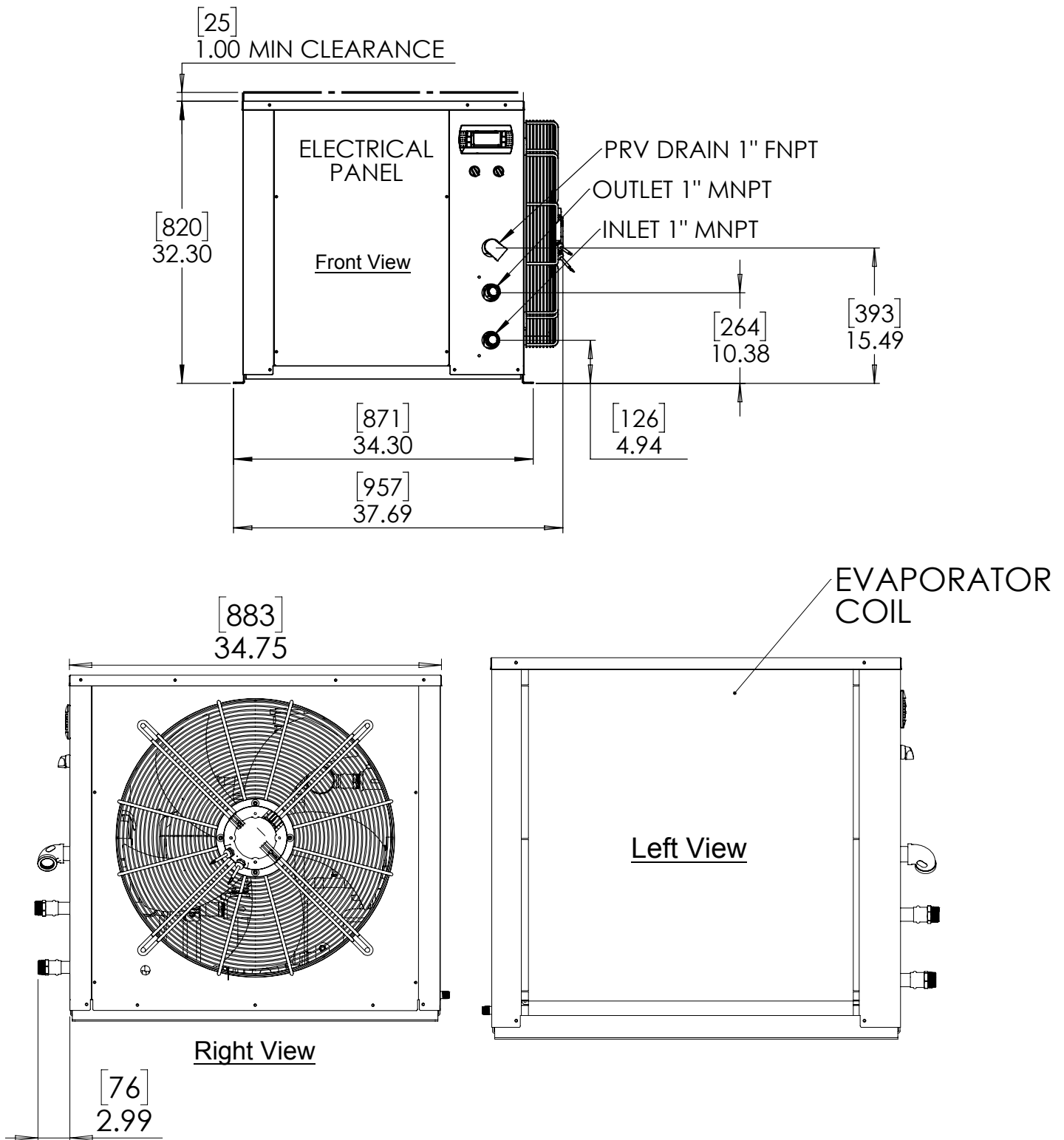


TRENT 064 HEAT PUMP

SD-TRT064-4

AIR SOURCE HEAT PUMP WATER HEATER
(see Installation and Operation Manual)

INDOOR UNIT



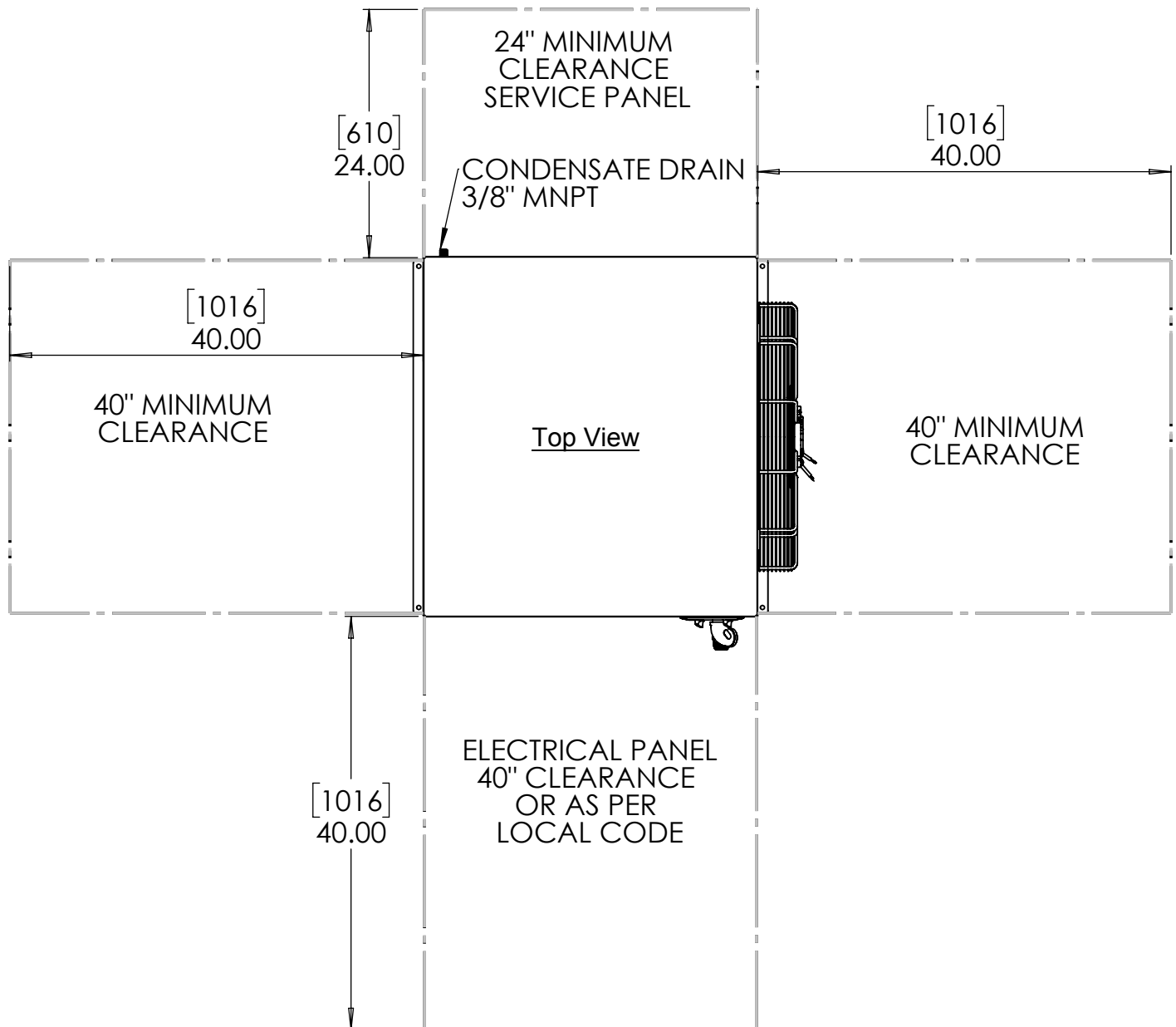
Notes:

1. Dimensions are approximate and should not be used to "rough-in" equipment.
2. Dimensions are subject to change without notice.
3. All dimensions are in inches (mm).

TRENT 064 HEAT PUMP

AIR SOURCE HEAT PUMP WATER HEATER
(see Installation and Operation Manual)

INDOOR UNIT



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CERTIFIED RATINGS & CAPACITIES

Capacity* (BTU/kW)	60,000/17.58	Usage	Indoor
Performance* (COP)	4	Appliance Safety Certificaton	UL 1995
Sound** (dBA)	71	Low Lead Certification	NSF/ANSI/CAN 372 (CSA)
Water Heater Recovery Rate (GPH/LPH)	144/545	Shipping Weight (lb/kg)	490/222
SCCR (kA)	10	Operating Weight (lb/kg)	450/204

MECHANICAL DATA

Refrigerant Type	R513A
System Charge (lbs/kg)	7/3.2
Refrigerant Max Discharge Pressure (psi/bar)	450/31.0
Refrigerant Max Suction Pressure (psi/bar)	300/20.7

ENVIROMENTAL DATA

Maximum Altitude (ft/m)	6561/2000
Minimum Operating Ambient Temperature (f/c)	45/7.2
Maximum Operating Ambient Temperature (f/c)	115/46.1

HYDRONIC DATA

Minimum Water Side Design Pressure (psi/bar)	25/1.7	Minimum Flow Rate (gpm/lps)	2.5/0.16
Maximum Water Side Design Pressure (psi/bar)	150/10.3	Maximum Flow Rate (gpm/lps)	8.0/0.50
Minimum Entering Water Temperature (f/c)	40/4.4	Max Available External Piping Pressure Drop (ft-hd/kPa)	9.0/26.9
Maximum Entering Water Temperature (f/c)	130/54.4	Inlet Water Connection (mpt - in)	1
Minimum (LWT) Setpoint (f/c)	80/26.6	Outlet Water Connection (mpt - in)	1
Maximum (LWT) Setpoint (f/c)	150/65.6	Condensate Drain (mpt - in)	3/8

HEAT PUMP TRIM AND CONTROLS

Waterside Components	Refrigerant Side Components
Temperature Sensors	Hermetic Scroll Compressor
Double-Wall Condenser	High Pressure Switch
Circulator Pump (Grundfos)	Filter Dryer
T&P Relief Valve (Watts)	Electronic Expansion Valve
Manual-Reset High Limit (JUMO)	Receiver Tank
Flow Switch (SIKA)	EC Evaporator Fan

ELECTRICAL DATA

MCA (A)			MOP (A)		
208-230/3/60	460V/3/60	575V/3/60	208-230/3/60	460V/3/60	575V/3/60
28.6	13.0	9.9	45.0	20.0	15.0

*AHRI 1300 Standard, DOE test point of 70°F inlet and 120°F outlet water temperature at 80.6°F test air temperature.

**Average of all sides - 1m from unit face, midpoint of unit.

***Includes Onboard Pump

REP FIRM	_____
SUBMITTED BY	_____
JOB NAME	_____
ARCHITECT	_____
ENGINEER	_____
CONTRACTOR	_____
DATE	_____

TRENT 064 HEAT PUMP



Barrie, ON L4N 6H4
Canada
705-717-8010