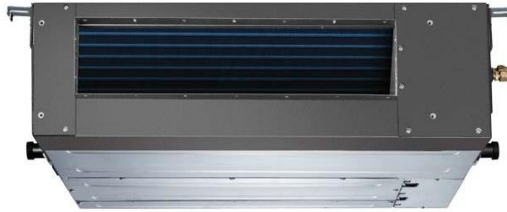


Project Name:  
 Engineer Name:  
 Unit Designation:  
 Submitted To:  
 Date:

Location:  
 Purchaser:  
 Schedule No.



**General Features**

- Powerful Drain Pump Lift
- Adjustable Fan Speed
- Highly Flexible Installation
- Microcomputer Control

- Water condensate Pump
- High external static pressure
- Wired Controller

**Unit Performance:**

<b>Cooling:</b>	
Capacity (Min-Rated-Max, Btu/h)	10,800-34,000-39,000
SEER	16
EER	10.35
<b>Heating:</b>	
Capacity (Min-Rated-Max, Btu/h)	9,800-41,000-49,500
HSPF	9
COP (W/W)	3.2

**Unit Specification**

Refrigerant Type	R410A
Refrigerant Charge (oz)	123.48
ODU Sound Pressure (dB(A))	63
IDU Sound Pressure (dB(A))	53/48/44
ODU Net Weight (lbs)	205.1
IDU Net Weight (lbs)	101.4
Dehumidifying (Pint/h)	2.7

**Fan**

ODU / IDU Type	Axial-flow/Centrifugal
Fan Motor Power Output (HP)	1/6 x 2
Motor/Drive	Direct Drive
ODU Max Air Flow Rate (CFM)	3000
IDU Air Flow Rate (CFM)	1175
ESP Range (InWg)	0-0.4

**Compressor**

Cooling Operation Ambient temp. Range	0~115 °F
Heating Operation Ambient temp. Range	0~75 °F
Compressor Type	Inverter Rotary
Compressor RLA (A)	21.2
Crankcase Heater	Yes

**Electrical Specification**

Power Supply	208-230V / 60Hz
Communications Wire Size(ODU/IDU)	AWG 10/17
MOP (A)	45
MCA (A)	29
Cooling Rated Amps (A)	23.79
Heating Rated Amps (A)	24.3
Compressor RLA (A)	21.2
Indoor Fan Motor Full Load Amp (A)	2.1
Outdoor Fan Motor Full Load Amp (A)	2
Nominal Cooling Power Input (kW)	3.28
Nominal Heating Power Input (kW)	3.75

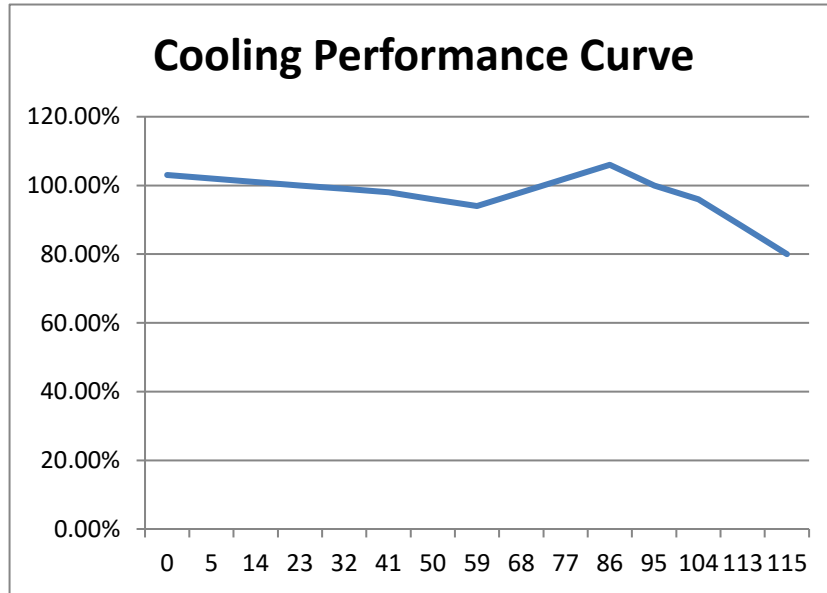
**Piping**

Liquid Line (in, OD)	3/8
Gas Line (in, OD)	5/8
Additional Refrigerant (oz./ft.)	0.6
Max Pipe Length (ft.)	98.4
Piping Length (with factory charge, ft.)	25
Max Elevation (ft.)	49.2

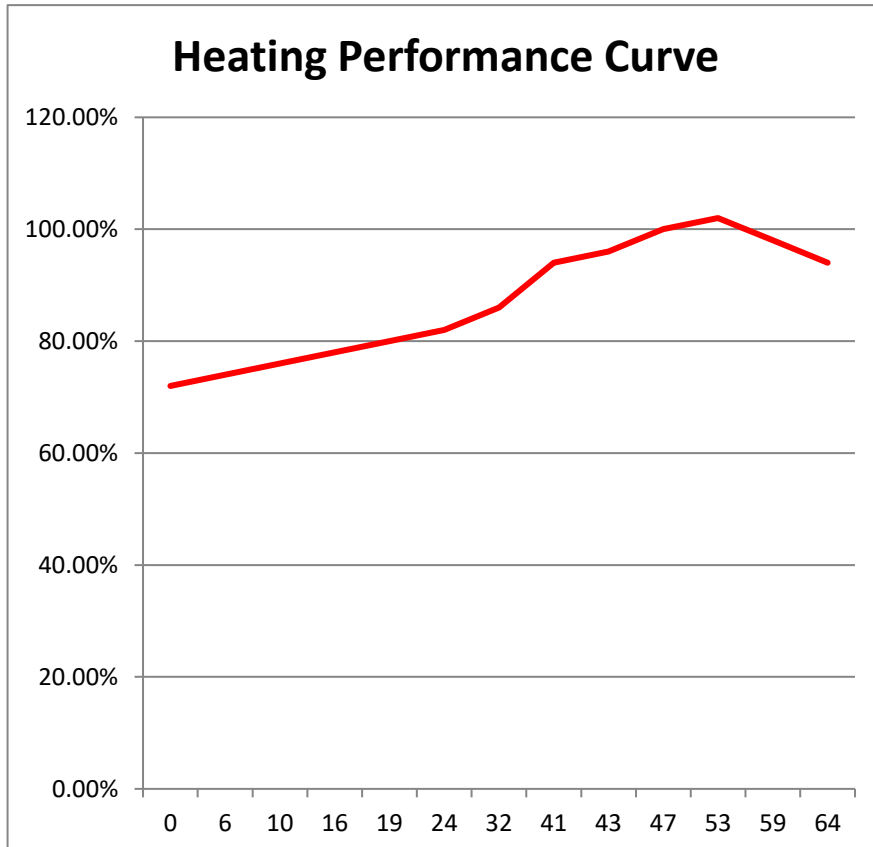
AHRI Certification Ref #



Cooling Performance F / %

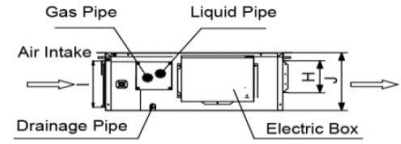
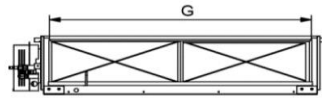
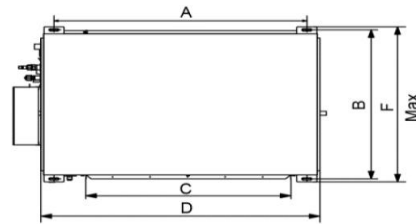
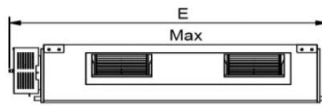


Heating Performance F / %

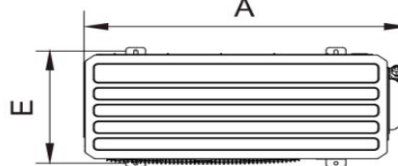
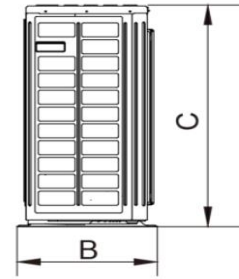
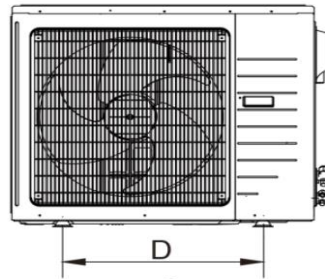


**Outline Dimension Diagram**

	mm	(inch)
A	1011	(39-3/4)
B	748	(29-1/2)
C	820	(32-1/4)
D	1115	(43-7/8)
E	1226	(48-1/4)
F	775	(30-1/2)
G	979	(38-1/2)
H	160	(6-1/4)
I	231	(9-1/8)
J	290	(11-3/8)



A	1107	(43-5/8)
B	440	(17-3/8)
C	1100	(43-1/4)
D	631	(24-7/8)
E	400	(15-3/4)



Approved By:

Signature

Date

**TOSOT**

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