		28,200 BTU/H
Capacity Range		8,800-31,400 BTU/H
Power Input (Max)		3,700 W
SEER		17.0
EER		10.4
Heating at 47° F		
Rated Capacity		31,200 BTU/H
Capacity Range		8,200-33,600 BTU/H
Power Input (Max)		3,500 W
HSPF		9.0
COP		3.5
Heating at 17° F		
Rated Capacity		18,000 BTU/H
Operating Range		
Cooling	(Max)	115°F (46 C)
	(Min)	0°F (-18 C)
Heating	(Max)	75°F (24 C)
	(Min)	0°F (-18 C)
Refrigerant Piping Data		
Gas Pipe Size (OD)		5/8-in
Liquid Pipe Size (OD)		3/8-in
Connection Method		Flared
MAX Refrigerant Pipe Length		98-ft
MIN Refrigerant Pipe Length		10-ft
MAX Refrigerant Pipe Elevation		49-ft

Indoor Unit Data

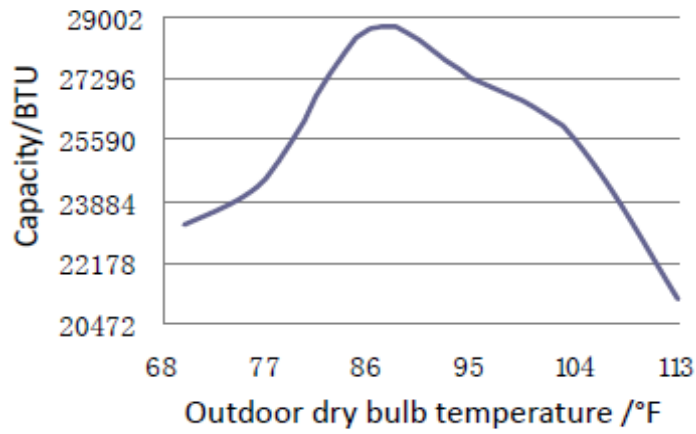
Fan Motor	Output Power	1/5HP
	FLA	1.4 A
Airflow		
Cooling	Wet (Lo/Hi)	620/880 CFM
Heating	Dry (Lo/Hi)	620/880 CFM
Sound Pressure Level		
Cooling	(Min/Max)	38/49 db(A)
Heating	(Min/Max)	38/49 db(A)
Dehumidication		
		1.23 pt/hr
Power Supply		
Normal Operational Voltage		208/230 V, 1 Phase, 60 Hz
Voltage Range		187 - 253 V
Interconnecting Cable Wire Size		18-2 AWG
MCA		2.0A
MOCP/Breaker Size		15A

Outdoor Unit Data

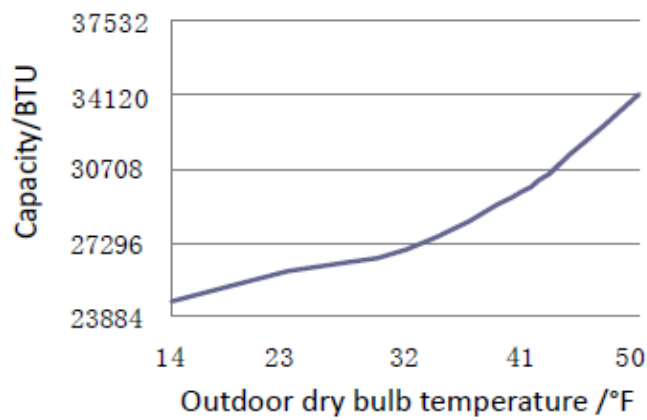
Compressor		DC Inverter Driven Rotary
Refrigerant Type		R410A
Fan Motor	Output Power	1/6HP
	FLA	1.5 A
Sound Pressure		
Cooling/Heating		58/58 db(A)
Power Supply		
Normal Operational Voltage		208/230 V, 1 Phase, 60 Hz
Voltage Range		187 - 253 V
MCA		24A
MOCP/Breaker Size		40A

EXTENDED RATINGS

COOLING PERFORMANCE



HEATING PERFORMANCE

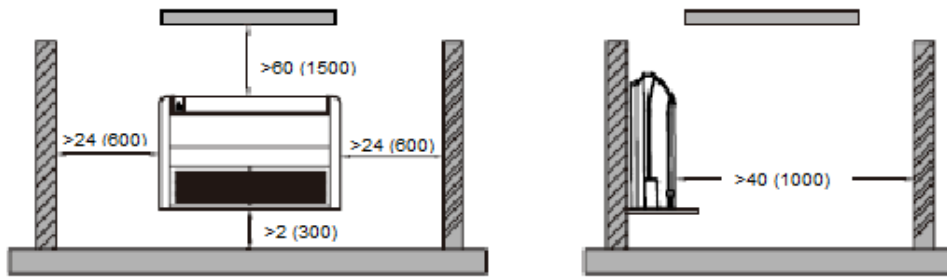


MINIMUM SPACING REQUIREMENTS

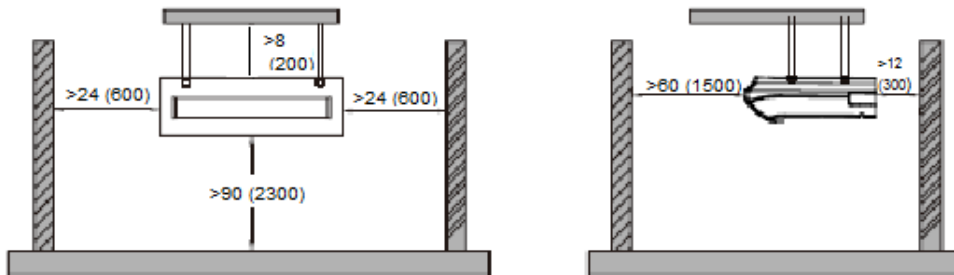
Units: inch (mm)

INDOOR

WALL MOUNTING

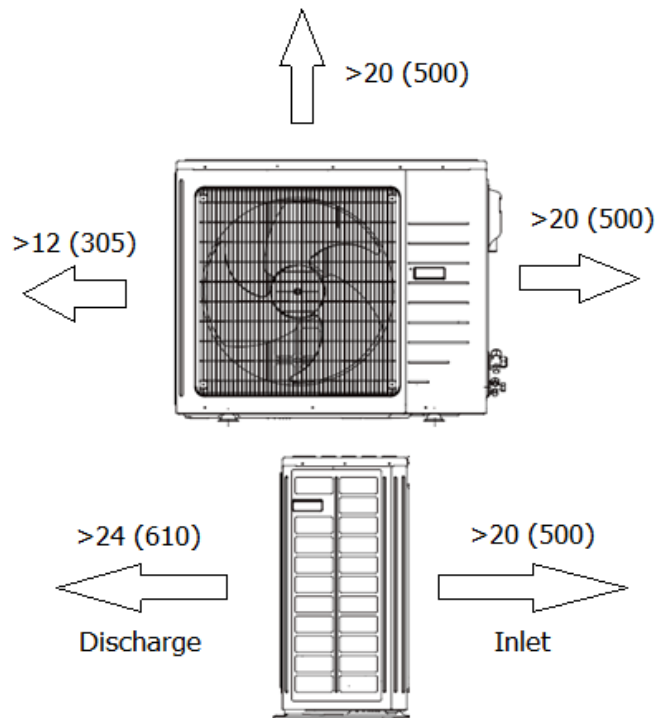


CEILING MOUNTING



Units: inch (mm)

OUTDOOR

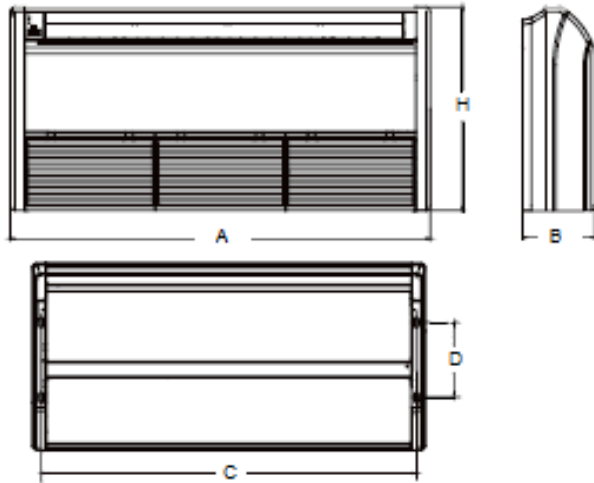


DIMENSIONAL SPECIFICATIONS

TU30HTI

INDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



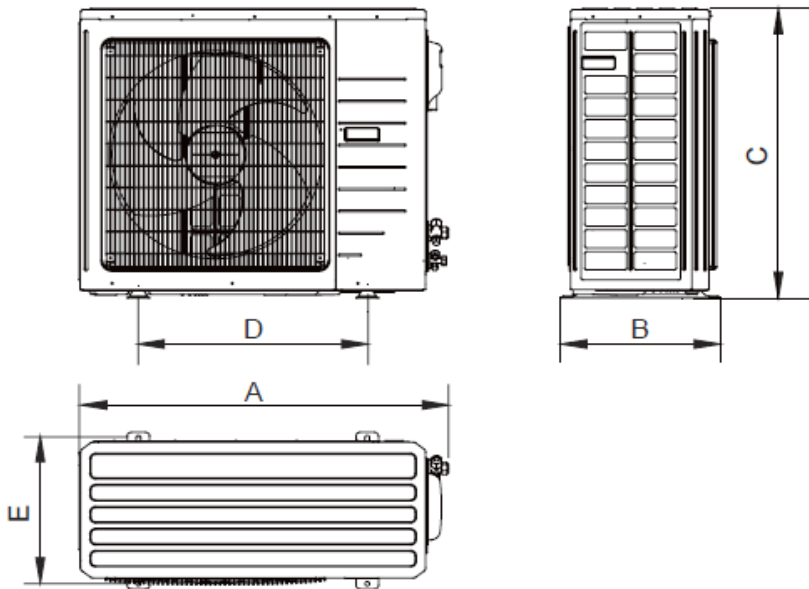
A	55.875	(1420)
B	9.625	(245)
C	53.25	(1354)
D	11	(280)
H	27.5	(700)

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

Net Weight	106 lbs
Shipping Weight	124 lbs

OUTDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



A	38.625	(980)
B	16.75	(427)
C	31.125	(790)
D	24.0	(610)
E	15.5	(395)

Liquid Line Valve	3/8-in OD Flared
Gas Line Valve	5/8-in OD Flared

Net Weight	159 lbs
Shipping Weight	180 lbs

Notes:

1. Recommended Communication Cable Type 18-2 AWG Stranded Copper 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.