

4000-7500 BTU/H Outdoor Air Conditioner *DTS Series*

Type 3R, 4, 4X, Side Mounting



Description

- Designed for side mounting on any enclosure surface where high capacity system cooling is required.
- Closed loop cooling ensures clean enclosure air is recirculated without ever mixing with contaminated ambient air.
- Optimum air circulation with maximum clearance distance between warm inlet and cold outlet for reduced hot spot locations.

Standards

- UL, cUL, CE
- Complies with
 - NEMA 3R, 4, 4X

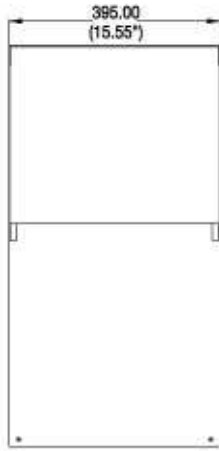
Features

- R134a refrigerant.
- Thermostat control accessible from inside enclosure.
- Expansion valve prevents evaporator freeze up while minimizing heavy inrush currents on large BTU/H units.
- Built in condensate evaporator.
- Continuous air circulation from high capacity fans.
- EMI/RFI suppression meets CE.
- Self-diagnostics on startup.
- Fault indication via LED light.
- Provision for door contact allowing power down when enclosure door is opened.
- Gasket, mounting kit and template for enclosure cutout and drilling are included.
- Condensate drain hose and clamp provided.
- Q Mount allows unit to hang in place for easy installation.
- Nema 4/4x exterior 304 stainless steel.

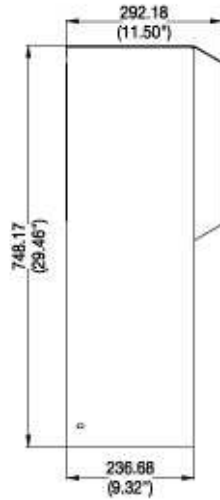
Accessories

- [Neoprene & Urethane Gasket Kits](#)
- [Filter Kits](#)
- [Remote Door Switches](#)
- [Water Condensate Evaporator](#)

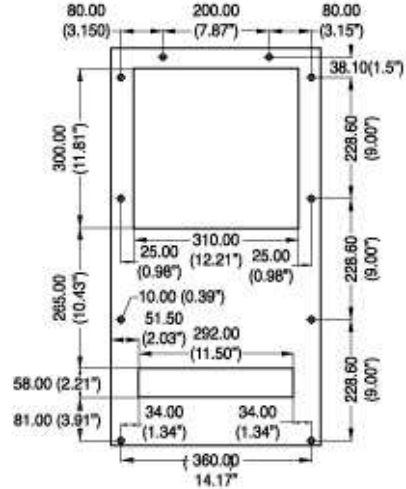
DTS 3181



Front View

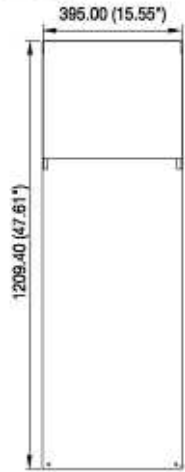


Side View



Drilling Template

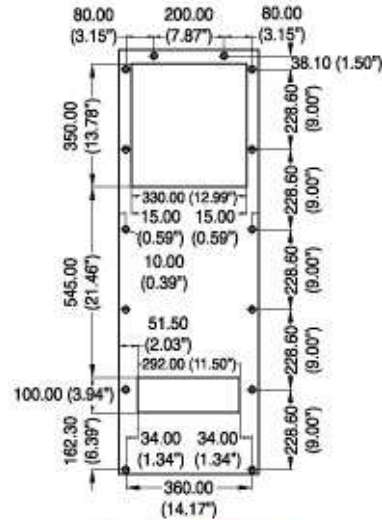
DTS 3281



Front View



Side View



Drilling Template

Part No.	Ship Wt. lbs
DTS3181A115N4SS	107
DTS3181A230N4SS	107
DTS3281A115N4SS	144
DTS3281A230N4SS	144

Electrical Data	DTS3181A115N4SS	DTS3181A230N4SS	DTS3281
Rated Voltage	115 V 60 Hz	230 V 50/60 Hz	115 V 60 Hz
Range of Operation	103-127 V	198-252 V	103-127 V
Power Consumption	950 W	860 W	1800 W
Running Amps	7.2 A	4 A	14.6 A
Starting Current	17.1 A	9.3 A	26.8 A
Line Cord	Terminal Block	Terminal Block	Terminal Block

Refrigeration Data	DTS3181A 115N4SS DTS3181A 230N4SS	DTS3281A 115N4SS DTS3281A 230N4SS
Rated Capacity	4,000 BTU/H (1,172 Watts)	7,500 BTU/H (2,197 Watts)
Type of Refrigerant	R134a	R134a
Refrigerant Charge	500 g	500 g
Adjustable Thermostat	Factory setting +95°F (+35°C)	Factory setting +95°F (+35°C)

Max. Ambient Air Temp.	+125°F (+52°C)	+125°F (+52°C)
Min. Ambient Air Temp.	+46°F (+8°C)	+46°F (+8°C)
Air Capacity (unrestricted)	Internal Circulation 350 CFM	Internal Circulation 580 CFM
	External Circulation 350 CFM	External Circulation 580 CFM
Condensation Discharge	Condensate Evaporator	Condensate Evaporator
Filter Mat	150 g/m ²	150 g/m ²
Db Noise Level	<70 dB(A)	<73 dB(A)
Unit Weight	84 lbs (36 kg)	120 lbs (46 kg)
Exterior Case	304 Stainless Steel	304 Stainless Steel
Finish	Polish #3	Polish #3
NEMA Rating	Enclosures IP 56/NEMA 3R/4x	Enclosures IP 56/NEMA 3R/4

Data subject to change without notice.

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