



**THE DATASHEET OF  
DTS3181A115N4SS**





Quality Products. Service Excellence.

## 4000-7000 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
  - IP56
  - NEMA 3R, 4, 4X

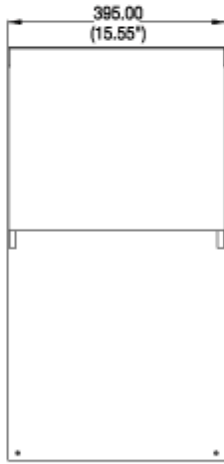
### Features

- 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.
- Nema 4/4x exterior 304 stainless steel.

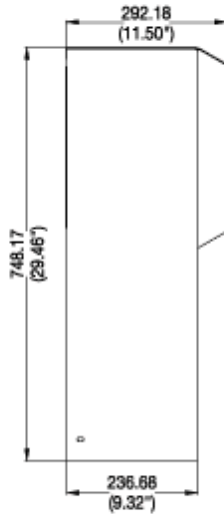
### Accessories

- Remote Door Switches
- Water Condensate Evaporator
- Gasket Kits
- Condensate Bottle

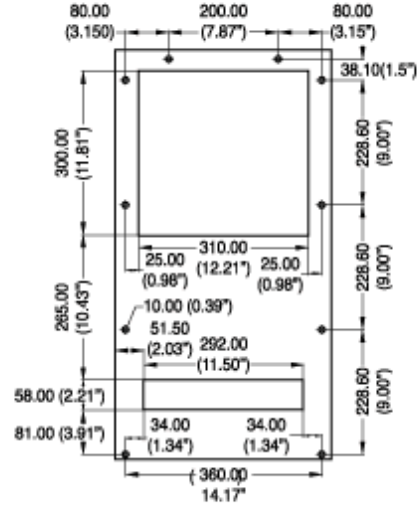
**DTS 3181**



**Front View**

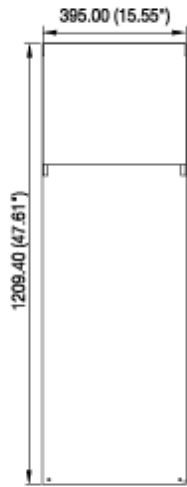


**Side View**



**Drilling Template**

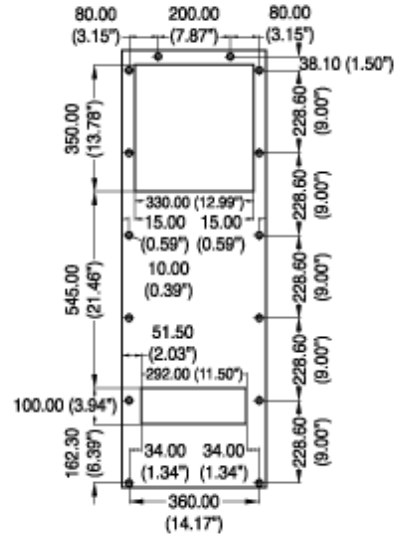
**DTS 3281**



**Front View**



**Side View**



**Drilling Template**

Part No.
DTS3181A115N4SS
DTS3181A230N4SS
DTS3181A460N4SS
DTS3281A115N4SS
DTS3281A230N4SS
DTS3281A460N4SS

Electrical Data	DTS3181A115N4SS	DTS3181A230N4SS	DTS3181A460N4SS	DTS3281A115N4SS	DTS3281A230N4SS	DTS3281A460N4SS
Rated Voltage	115 V 60 Hz	230 V 50/60 Hz	460 V 50/60 Hz	115 V 60 Hz	230 V 50/60 Hz	460 V 50/60 Hz
Range of Operation	103-127 V	198-252 V	380 - 506 V	103-127 V	198-252 V	380 - 506 V
Power Consumption	845 W	795 W	1200 W	1680 W	1425 W	1400 W
Running Amps	7 A	4 A	2 A	15.9 A	6.2 A	2 A
Starting Current	15 A	10 A	15 A	53 A	21.8 A	15 A
Line Cord	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block



	DTS3181A115N4SS	DTS3281A115N4SS
	DTS3181A230N4SS	DTS3281A230N4SS
	DTS3181A460N4SS	DTS3281A460N4SS
<b>Refrigeration Data</b>		
Cooling Capacity BTU/h ( Watts) +95/+95F +35/+35 C	4100 BTU/h (1200 Watts)	6825 BTU/h (2000 Watts)
Type of Refrigerant	R134a	R134a
Refrigerant Charge	400 g	700 g
Adjustable Control Range	+77F..+113F +25C..+45C Factory setting +95F/+35C	+77F..+113F +25C..+45C Factory setting +95F/+35C
Max. Ambient Air Temp.	+131°F (+55°C)	+131°F (+55°C)
Min. Ambient Air Temp.	+32°F (+0°C)	+32°F (+0°C)
Air Capacity (unrestricted)	Internal Circulation 177 CFM	Internal Circulation 450 CFM
	External Circulation 100 CFM	External Circulation 450 CFM
Condensation Discharge	Condensate Evaporator	Condensate Evaporator
Filter Mat	150 g/m <sup>2</sup>	150 g/m <sup>2</sup>
Db Noise Level	<70 dB(A)	<73 dB(A)
Unit Weight	84 lbs (36 kg)	123 lbs (46 kg)
Exterior Case	Galvanized Steel	Galvanized Steel
Finish SS	304 Stainless Steel # 4 brush	304 Stainless Steel # 4 Brush
NEMA Rating	Enclosures IP 56/NEMA 3R/4	Enclosures IP 56/NEMA 3R/4

Tags: **DTS, air conditioner, cooler, outdoor, high capacity, 7000 BTU, side mounting, NEMA 4X, Type 4X** *Data subject to change without notice*

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