

**Light Commercial Floor-Ceiling
Series**

TOSOT

MODEL: TU18HTI/TU18H3O

Project Name:

Location:

Engineer Name:

Purchaser:

Unit Designation:

Schedule No.

Submitted To:

Date:



General Features

- Compact Design
- Wide Discharge Range
- Microcomputer Control

- Flexible Installation
- Comfortable Airflow
- Easy Maintenance

Unit Performance:

Cooling:

Capacity (Min-Rated-Max, Btu/h) 5,400-17,100-19,800

SEER 17

EER 11

Heating:

Capacity (Min-Rated-Max, Btu/h) 4,700-19,100-23,200

HSPF 9.5

COP (W/W) 3.61

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) 0.6

Outdoor Fan Motor Full Load Amp (A) 1.5

Nominal Cooling Power Input (kW) 1.55

Nominal Heating Power Input (kW) 1.65

Unit Specification

Refrigerant Type R410A

Refrigerant Charge (oz) 49.39

ODU Sound Pressure (dB(A)) 56

IDU Sound Pressure (dB(A)) 44/38/32

ODU Net Weight (lbs) 105.8

IDU Net Weight (lbs) 86

Dehumidifying (Pint/h) 1.6

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) 585

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

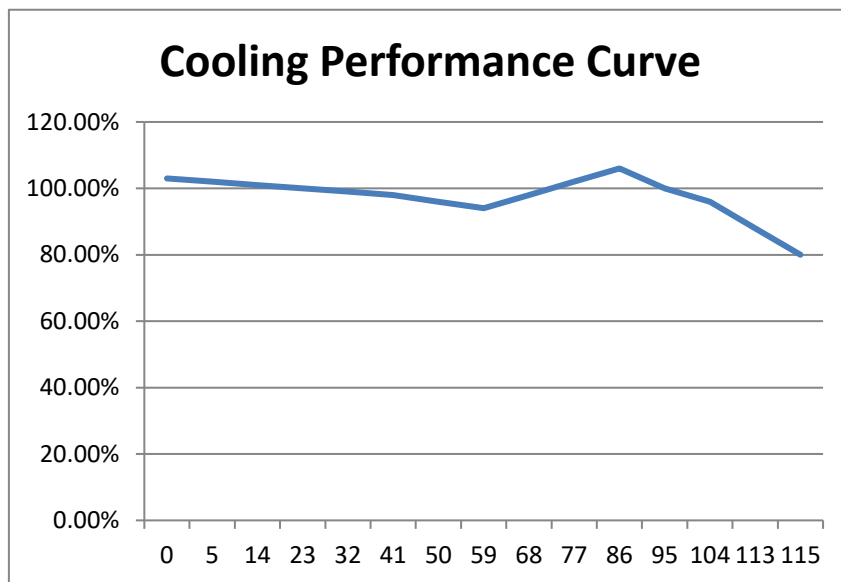
Piping Length (with factory charge, ft.) 25

Max Elevation (ft.) 49.2

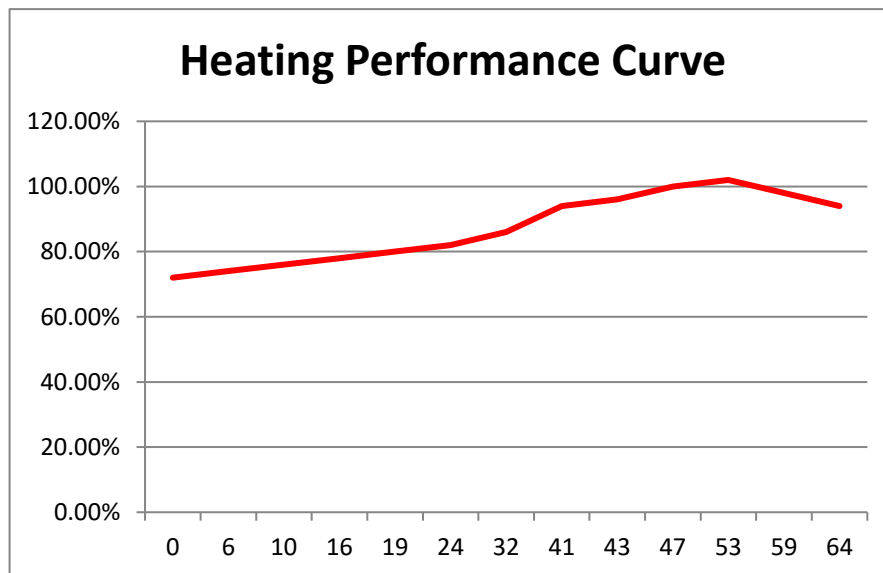
AHRI Certification Ref #



Cooling Performance F / %

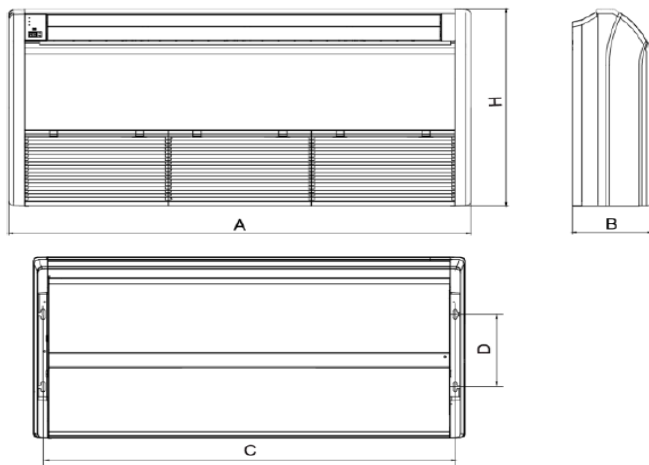


Heating Performance F / %

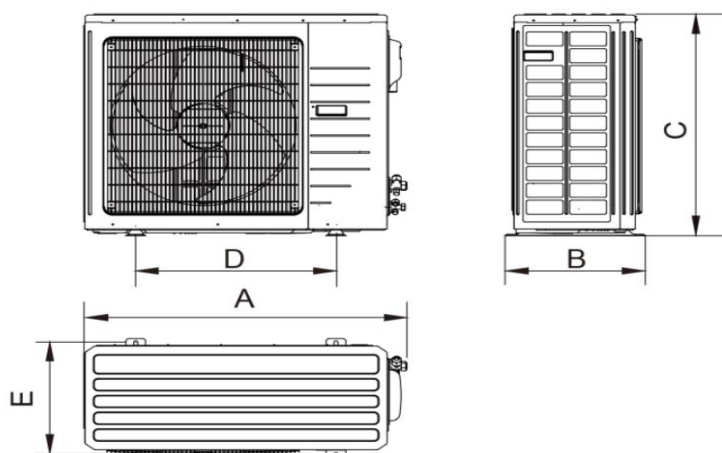


Outline Dimension Diagram

	mm	(inch)
A	1220	(48)
B	225	(8-7/8)
C	1158	(45-5/8)
D	280	(11)
H	700	(27-1/2)



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

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