

Multi zone inverter mini split

TOSOT

MODEL: TM42H30

Project Name:

Location:

Engineer Name:

Purshaser:

Unit Designation:

Schedule No.

SubmittedTo:

Date:



General Features

- High And Low Pressure Protection Features
- Over Load Protection Features

- Over-Current Protection
- Anti Freeze Protection

Unit Performance:

<i>Cooling:</i>	-	-
Capacity (Min Rated Max, Btu/h)	8,871-38,999-40,944	
SEER		21
EER (Btu/h)/w		10.428
<i>Heating:</i>	-	-
Capacity (Min Rated Max, Btu/h)	8,871-45,004-46,062	
HSPF		10.2
COP (W/W)		3.614

Unit Specification

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (dB(A))	61
Net Weight (lbs)	198
Min. Number IDU	N/A
Max. Number IDU	5
Dehumidification (Pint/h)	N/A
Heat Exchanger Coating	GoldFin™

Piping

Refrigerant Charge (lbs)	8
Liquid Line (in)	1/4
Gas Line (in)	3/8
Max Total Piping (ft)	246
Max ODU to IDU Piping (per zone, ft)	82
Total Piping Length (with factory charge, ft)	131.2
Max Elevation between ODU and IDU (ft)	49.2
Max Elevation between IDU and IDU (ft)	24.6

Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size	AWG 14/4
MOP (A)	40
MCA (A)	25
Cooling Rated Amps (A)	16.5
Heating Rated Amps (A)	16
Compressor RLA (A)	17.8
Fan Motor RLA (A)	0.73
Nominal Cooling Power Input (kW)	3.74
Nominal Heating Power Input (kW)	3.65

Operating Range:

Cooling (°F)	0-118
Heating (°F)	-5-75

Compressor:

Quantity	1
Type	Inverter Rotary
Oil/Type	FV50S

Fan

Type	Axial-flow
Quantity	1
Motor/Drive	DC motor/Direct drive
Max Air Flow Rate (CFM)	4531

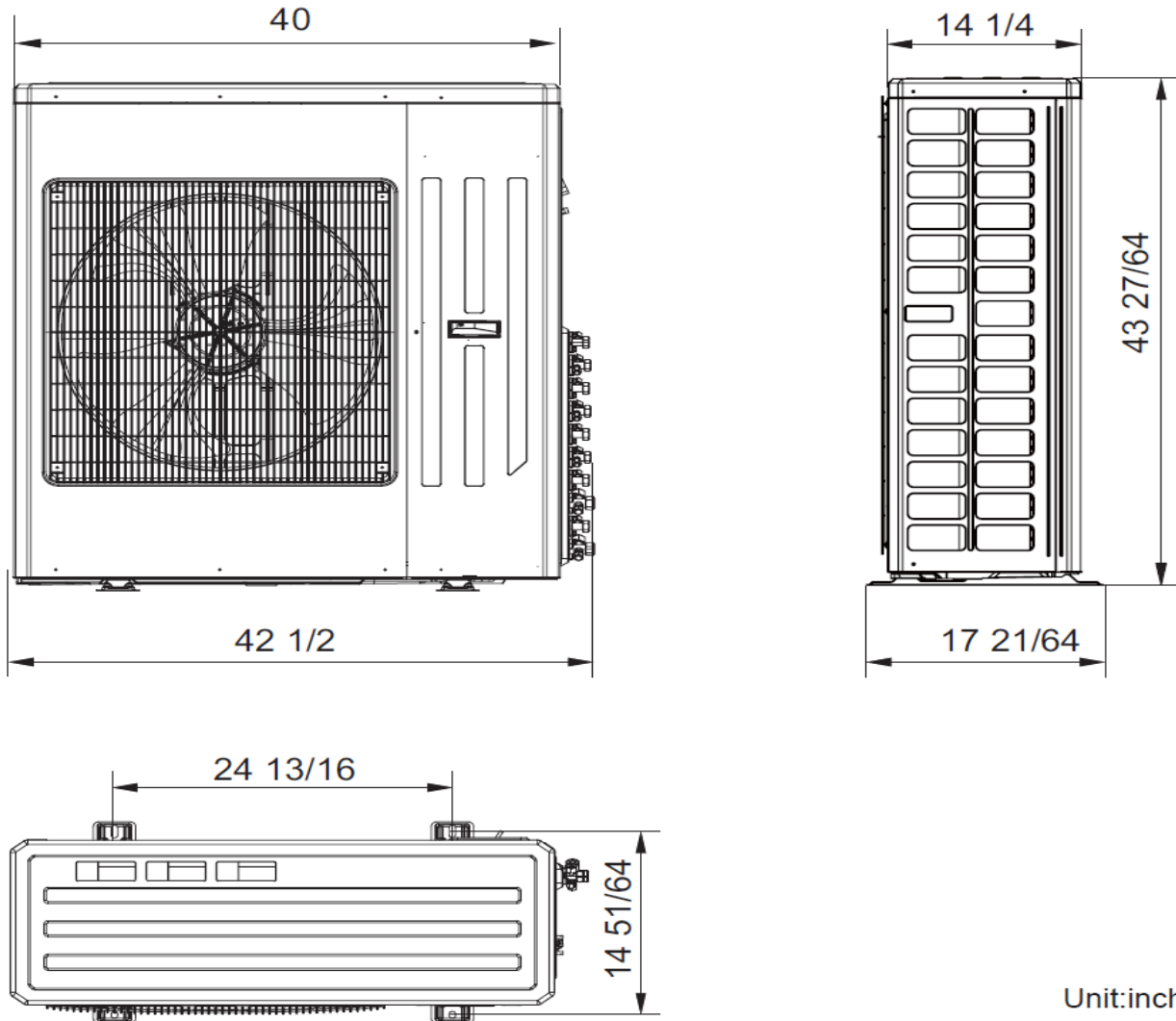


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Outline Dimension Diagram



Unit:inch

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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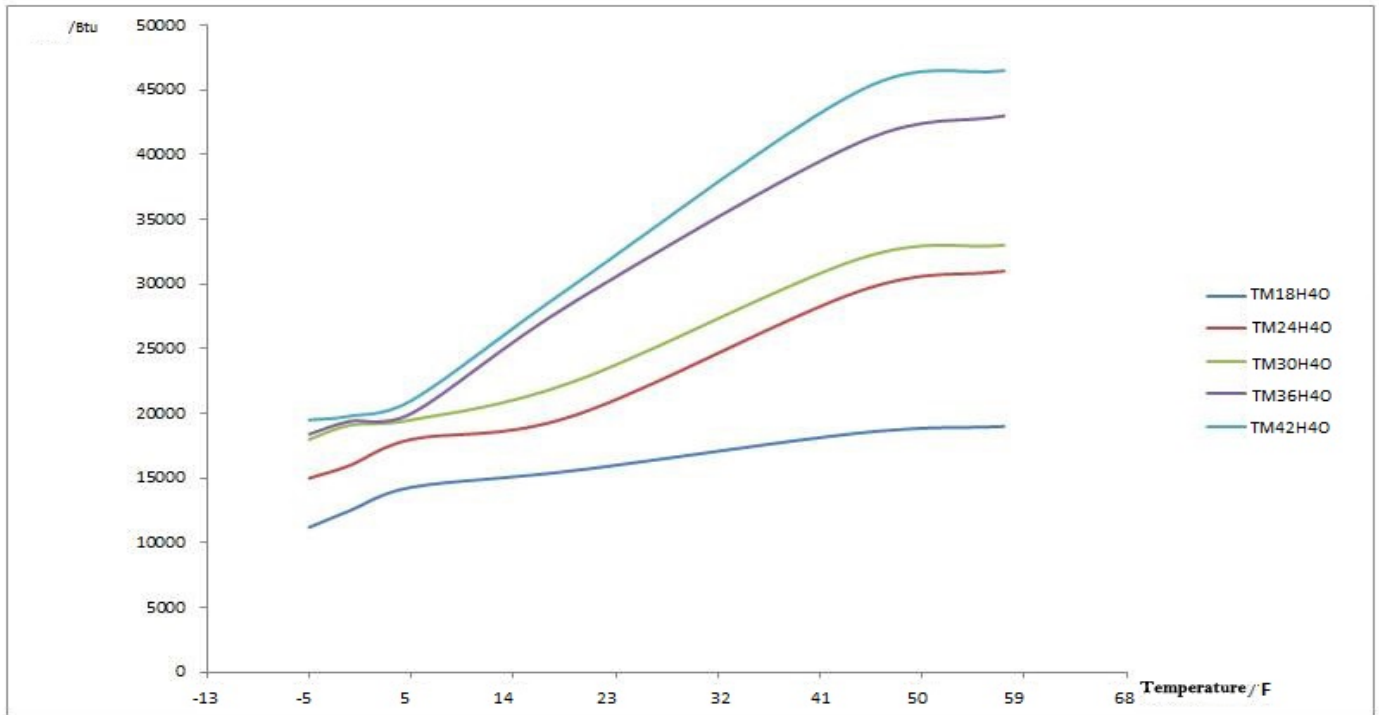
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MODEL: TM42H3O

COMBINATIONS

42K ODU

Any combination of up to 5 indoor units, not to exceed 63,000 BTU



Approved By:

Signature

Date

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