

Light Commercial Duct Series**TOSOT****MODEL: TU48HFI/TU48H3O**

Project Name:

Engineer Name:

Unit Designation:

Submitted To:

Date:

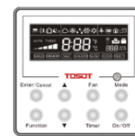
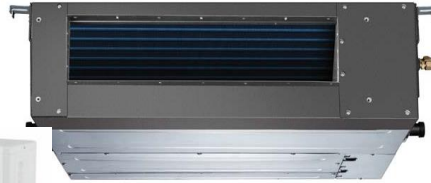
Location:

Purchaser:

Schedule No.

General Features

- Powerful Drain Pump Lift
- Adjustable Fan Speed
- Highly Flexible Installation
- Microcomputer Control



- Water condensate Pump
- High external static pressure
- Wired Controller

Unit Performance:**Cooling:**

Capacity (Min-Rated-Max, Btu/h) 20,400-48,000-49,500

SEER 16

EER 9.3

Heating:

Capacity (Min-Rated-Max, Btu/h) 17,500-54,500-58,000

HSPF 9

COP (W/W) 3.11

Unit Specification

Refrigerant Type R410A

Refrigerant Charge (oz) 141.12

ODU Sound Pressure (dB(A)) 59

IDU Sound Pressure (dB(A)) 55/49/45

ODU Net Weight (lbs) 231.5

IDU Net Weight (lbs) 123.5

Dehumidifying (Pint/h) 3.8

Fan

ODU / IDU Type Axial-flow/Centrifugal

Fan Motor Power Output (HP) 1/6 x 2

Motor/Drive Direct Drive

ODU Max Air Flow Rate (CFM) 3880

IDU Air Flow Rate (CFM) 1470

ESP Range (InWg) 0-0.5

Compressor

Cooling Operation Ambient temp. Range 0~115 °F

Heating Operation Ambient temp. Range 0~75 °F

Compressor Type Inverter Rotary

Compressor RLA (A) 32.5

Crankcase Heater Yes

Electrical Specification

Power Supply 208-230V / 60Hz

Communications Wire Size(ODU/IDU) AWG 10/17

MOP (A) 70

MCA (A) 45

Cooling Rated Amps (A) 34.27

Heating Rated Amps (A) 34.27

Compressor RLA (A) 32.5

Indoor Fan Motor Full Load Amp (A) 4

Outdoor Fan Motor Full Load Amp (A) 2 x 2

Nominal Cooling Power Input (kW) 5.15

Nominal Heating Power Input (kW) 5.15

Piping

Liquid Line (in, OD) 3/8

Gas Line (in, OD) 5/8

Additional Refrigerant (oz./ft.) 0.6

Max Pipe Length (ft.) 164

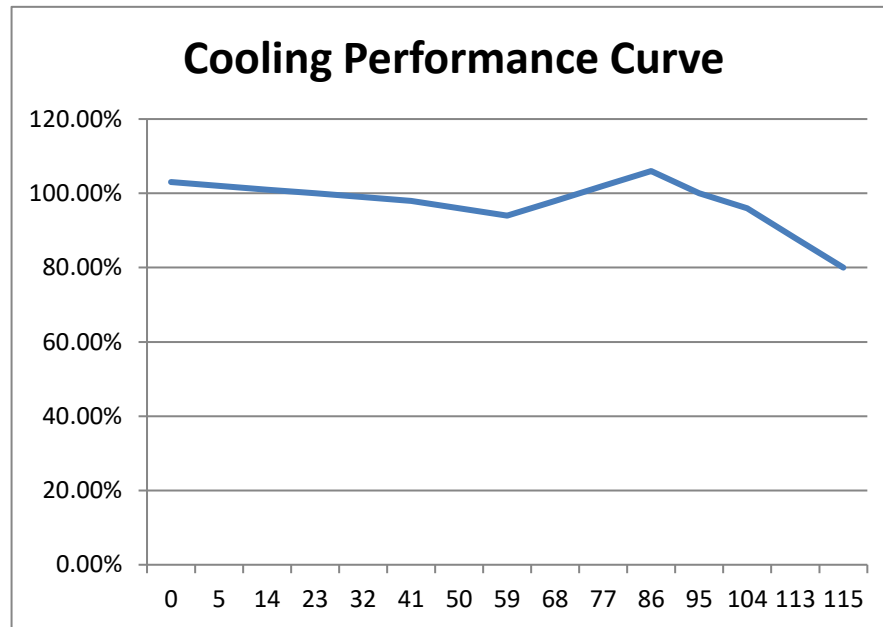
Piping Length (with factory charge, ft.) 25

Max Elevation (ft.) 98.4

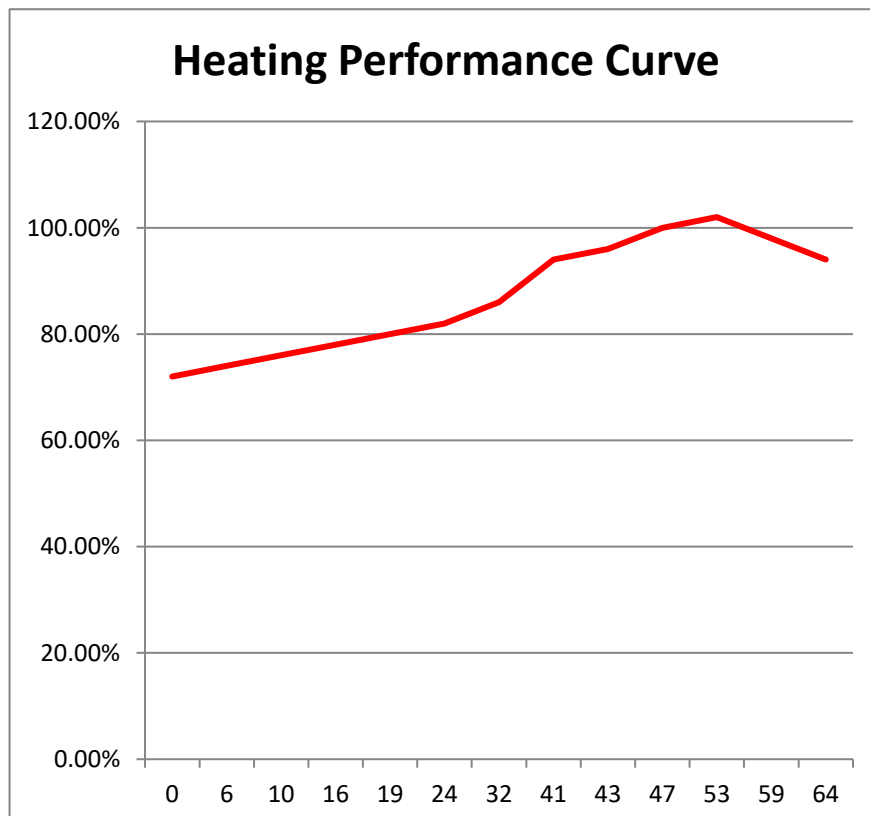
AHRI Certification Ref #



Cooling Performance F / %

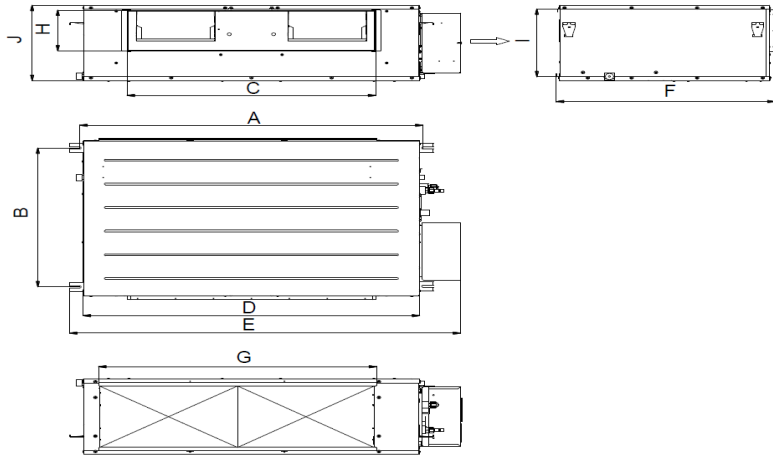


Heating Performance F / %

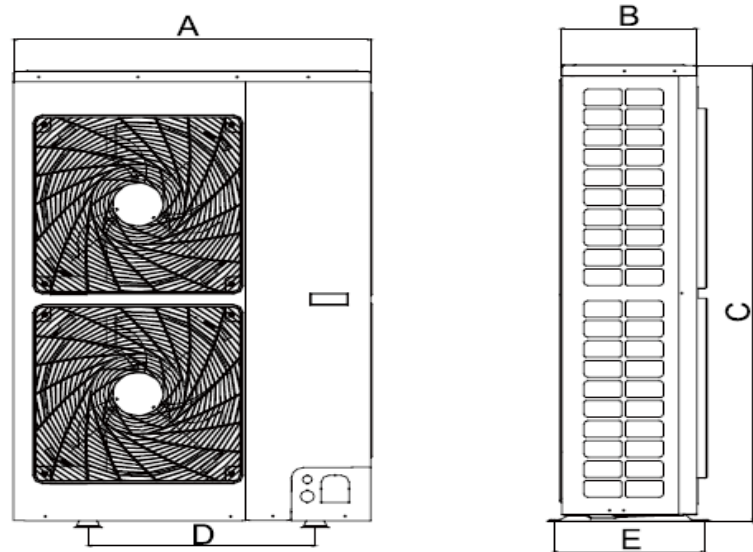


Outline Dimension Diagram

	mm	(inch)
A	1177	(46-3/8)
B	646	(25-3/8)
C	852	(33-1/2)
D	1150	(45-1/4)
E	1340	(52-3/4)
F	750	(29-1/2)
G	953	(37-1/2)
H	190	(7-1/2)
I	316	(12-1/2)
J	350	(13-3/4)



A	958	(37-3/4)
B	412	(16-1/4)
C	1349	(53-1/8)
D	572	(22-1/2)
E	376	(14-3/4)



Approved By:

Signature

Date

TOSOT

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