

Submittal Data: TU24HTI 24,000 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		23,800 BTU/H
Capacity Range		8,200-27,800 BTU/H
Power Input (Max)		2,500 W
SEER		16.0
EER		10.7
Heating at 47° F		
Rated Capacity		27,200 BTU/H
Capacity Range		8,200-30,600 BTU/H
Power Input (Max)		2,750 W
HSPF		10.0
COP		3.4
Heating at 17° F		
Rated Capacity		15,700 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

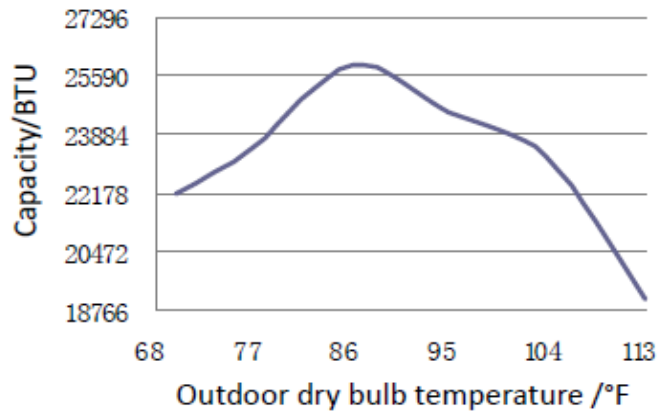
Fan Motor	Output Power	1/5HP
	FLA	0.6 A
Airflow		
	Cooling Wet (Lo/Hi)	490/705 CFM
	Heating Dry (Lo/Hi)	490/705 CFM
Sound Pressure Level		
	Cooling (Min/Max)	40/49 db(A)
	Heating (Min/Max)	40/49 db(A)
Dehumidication		
		0.99 pt/hr
Power Supply		
	Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz
	Voltage Range	187 - 253 V
	Interconnecting Cable Wire Size	18-2 AWG
	MCA	1.0A
	MOCP/Breaker Size	15A

Outdoor Unit Data

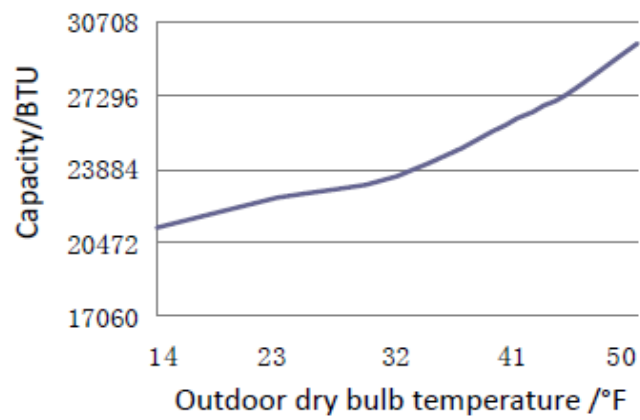
Compressor		DC Inverter Driven Rotary
Refrigerant Type		R410A
Fan Motor	Output Power	1/6HP
	FLA	1.5 A
Sound Pressure		
	Cooling/Heating	57/57 db(A)
Power Supply		
	Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz
	Voltage Range	187 - 253 V
	MCA	24A
	MOCP/Breaker Size	40A

EXTENDED RATINGS

COOLING PERFORMANCE



HEATING PERFORMANCE

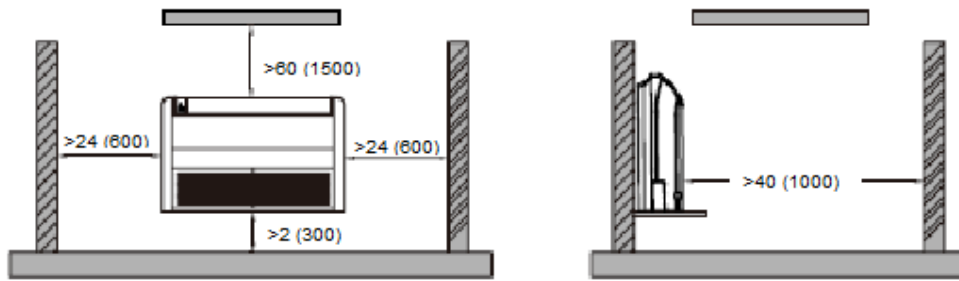


MINIMUM SPACING REQUIREMENTS

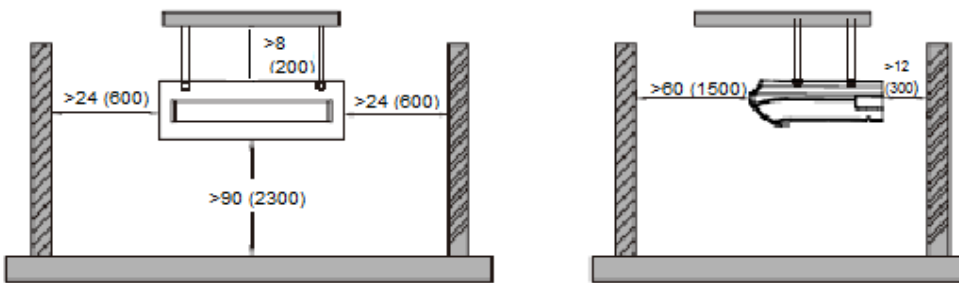
Units: inch (mm)

INDOOR

WALL MOUNTING

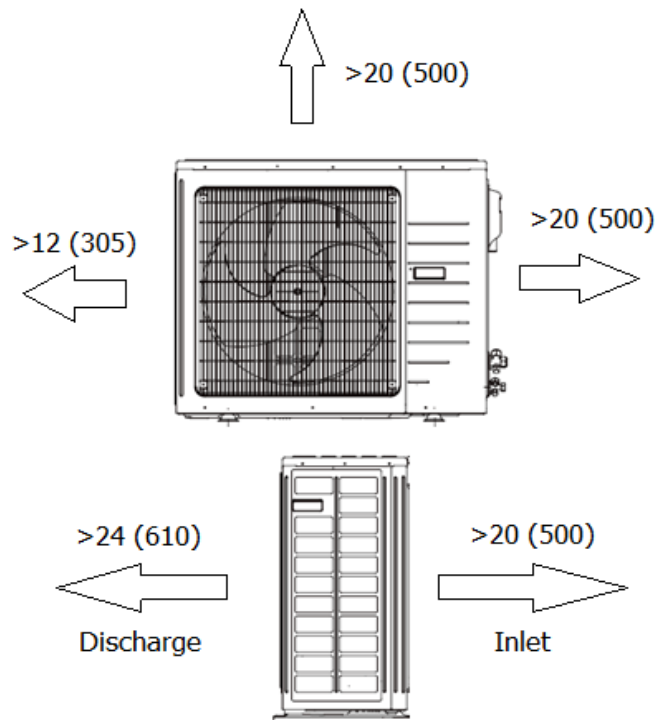


CEILING MOUNTING



Units: inch (mm)

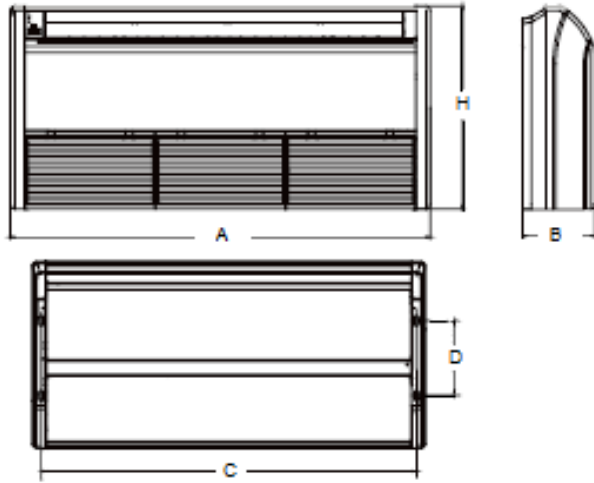
OUTDOOR



DIMENSIONAL SPECIFICATIONS TU24HTI

INDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



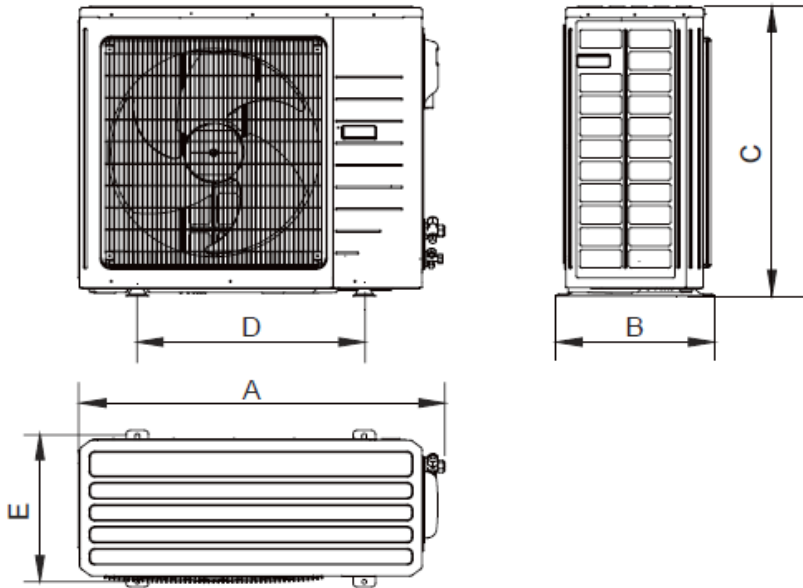
A	48	(1220)
B	8.875	(225)
C	45.625	(1158)
D	11	(280)
H	27.5	(700)

Net Weight	88 lbs
Shipping Weight	110 lbs

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

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)

Net Weight	152 lbs
Shipping Weight	163 lbs

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