

Submittal Data: TU18HTI 18,000 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		17,100 BTU/H
Capacity Range		5,400-19,800 BTU/H
Power Input (Max)		1,750 W
SEER		17.0
EER		11.0
Heating at 47° F		
Rated Capacity		19,100 BTU/H
Capacity Range		4,700-23,200 BTU/H
Power Input (Max)		1,900 W
HSPF		9.5
COP		3.6
Heating at 17° F		
Rated Capacity		10,900 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)		1/2-in
Liquid Pipe Size (OD)		1/4-in
Connection Method		Flared
MAX Refrigerant Pipe Length		66-ft
MIN Refrigerant Pipe Length		10-ft
MAX Refrigerant Pipe Elevation		49-ft

Indoor Unit Data

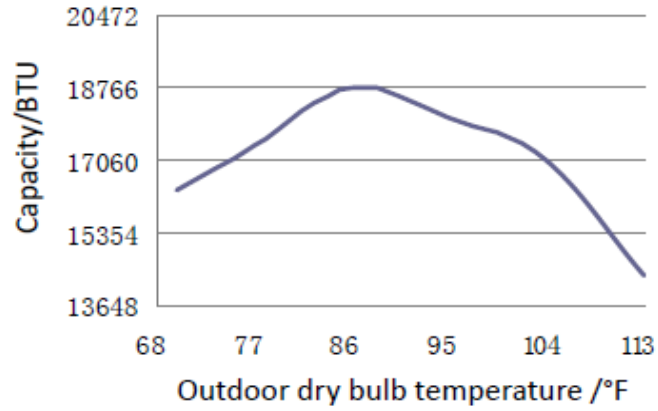
Fan Motor	Output Power	1/5HP
	FLA	0.6 A
Airflow		
Cooling	Wet (Lo/Hi)	431/585 CFM
Heating	Dry (Lo/Hi)	431/585 CFM
Sound Pressure Level		
Cooling	(Min/Max)	32/44 db(A)
Heating	(Min/Max)	32/44 db(A)
Dehumidication		0.76 pt/hr
Power Supply		
Normal Operational Voltage		208/230 V, 1 Phase, 60 Hz
Voltage Range		187 - 253 V
Interconnecting Cable Wire Size		18-2 AWG
MCA		1.0A
MOCP/Breaker Size		15A

Outdoor Unit Data

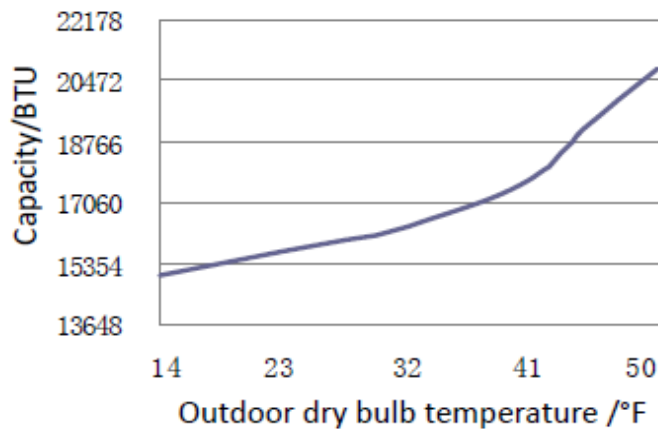
Compressor		DC Inverter Driven Rotary
Refrigerant Type		R410A
Fan Motor	Output Power	1/6HP
	FLA	1.5 A
Sound Pressure		
Cooling/Heating		56/56 db(A)
Power Supply		
Normal Operational Voltage		208/230 V, 1 Phase, 60 Hz
Voltage Range		187 - 253 V
MCA		17.0A
MOCP/Breaker Size		25 A

EXTENDED RATINGS

COOLING PERFORMANCE



HEATING PERFORMANCE

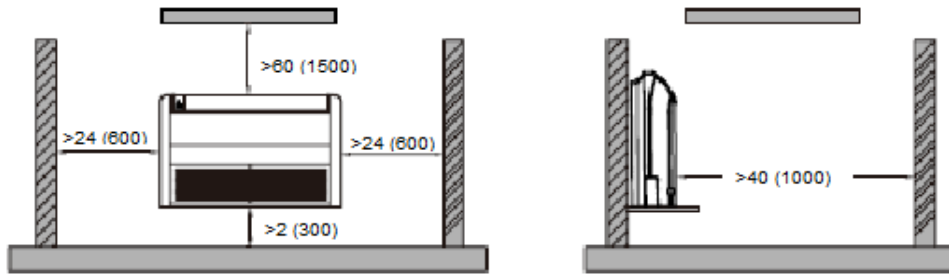


MINIMUM SPACING REQUIREMENTS

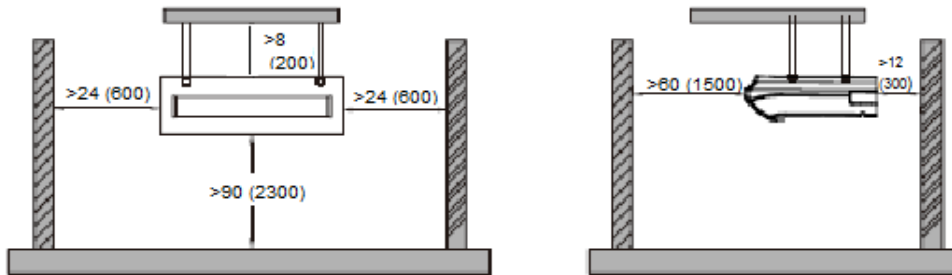
Units: inch (mm)

INDOOR

WALL MOUNTING

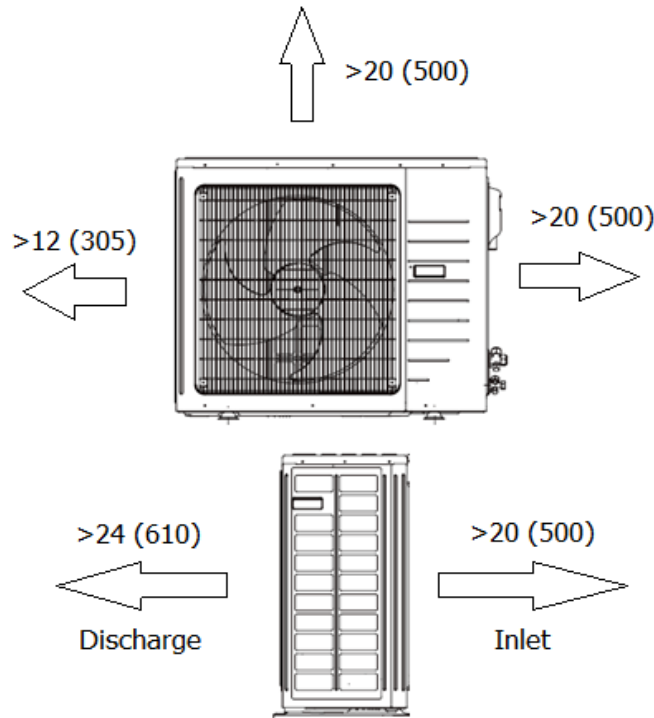


CEILING MOUNTING



Units: inch (mm)

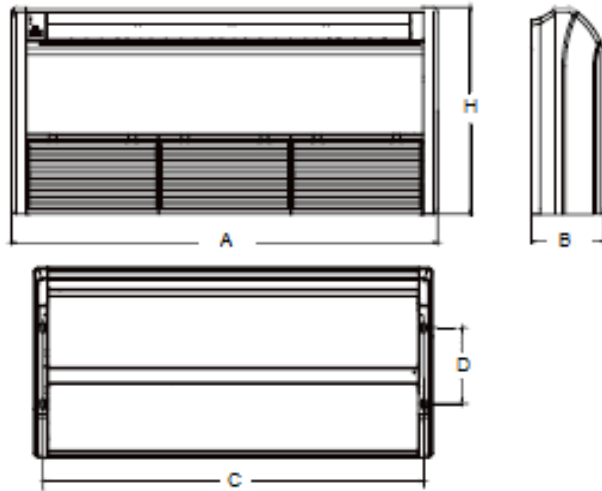
OUTDOOR



DIMENSIONAL SPECIFICATIONS TU18HTI

INDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



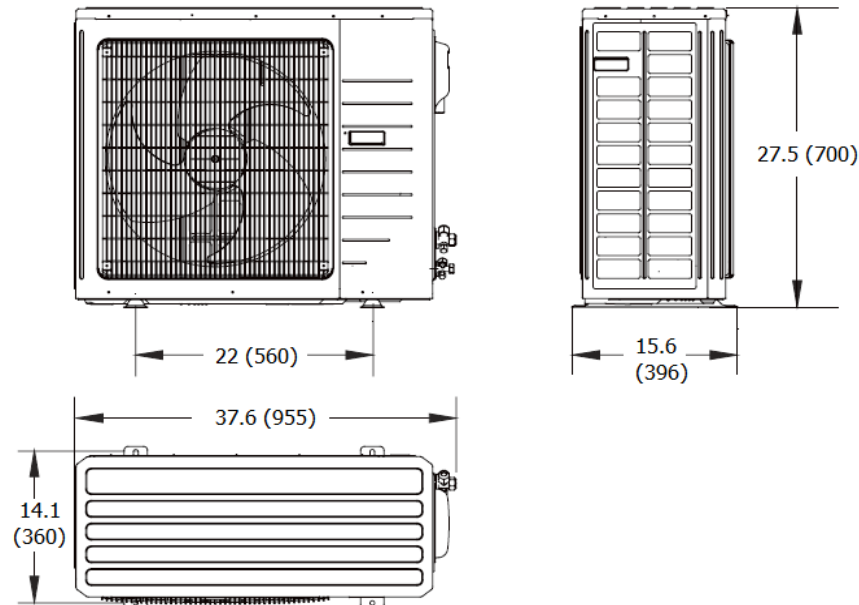
A	48	(1220)
B	8.875	(225)
C	45.625	(1158)
D	11	(280)
H	27.5	(700)

Net Weight	86 lbs
Shipping Weight	106 lbs

Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	1/2-in OD Flared
Drain Connector	1-in OD

OUTDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



Net Weight	106 lbs
Shipping Weight	115 lbs

Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	1/2-in OD Flared

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.