

**Light Commercial Cassette
Series**

TOSOT

MODEL: TU18HKI/TU18H3O

Project Name:

Location:

Engineer Name:

Purchaser:

Unit Designation:

Schedule No.

Submitted To:

Date:



General Features

- High Ceiling Applications
- Comfortable Airflow
- Water Drainage Pump
- 3 Dimensional Blade for quiet operation
- Flexible Installation
- Easy Maintenance

- Microcomputer Control
- Wireless Controller,
- Optional wired Controller

Unit Performance:

Cooling:	
Capacity (Min-Rated-Max, Btu/h)	5,400-17,100-18,700
SEER	16
EER	10.05
Heating:	
Capacity (Min-Rated-Max, Btu/h)	4,700-18,400-22,200
HSPF	9.5
COP (W/W)	3

Compressor

Cooling Operation Ambient temp. Range	0~115 °F
Heating Operation Ambient temp. Range	0~75 °F
Compressor Type	Inverter Rotary
Compressor RLA (A)	12
Crankcase Heater	Yes

Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size (ODU/IDU)	AWG 10/17
MOP (A)	25
MCA (A)	17
Cooling Rated Amps (A)	12.79
Heating Rated Amps (A)	12.28
Compressor RLA (A)	12
Indoor Fan Motor Full Load Amp (A)	0.5
Outdoor Fan Motor Full Load Amp (A)	1.5
Nominal Cooling Power Input (kW)	1.7
Nominal Heating Power Input (kW)	1.8

Unit Specification

Refrigerant Type	R410A
Refrigerant Charge (oz)	43.49
ODU Sound Pressure (dB(A))	56
IDU Sound Pressure (dB(A))	47/44/37
ODU Net Weight (lbs)	105.8
IDU Net Weight (lbs)	44.1
Dehumidifying (Pint/h)	1.8

Fan

ODU / IDU Type	Axial-flow/Centrifugal
Fan Motor Power Output (HP)	1/6 x 1
Motor/Drive	Direct Drive
ODU Max Air Flow Rate (CFM)	1880
IDU Air Flow Rate (CFM)	445

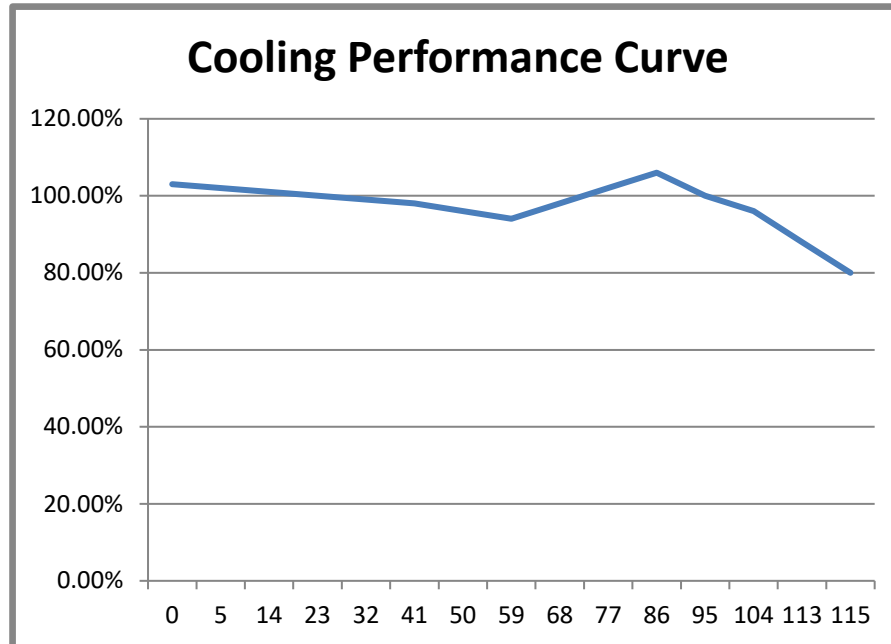
Piping

Liquid Line (in, OD)	1/4
Gas Line (in, OD)	1/2
Additional Refrigerant (oz./ft.)	0.3
Max Pipe Length (ft.)	65.6
Piping Length (no add'l refrigerant, ft.)	25
Max Elevation (ft.)	49.2

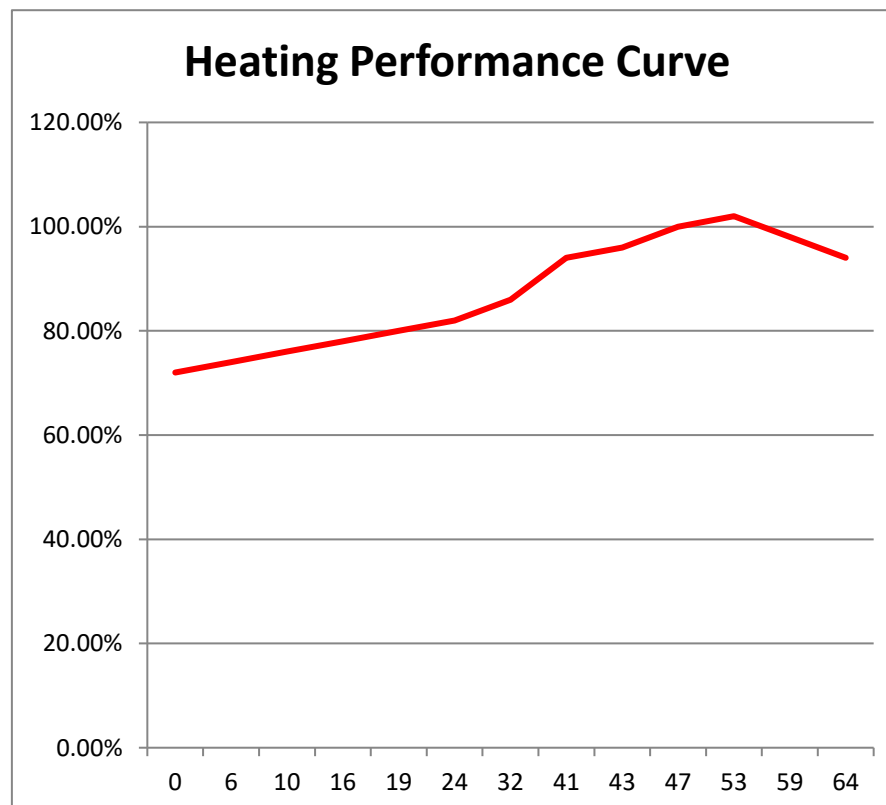
AHRI certification Ref #



Cooling Performance F / %



Heating Performance F / %



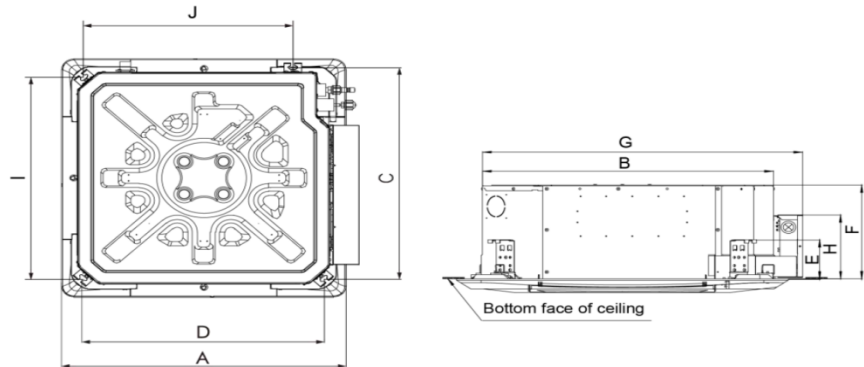
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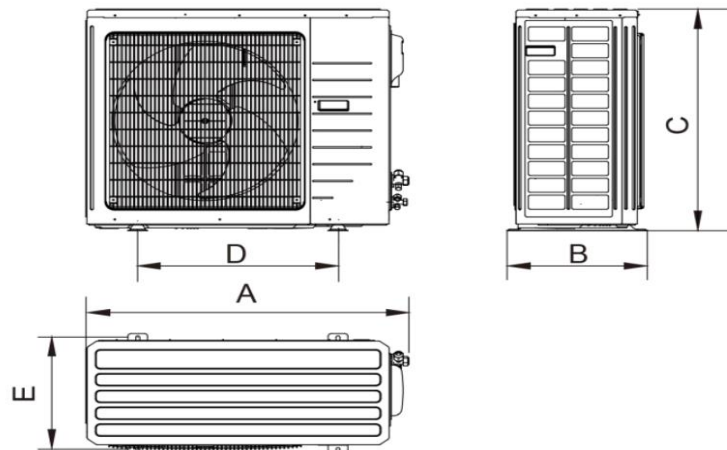
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Outline Dimension Diagram

	mm	(inch)
A	670	(26-3/8)
B	596	(23-1/2)
C	592	(23-1/4)
D	575	(22-5/8)
E	145	(5-3/4)
F	240	(9-1/2)
G	665	(26-1/8)
H	236	(9-1/4)
I	575	(22-5/8)
J	505	(19-7/8)



A	955	(37-5/8)
B	396	(15-5/8)
C	700	(27-1/2)
D	560	(22)
E	360	(14-1/8)



Approved By:

Signature

Date

TOSOT

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