

Lomo16 Cooling Only

TOSOT

MODEL: TW09CQ1C8D

Project Name:

Engineer Name:

Unit Designation:

Submitted To:

Date:

Location:

Purchaser:

Schedule No.



General Features

- High And Low Pressure Protection Features
- Load Protection Features
- Over-Current Protection
- Anti Freeze Protection
- Memory Function
- LED display



- Smart 1 Hertz Inverter Technology
- Low Ambient Cooling to 5 °F
- Multiple Fan Speeds
- Fan Delay Function
- Intelligent Pre-heating / Defrost
- Control lock

Unit Performance:

Cooling:	-	-
Capacity (Min Rated Max, Btu/h)	3,099-9,000-9,599	
SEER		16
EER		10
Heating:	-	-
Capacity (Min Rated Max, Btu/h)		N/A
HSPF		N/A
COP (Btu/h)/w		N/A

Compressor

Cooling Operation Ambient temp. Range	5-115 °F
Heating Operation Ambient temp. Range	N/A
Compressor Type	Swing
Compressor RLA (A)	4
Crankcase Heater	Yes

Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size	AWG 14
MOP (A)	15
MCA (A)	9
Cooling Rated Amps (A)	5.8
Heating Rated Amps (A)	N/A
Compressor RLA (A)	4
Indoor Fan Motor RLA(A)	0.215
Outdoor Fan Motor RLA(A)	0.36
Nominal Cooling Power Input (kW)	0.9
Nominal Heating Power Input (kW)	N/A

Unit Specification

Refrigerant Type	R410A
Refrigerant Charge (oz)	24.7
ODU Sound Pressure (dB(A))	52
IDU Sound Pressure (dB(A))	43/38/34/28
ODU Net Weight (lbs)	66.2
IDU Net Weight (lbs)	20

Fan

ODU / IDU Type	Axial-flow/Cross-flow
Fan Motor Output (W)	30
Motor/Drive	Direct Drive
ODU Max Air Flow Rate (CFM)	1599
IDU Air Flow Rate (CFM)	171 / 318

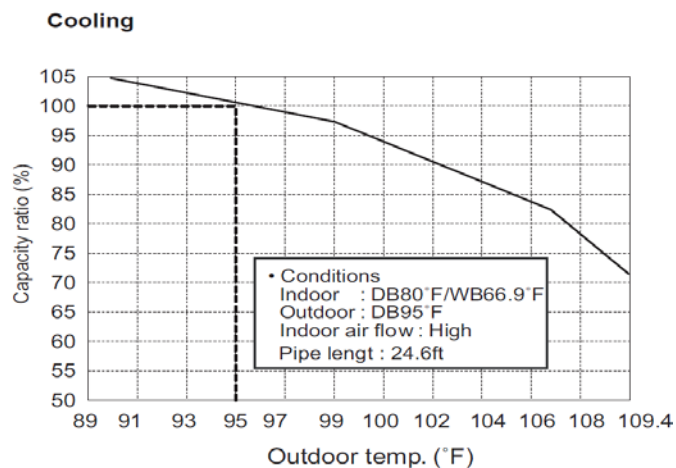
Piping

Liquid Line (in, OD)	1/4
Gas Line (in, OD)	3/8
Additional Refrigerant (oz./ft.)	0.2
Max Pipe Length (ft.)	49.2
Piping Length (with factory charge, ft.)	24.6
Max Elevation (ft.)	49



AHRI certification Ref #

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

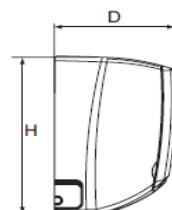
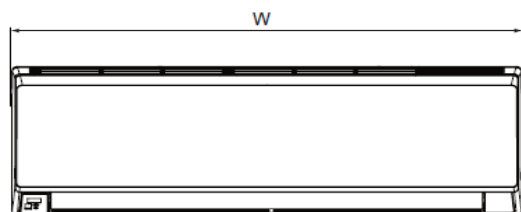
MCA Minimum Circuit Ampacity

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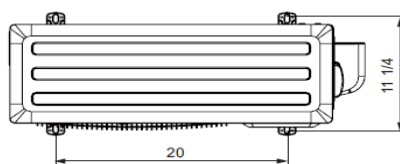
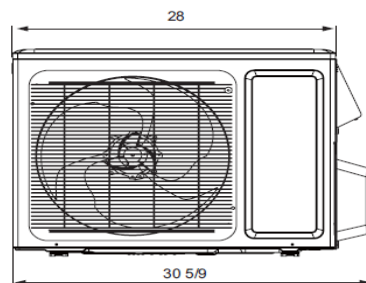
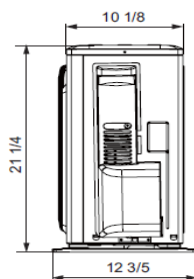
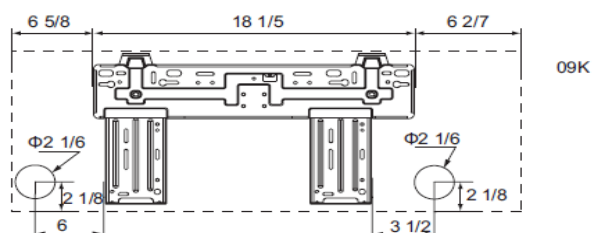
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Outline Dimension Diagram



W	H	D
31 1/9	10 5/6	7 7/8



Approved By:

Signature

Date

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