

O2 Series Cooling Only**TOSOT****MODEL: TW18CM1C2D**

Project Name:

Location:

Engineer Name:

Purshaser:

Unit Designation:

Schedule No.

SubmittedTo:

Date:

**Unit Performance:**

Cooling:	
Capacity (Min-Rated-Max, Btu/h)	7,200-18,000-20,000
SEER	15
EER	8.5
Heating:	
Capacity (Min-Rated-Max, Btu/h)	/
HSPF	/
COP (W/W)	/

Unit Specification

Refrigerant Type	R410A
Refrigerant Charge (oz)	63.5
ODU Sound Pressure (dB(A))	56
IDU Sound Pressure (dB(A))	48/42/39/36
ODU Net Weight (lbs)	101
IDU Net Weight (lbs)	27
Dehumidifying (Pint/h)	3.8

Fan

ODU / IDU Type	Axial-flow/Cross-flow
Quantity (ODU + IDU)	1+1
IDU Air Flow Rate (CFM)	506/459/383/324

Compressor

Cooling Operation Ambient temp. Range	64~109 F
Heating Operation Ambient temp. Range	/
Compressor Type	Rotary
Fan Motor Output (W)	/
Crankcase Heater	/

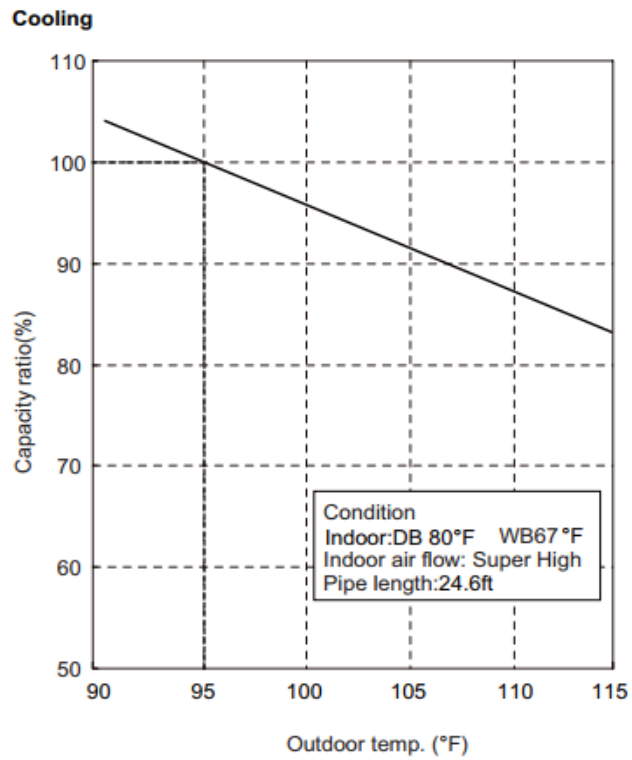
Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size	AWG 14
MOP (A)	25
MCA (A)	17
Compressor RLA (A)	7.2
Indoor Fan Motor RLA (A)	0.32
Outdoor Fan Motor RLA (A)	0.365

Piping

Liquid Line (in, OD)	1/4
Gas Line (in, OD)	1/2
Additional Refrigerant (oz./ft.)	0.23
Max Pipe Length (ft.)	82
Max Elevation (ft.)	49



Capacity Variation Ratio According to Temperature**GLOSSARY**

SEER - Seasonal Energy Efficiency Ratio

EER - Energy Efficiency Ratio

HSPF - Heating Seasonal Performance Factor

MOP - Maximum Overcurrent Protection

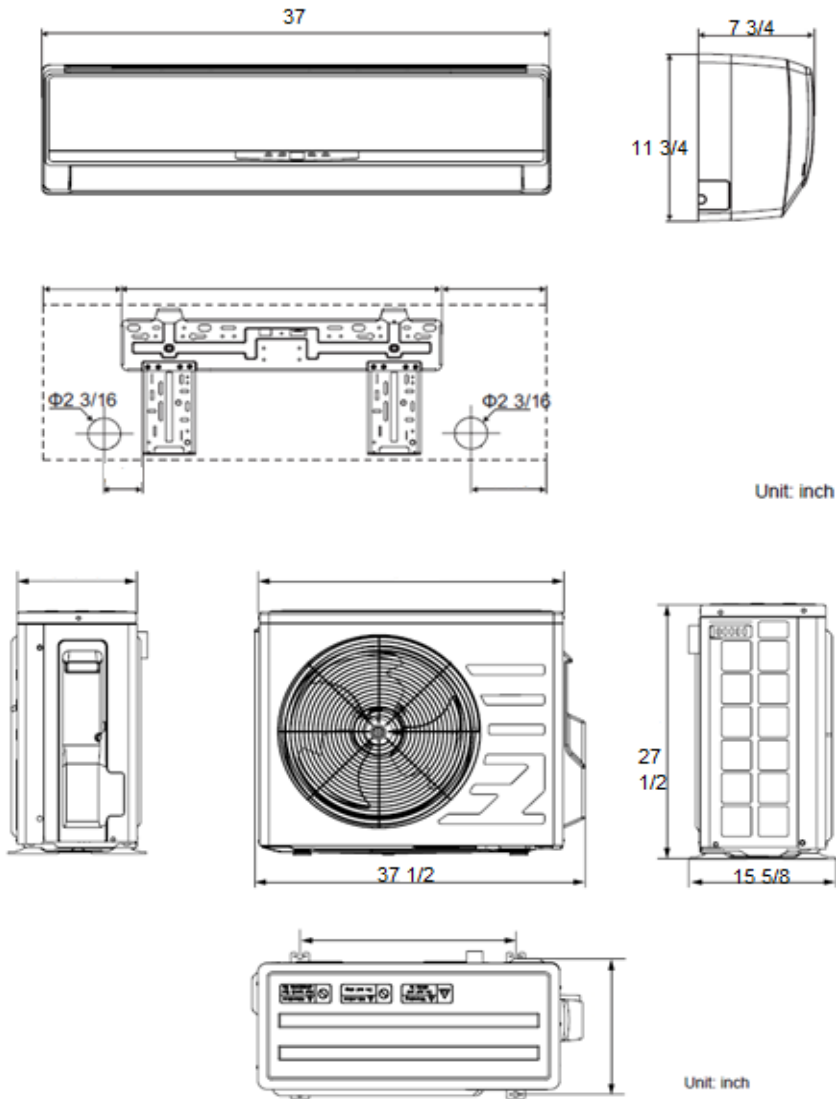
MCA - Minimum Circuit Ampacity

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Outline Dimension Diagram



Approved By:

Signature

Date

TOSOT

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