

Lomo16 Cooling Only

TOSOT

MODEL: TW18CQ1C8D

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)	7,165-18,000-20,000	
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	Rotary
Compressor RLA (A)	7.2
Crankcase Heater	Yes

Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size	AWG 14
MOP (A)	25
MCA (A)	16
Cooling Rated Amps (A)	11.5
Heating Rated Amps (A)	N/A
Compressor RLA (A)	7.2
Indoor Fan Motor RLA(A)	0.32
Outdoor Fan Motor RLA(A)	0.365
Nominal Cooling Power Input (kW)	1.92
Nominal Heating Power Input (kW)	N/A

Unit Specification

Refrigerant Type	R410A
Refrigerant Charge (oz)	35.3
ODU Sound Pressure (dB(A))	56
IDU Sound Pressure (dB(A))	46/42/39/35
ODU Net Weight (lbs)	90.4
IDU Net Weight (lbs)	29.8

Fan

ODU / IDU Type	Axial-flow / Cross-flow
Fan Motor Output (W)	60
Motor/Drive	Direct Drive
ODU Max Air Flow Rate (CFM)	3200
IDU Air Flow Rate (CFM)	282 / 471

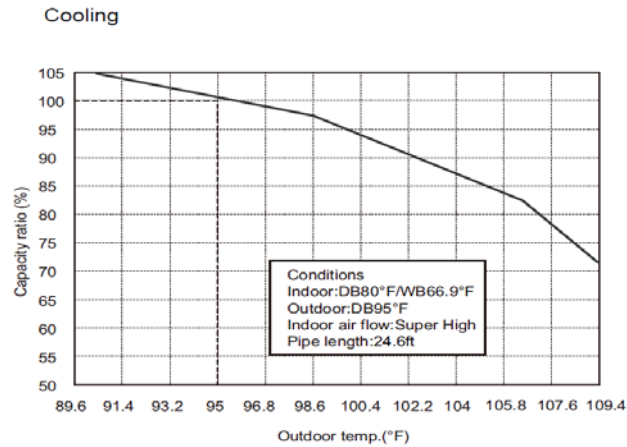
Piping

Liquid Line (in, OD)	1/4
Gas Line (in, OD)	1/2
Additional Refrigerant (oz./ft.)	0.161
Max Pipe Length (ft.)	82
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

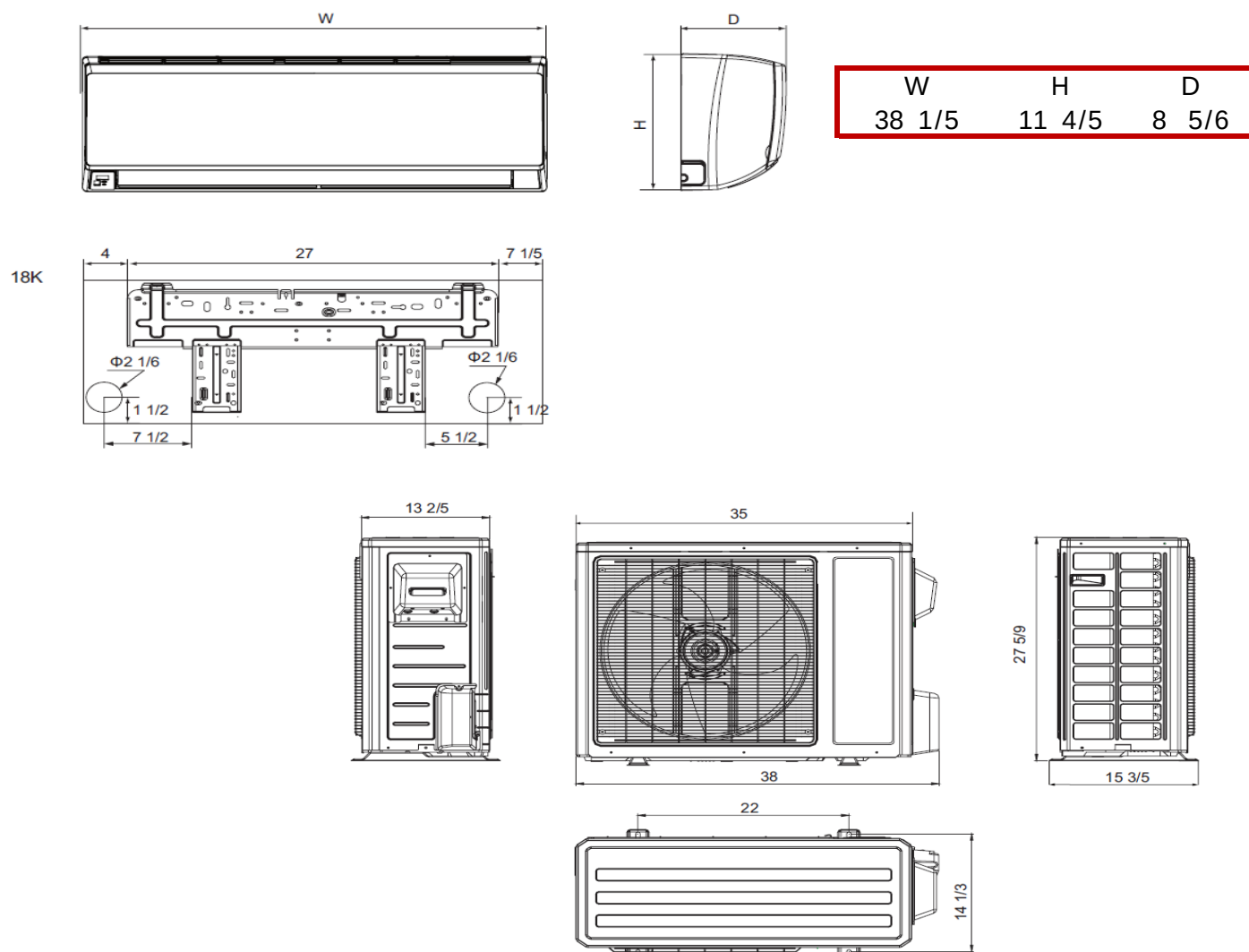
MCA Minimum Circuit Ampacity

Lomo16 Cooling Only

TOSOT

MODEL: TW18CQ1C8D

Outline Dimension Diagram



Unit: inch

Approved By:

Signature

Date

TOSOT

315 Boulevard Industriel, Châteauguay, QC, Canada J6J 4Z2

Contact: +1 (450) 698-4000
info@tosotamerica.com
tosotamerica.com