

Light Commercial

MODEL: TU30HF1/TU30H30

TOSOT

Job Name:

Engineer Name:

System No:

- File       Resubmit  
 Approval    Other

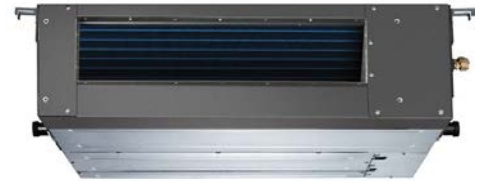
Location:

Contractor:

Date:

**General Features**

- Powerful Drain Pump Lift
- Adjustable Fan Speed
- Highly Flexible Installation
- Microcomputer Control
- Water condensate Pump
- High external static pressure
- Wired Controller
- Wireless+Receiver Board are Optional



**Unit Performance:**

<i>Cooling:</i>	
Capacity (Min-Rated-Max, Btu/h)	8,200-28,200-29,600
SEER	16
EER	8.55
<i>Heating:</i>	
Capacity (Min-Rated-Max, Btu/h)	8,200-31,200-33,600
HSPF	9
COP (W/W)	2.97

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**Unit Specification**

Refrigerant Type	R410A
Refrigerant Charge (oz)	84.67
ODU Sound Pressure (dB(A))	58
IDU Sound Pressure (dB(A))	47/44/40
ODU Net Weight (lbs)	158.8
IDU Net Weight (lbs)	77.2
Dehumidifying (Pint/h)	2.2

*Fan*

ODU / IDU Type	Axial-flow/Centrifugal
Quantity (ODU + IDU)	1+2
Motor/Drive	Direct Drive
ODU Max Air Flow Rate (CFM)	2350
IDU Air Flow Rate (CFM)	820
ESP Range (InWg)	0-0.3

**Compressor**

Cooling Operation Ambient temp. Range	0~115 °F
Heating Operation Ambient temp. Range	0~75 °F
Compressor Type	Inverter Rotary
Fan Motor Power Output (HP)	1/6 x 2
Crankcase Heater	Yes

**Electrical Specification**

Power Supply	208-230V / 60Hz
Communications Wire Size(ODU/IDU)	AWG 10/17
MOP (A)	40
MCA (A)	24
Cooling Rated Amps (A)	19.95
Heating Rated Amps (A)	20.97
Compressor RLA (A)	18
Indoor Fan Motor Full Load Amp (A)	1.3
Outdoor Fan Motor Full Load Amp (A)	1.5
Nominal Cooling Power Input (kW)	3.3
Nominal Heating Power Input (kW)	3.1

*Piping*

Liquid Line (in, OD)	3/8
Gas Line (in, OD)	5/8
Additional Refrigerant (oz./ft.)	0.6
Max Pipe Length (ft.)	98.4
Piping Length (no add'l refrigerant, ft.)	25
Max Elevation (ft.)	49.2

AHRI Certification Ref #

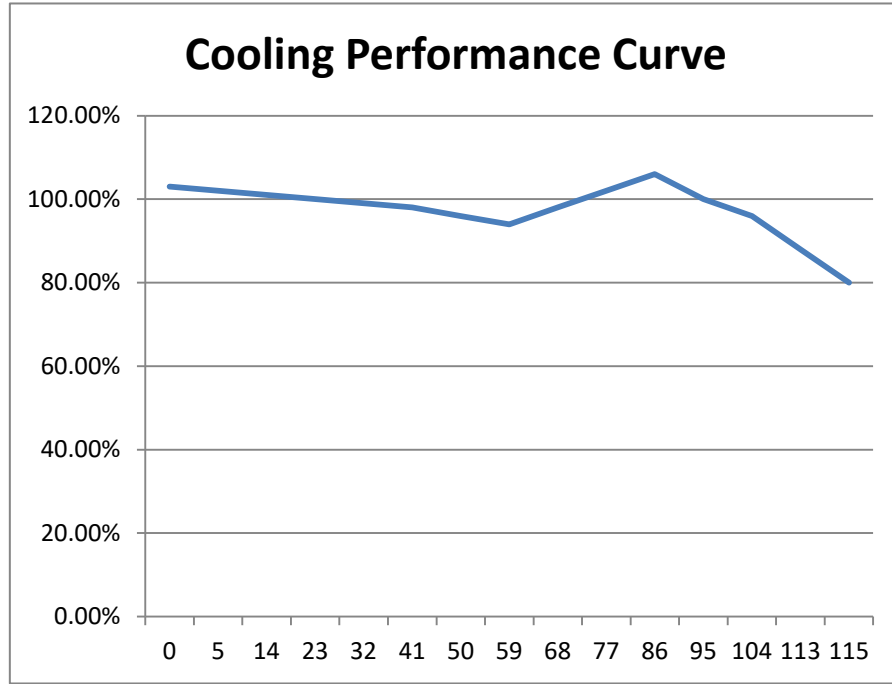


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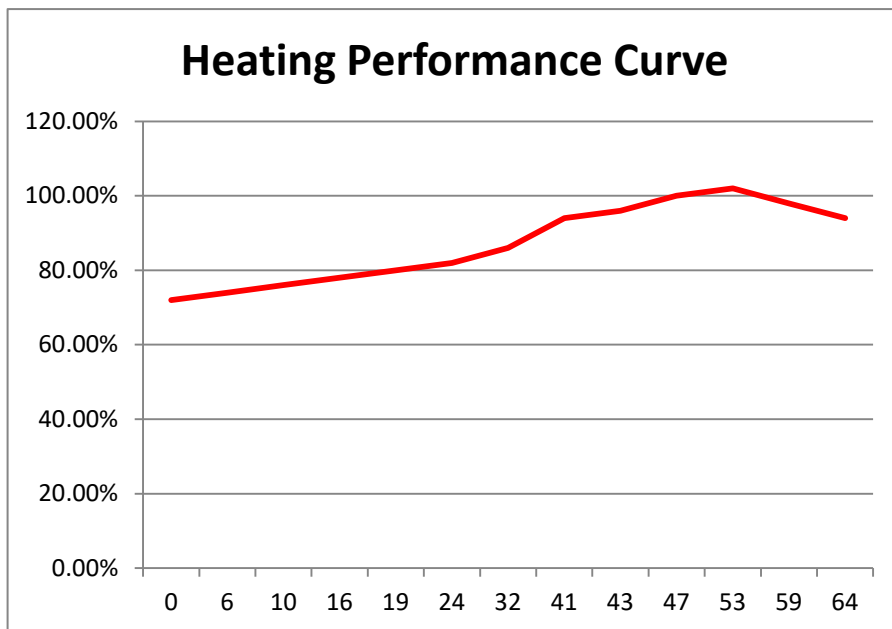
MODEL: TU30HFI/TU30H3O

**TOSOT**

Cooling Performance F / %



Heating Performance F / %



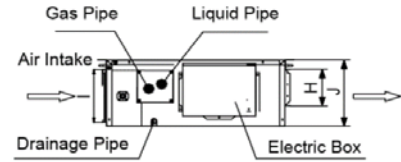
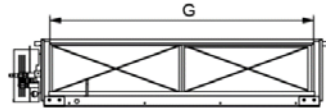
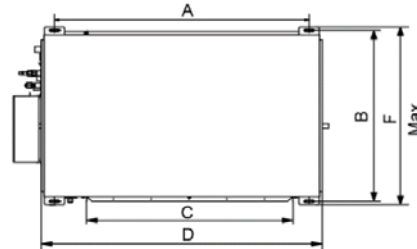
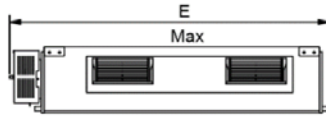
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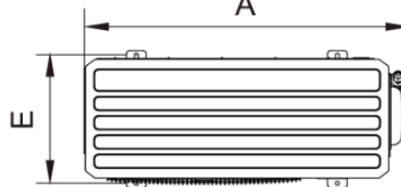
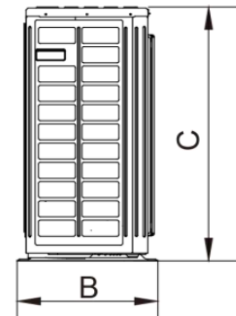
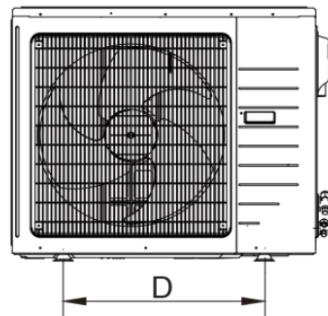
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**Outline Dimension Diagram**

	mm	(inch)
A	1101	(43-3/8)
B	517	(20-3/8)
C	820	(32-1/4)
D	1159	(45-5/8)
E	1279	(50-3/8)
F	558	(22)
G	1002	(39-1/2)
H	160	(6-1/4)
I	235	(9-1/4)
J	268	(10-1/2)



A	980	(38-5/8)
B	427	(16-3/4)
C	790	(31-1/8)
D	610	(24)
E	395	(15-1/2)



**GLOSSARY**

SEER - Seasonal Energy Efficiency Ratio

EER - Energy Efficiency Ratio

HSPF - Heating Seasonal Performance Factor

MOP - Maximum Overcurrent Protection

MCA - Minimum Circuit Ampacity

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