

Lomo Eco Heat Pump



MODEL: TW24HQ1B2D

Project Name:

Location:

Engineer Name:

Purshaser:

Unit Designation:

Schedule No.

SubmittedTo:

Date:



General Features

- Low Ambient Cooling to 0 F / -18 C
- Multiple Fan Speeds
- Memory Function
- Fan Delay Function
- Intelligent Pre-heating / Defrost
- Control lock

- Smart 1 Hertz Inverter Technology
- Load Protection Features
- Over-Current Protection
- Drain Pan Heater
- LED display

Unit Performance:

| | | |
|---------------------------------|---------------------|-------|
| Cooling: | - | - |
| Capacity (Min Rated Max, Btu/h) | 5,900-22,000-25,200 | |
| SEER | | 19 |
| EER | | 11.25 |
| Heating: | - | - |
| Capacity (Min Rated Max, Btu/h) | 4,500-24,000-25,900 | |
| HSPF | | 10 |
| COP (W/W) | | 3.4 |

Compressor

| | |
|---------------------------------------|-------------|
| Cooling Operation Ambient temp. Range | -18~46 C |
| Heating Operation Ambient temp. Range | -20~24 C |
| Compressor Type | Twin Rotary |
| Compressor RLA (A) | 13 |
| Crankcase Heater | Yes |

Unit Specification

| | |
|----------------------------|-------------|
| Refrigerant Type | R410A |
| Refrigerant Charge (oz) | 52.9 |
| ODU Sound Pressure (dB(A)) | 59 |
| IDU Sound Pressure (dB(A)) | 49/45/41/37 |
| ODU Net Weight (lbs) | 97 |
| IDU Net Weight (lbs) | 37.5 |
| Dehumidifying (Pint/D) | 4.23 |

Electrical Specification

| | |
|----------------------------------|-----------------|
| Power Supply | 208-230V / 60Hz |
| Communications Wire Size | AWG 14 |
| MOP (A) | 30 |
| MCA (A) | 19 |
| Cooling Rated Amps (A) | 11 |
| Heating Rated Amps (A) | 10 |
| Indoor Fan Motor RLA (A) | 0.55 |
| Outdoor Fan Motor RLA(A) | 0.65 |
| Nominal Cooling Power Input (kW) | 1.95 |
| Nominal Heating Power Input (kW) | 2.07 |

Fan

| | |
|-----------------------------|-----------------------|
| ODU / IDU Type | Axial-flow/Cross-flow |
| Fan Motor Output (W) | 60 |
| Motor/Drive | Direct Drive |
| ODU Max Air Flow Rate (CFM) | 1883 |
| IDU Air Flow Rate (CFM) | 412/677 |

Piping

| | |
|--|------|
| Liquid Line (in, OD) | 1/4 |
| Gas Line (in, OD) | 5/8 |
| Additional Refrigerant (oz./ft.) | 0.5 |
| Max Pipe Length (ft.) | 82 |
| Piping Length (with factory charge, ft.) | 24.6 |
| Max Elevation (ft.) | 32.8 |

AHRI certification Ref #



Lomo Eco Heat Pump



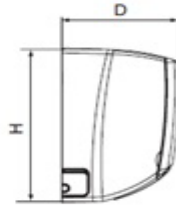
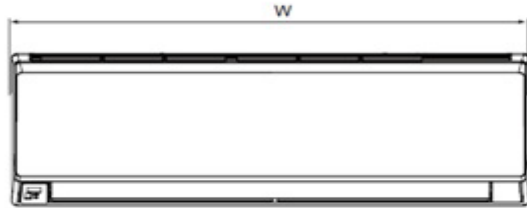
MODEL: TW24HQ1B2D

Lomo Eco Heat Pump

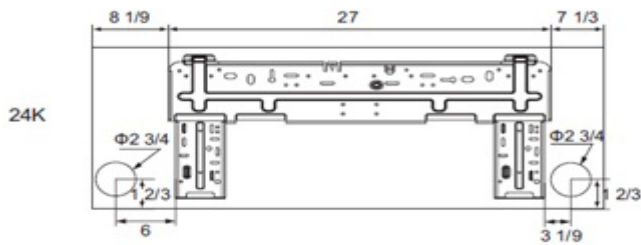
TOSOT

MODEL: TW24HQ1B2D

Outline Dimension Diagram



| W | H | D |
|--------|--------|-------|
| 42 1/2 | 12 3/4 | 9 5/8 |



Outdoor Unit dimensions pending

Approved By:

Signature

Date

TOSOT

315 Boulevard Industriel, Châteauguay, QC, Canada J6J 4Z2
Contact: +1 (450) 698-4000
info@tosotamerica.com
tosotamerica.com