# Ultra Heat Multi Zone Heat Pump

TOSOT

## MODEL: TM24H5O

Engineer Name:

Unit Designation: SubmittedTo: Date:

### **General Features**

- High And Low Pressure Protection Features
- Over Load Protection Features
- 100% Heating Capacity at -4F
- 80% Heating Capacity at -22F
- Stable Operation at -31F!
- Drain Pan Heater Included

#### Unit Performance:

Cooling:	
Capacity (Min Rated Max, Btu/h)	7,500-22,000-33,000
SEER	23
EER (Btu/h)/w	12.5
Heating:	
Capacity (Min Rated Max, Btu/h)	7,650-26,000-31,000
HSPF	10.5
COP (W/W)	3.66

#### Piping

Refrigerant Charge (Ibs)	6
Liquid Line (in)	1/4
Gas Line (in)	3/8
Max Total Piping (ft)	229.6
Max ODU to IDU Piping (per zone, ft)	82
Total Piping Length (with factory charge, ft)	98.4
Max Elevation between ODU and IDU (ft)	26
Max Elevation between IDU and IDU (ft)	26

#### **Operating Range:**

Cooling (°F)	0~118
Heating (°F)	-31~75



Location: Purshaser: Schedule No.

### • Over-Current Protection

- Anti Freeze Protection
- Optional BMS Integration

#### **Unit Specification**

R410A
EEV
60
174
1
3
N/A
GoldFin™
208-230∨ / 60Hz
AWG 14/4
40
30
7.65
9.1
17
0.38
1.76
2.09
1
Inverter Rotary
FW68DA
Axial-flow
1
DC motor/Direct drive
2530

For continual product development, TOSOT America reserves the right to change specifications without notice.

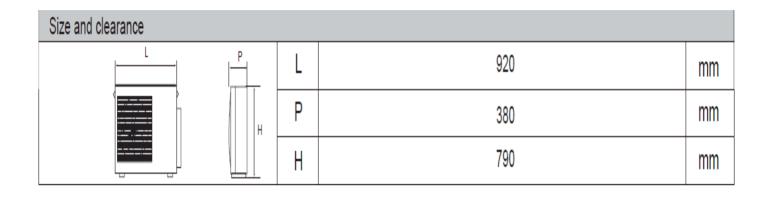


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## **Outline Dimension Diagram**



#### GLOSSARY

SEER Seasonal Energy Efficiency Ratio

EER Energy Efficiency Ratio

HSPF - Heating Seasonal Performance Factor

MOP - Maximum Overcurrent Protection

MCA Minimum Circuit Ampacity



Approved By:

Signature

Date



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