

**Submittal Data: TU36HTI** 36,000 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**

<b>Cooling</b>		
Rated Capacity		34,000 BTU/H
Capacity Range		10,800-39,000 BTU/H
Power Input (Max)		4,600 W
SEER		16.0
EER		10.4
<b>Heating at 47° F</b>		
Rated Capacity		41,000 BTU/H
Capacity Range		9,800-49,500 BTU/H
Power Input (Max)		4,800 W
HSPF		9.0
COP		3.2
<b>Heating at 17° F</b>		
Rated Capacity		23,400 BTU/H
<b>Operating Range</b>		
Cooling	(Max)	115°F (46 C)
	(Min)	0°F (-18 C)
Heating	(Max)	75°F (24 C)
	(Min)	0°F (-18 C)
<b>Refrigerant Piping Data</b>		
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**

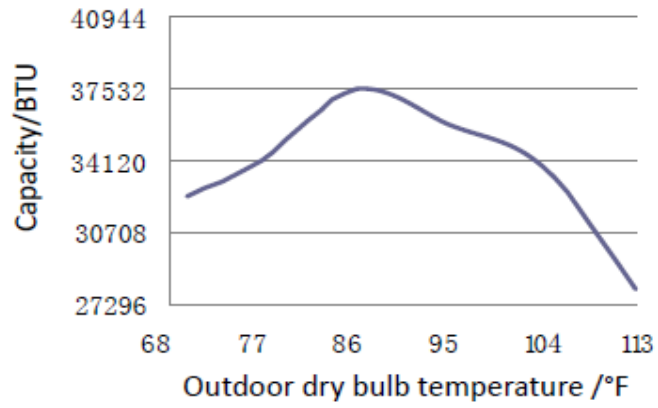
<b>Fan Motor</b>	Output Power	1/5HP
	FLA	1.4 A
<b>Airflow</b>		
Cooling	Wet (Lo/Hi)	800/1115 CFM
Heating	Dry (Lo/Hi)	800/1115 CFM
<b>Sound Pressure Level</b>		
Cooling	(Min/Max)	46/54 db(A)
Heating	(Min/Max)	46/54 db(A)
<b>Dehumidication</b>		1.51 pt/hr
<b>Power Supply</b>		
Normal Operational Voltage		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**

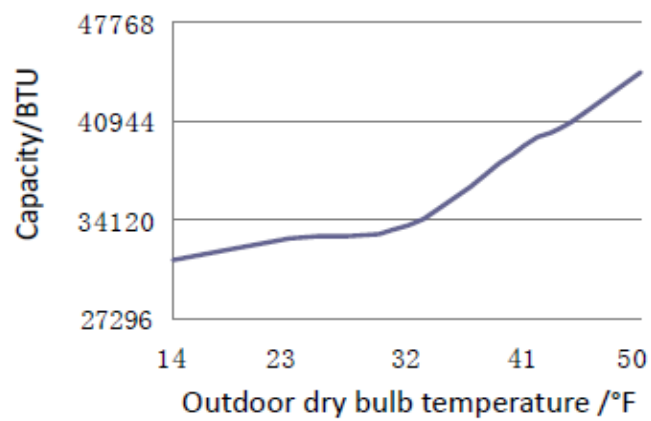
<b>Compressor</b>		DC Inverter Driven Rotary
<b>Refrigerant Type</b>		R410A
<b>Fan Motor</b>	Output Power	2/9HP
	FLA	2.0 A
<b>Sound Pressure</b>		
Cooling/Heating		63/63 db(A)
<b>Power Supply</b>		
Normal Operational Voltage		208/230 V, 1 Phase, 60 Hz
Voltage Range		187 - 253 V
MCA		29.0A
MOCP/Breaker Size		45A

**EXTENDED RATINGS**

**COOLING PERFORMANCE**



**HEATING PERFORMANCE**

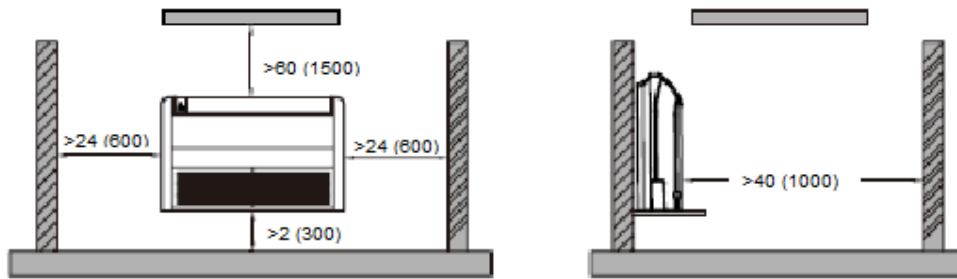


### MINIMUM SPACING REQUIREMENTS

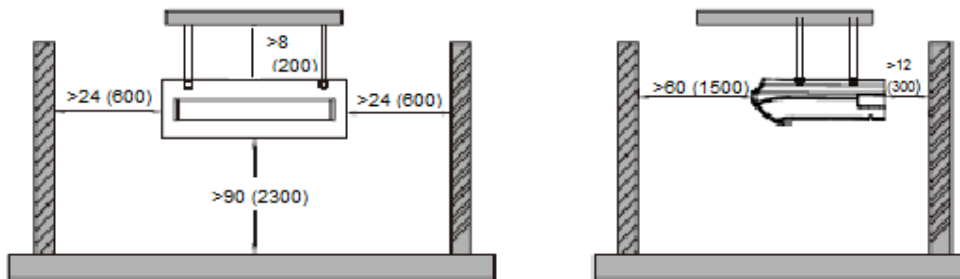
Units: inch (mm)

#### INDOOR

##### WALL MOUNTING

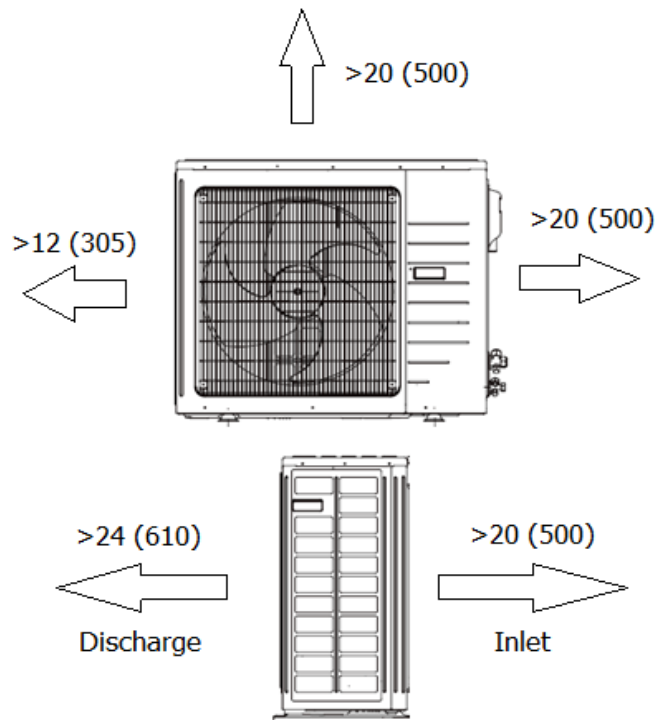


##### CEILING MOUNTING



Units: inch (mm)

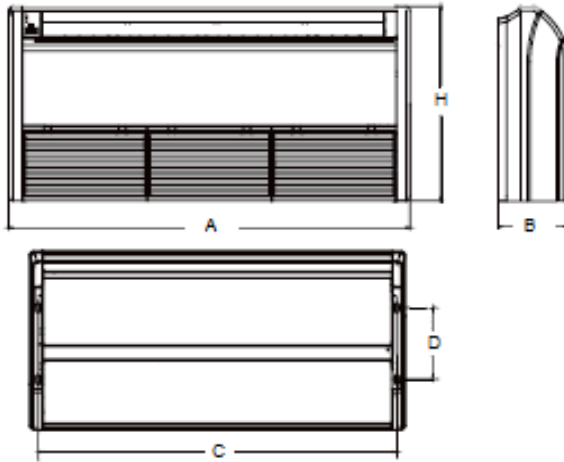
#### OUTDOOR



## DIMENSIONAL SPECIFICATIONS TU36HTI

### INDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



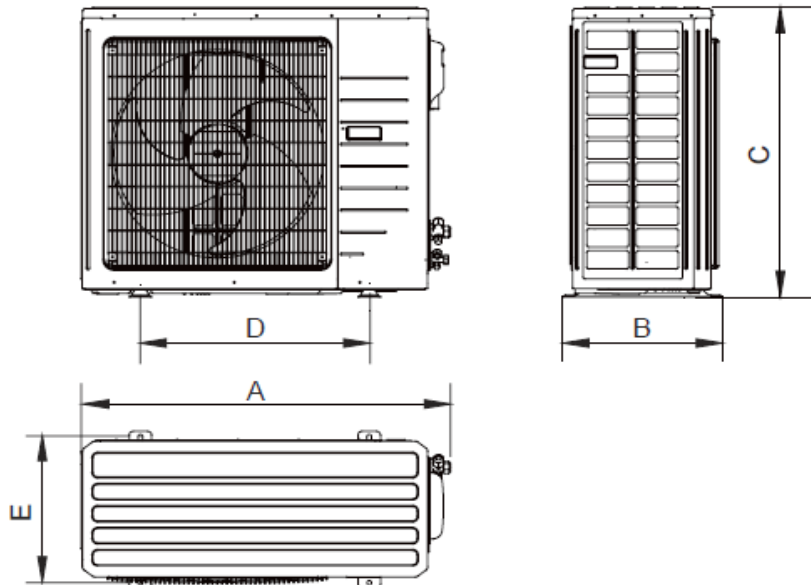
A	55.875	(1420)
B	9.625	(245)
C	53.25	(1354)
D	11	(280)
H	27.5	(700)

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	123 lbs

### OUTDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



A	43.625	(1107)
B	17.375	(440)
C	43.25	(1100)
D	24.875	(631)
E	15.75	(400)

Net Weight	205 lbs
Shipping Weight	223 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.