

Multi zone inverter mini split

MODEL: TM24H40

TOSOT

Job Name:

Location:

Engineer Name:

File Resubmit

Contractor:

System No:

Approval Other

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)	7,500-24,000-33,000
SEER	21
EER (Btu/h)/w	12.5
<i>Heating:</i>	
Capacity (Min-Rated-Max, Btu/h)	7,500-26,000-27,978
HSPF	10.5
COP (W/W)	3.72

Piping

Refrigerant Charge (lbs)	4.8
Liquid Line (in)	1/4
Gas Line (in)	3/8
Max Total Piping (ft)	196.8
Max ODU to IDU Piping (ft)	65.6
Total Piping Length (no add'l refrigerant, ft)	98.4
Max Elevation between ODU and IDU (ft)	32.8
Max Elevation between IDU and IDU (ft)	32.8

Operating Range:

Cooling (°F WB)	0~118
Heating (°F DB)	-5~75

Unit Specification

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (dB(A))	59
Net Weight (lbs)	152.9
Min. Number IDU	N/A
Max. Number IDU	3
Dehumidification (Pint/h)	N/A
Heat Exchanger Coating	GoldFin™

Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size	AWG 14/4
MOP (A)	30
MCA (A)	30
Cooling Rated Amps (A)	8.35
Heating Rated Amps (A)	8.9
Compressor RLA (A)	15.82
Fan Motor RLA (A)	0.46
Nominal Cooling Power Input (kW)	1.92
Nominal Heating Power Input (kW)	2.05

Compressor:

Quantity	1
Type	Inverter Rotary
Oil/Type	RB68EP

Fan

Type	Axial-flow
Quantity	1
Motor/Drive	DC motor/Direct drive
Max Air Flow Rate (CFM)	2354

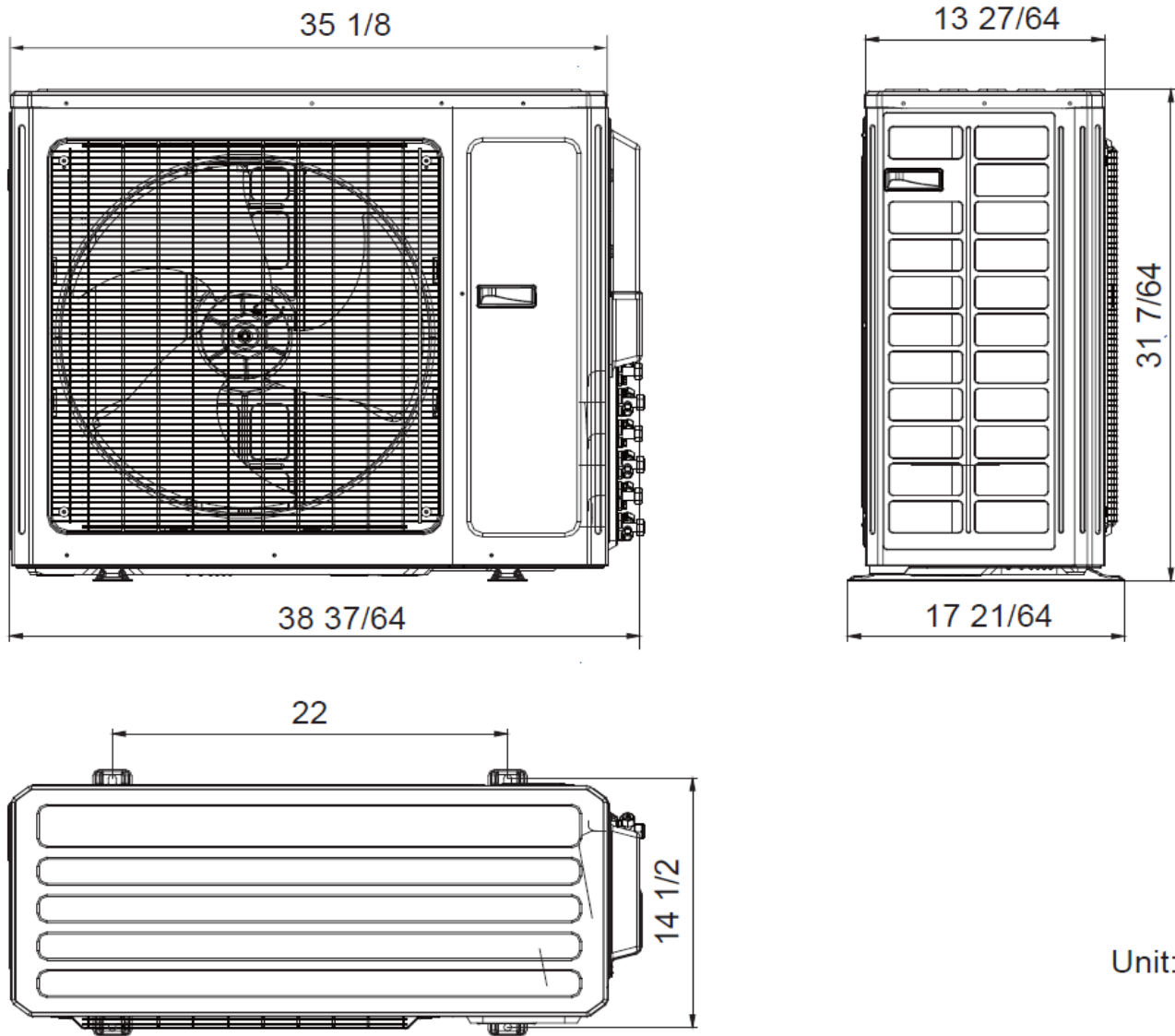


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Outline Dimension Diagram



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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COMBINATIONS

24K ODU

09 + 09	✓
09 + 12	✓
09 + 18	✓
12 + 12	✓
12 + 18	✓
18 + 18	✓
09 + 09 + 09	✓
09 + 09 + 12	✓
09 + 09 + 18	✓
09 + 12 + 12	✓
12 + 12 + 12	✓

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