

Submittal Data: TU18HKI 18,000 BTUH Ceiling Cassette 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
- Internal Condensate Drain Pump
- Wireless Remote Controllers
- Power Failure Recovery
- Sentry Condensate Overflow Protection
- Decorative Grille **Included**



System Ratings

Cooling		
Rated Capacity		17,100 BTU/H
Capacity Range		5,400-18,700 BTU/H
Power Input (Max)		1,750 W
SEER		16.0
EER		10.1
Heating at 47° F		
Rated Capacity		18,400 BTU/H
Capacity Range		4,700-22,200 BTU/H
Power Input (Max)		1,900 W
HSPF		9.0
COP		3.0
Heating at 17° F		
Rated Capacity		9,900 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

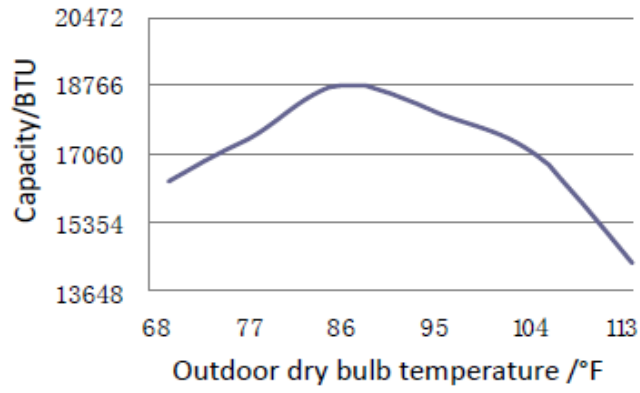
Fan Motor	Output Power	1/5HP
	FLA	0.5 A
Airflow		
Cooling	Wet (Lo/Hi)	353/445 CFM
Heating	Dry (Lo/Hi)	353/445 CFM
Sound Pressure Level		
Cooling	(Min/Max)	37/47 db(A)
Heating	(Min/Max)	37/47 db(A)
Dehumidification		
		0.85 pt/hr
Condensate Drain Lift (Height)		
		39-in
Power Supply		
Normal Operational 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

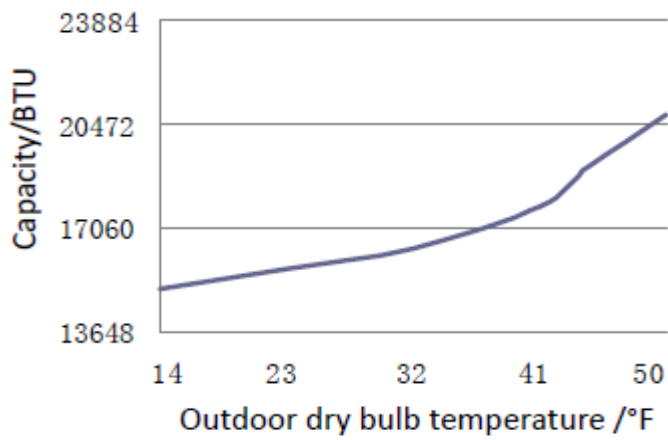
Compressor		DC Inverter Driven Rotary
Refrigerant Type		R410A
Fan Motor	Output Power	1/6HP
	FLA	1.5 A
Sound Pressure		
Cooling/Heating		56/56 db(A)
Power Supply		
Normal Operational Voltage		208/230 V, 1 Phase, 60 Hz
Voltage Range		187 - 253 V
MCA		17.0A
MOCP/Breaker Size		25 A

EXTENDED RATINGS

COOLING PERFORMANCE

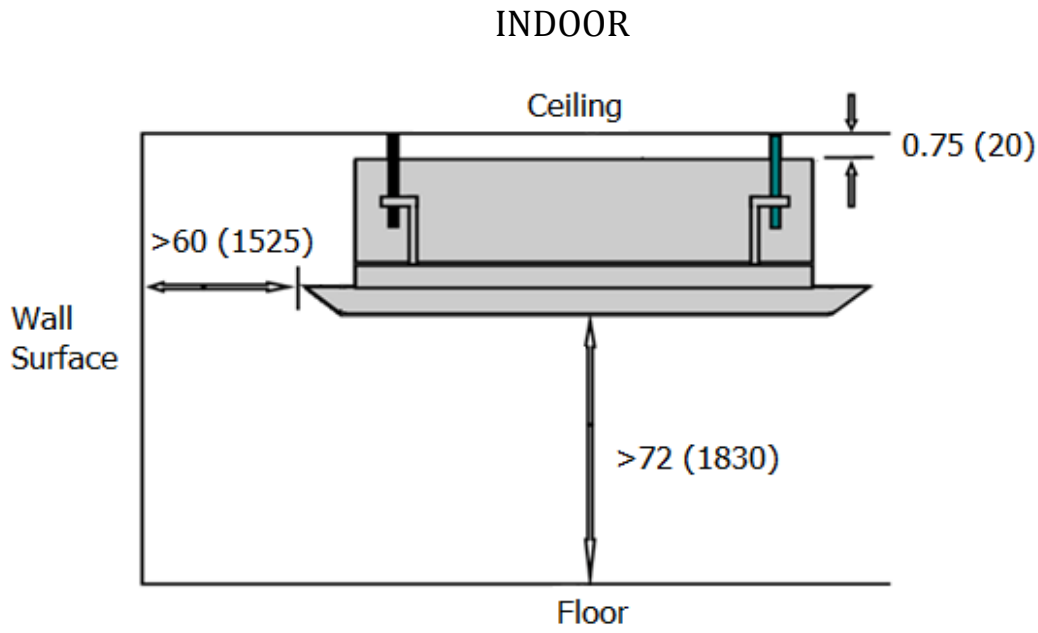


HEATING PERFORMANCE

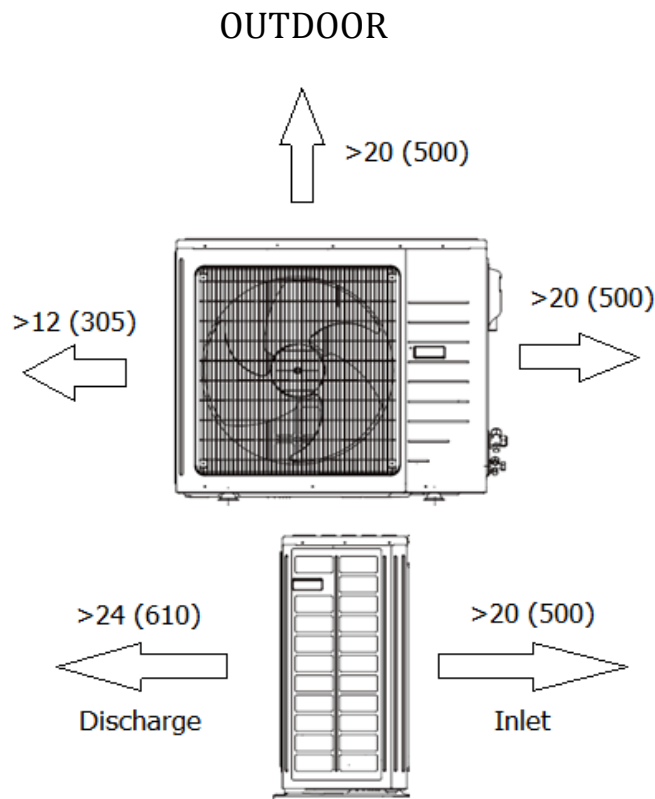


MINIMUM SPACING REQUIREMENTS

Units: inch (mm)



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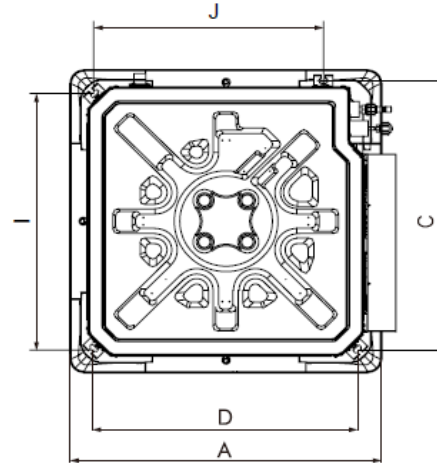
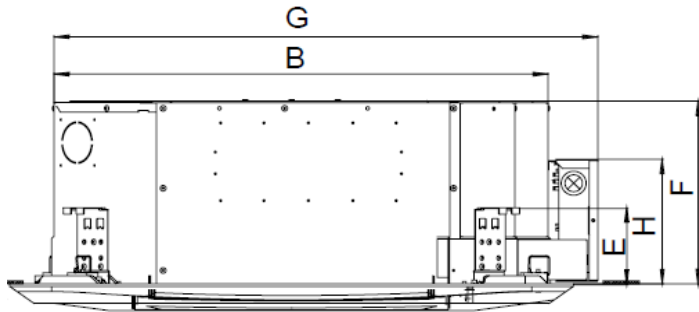


DIMENSIONAL SPECIFICATIONS

TU18HKI

INDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



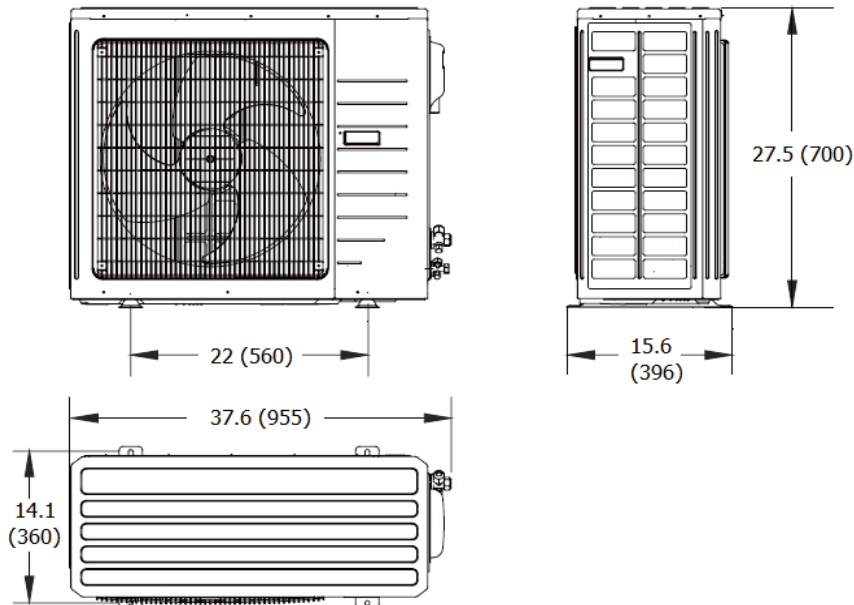
A	B	C	D	E	F	G	H	I	J
26.38	23.5	23.25	22.625	5.75	9.5	26.125	9.25	22.625	19.875
670	596	592	575	145	240	665	236	575	505

Net Weight	44 lbs
Shipping Weight	53 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.