



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

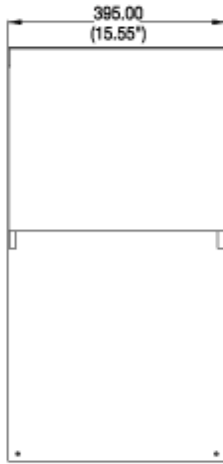
Features

- 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

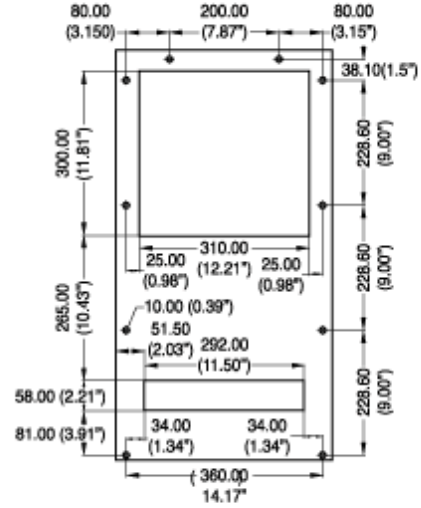
DTS 3181



Front View



Side View



Drilling Template

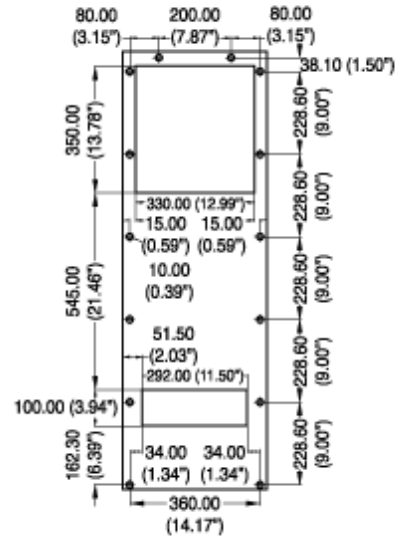
DTS 3281



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

| | DTS3181A218N4SS | DTS3281A218N4SS |
|--|--|--|
| Refrigeration Data | DTS3181A460N4SS | DTS3281A460N4SS |
| Refrigeration Data | DTS3181A460N4SS | DTS3281A460N4SS |
| 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 External Circulation 100 CFM | Internal Circulation 450 CFM External Circulation 450 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) | 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 |

Data subject to change without notice

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