

# Side Mounting DTS Series - NEMA 3R, 4, 4X

## 4000 & 7500 BTU/H - Stainless Steel



Light Grey 4000 BTU/H Shown

### 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

- Gaskets...see page 400
- Lifting lugs...see page 400
- Remote door switch...see page 400

Climate Control

| Part Number     | Ship Wt. lbs. |
|-----------------|---------------|
| DTS3181A115N4SS | 107           |
| DTS3181A230N4SS | 107           |
| DTS3281A115N4SS | 144           |
| DTS3281A230N4SS | 144           |

### Technical Data

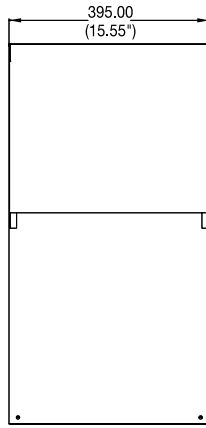
| Electrical Data           | DTS3181A115N4SS | DTS3181A230N4SS | DTS3281A115N4SS | DTS3281A230N4SS |
|---------------------------|-----------------|-----------------|-----------------|-----------------|
| <b>Rated Voltage</b>      | 115 V 60 Hz     | 230 V 50/60 Hz  | 115 V 60 Hz     | 230 V 50/60 Hz  |
| <b>Range of Operation</b> | 103-127 V       | 198-252 V       | 103-127 V       | 198-252 V       |
| <b>Power Consumption</b>  | 950 W           | 860 W           | 1800 W          | 1800 W          |
| <b>Running Amps</b>       | 7.2 A           | 4 A             | 14.6 A          | 6.3 A           |
| <b>Starting Current</b>   | 17.1 A          | 9.3 A           | 26.8 A          | 16.5 A          |
| <b>Line Cord</b>          | Terminal Block  | Terminal Block  | Terminal Block  | Terminal Block  |

Technical references and DXF downloads available at [www.hamfmfg.com](http://www.hamfmfg.com)

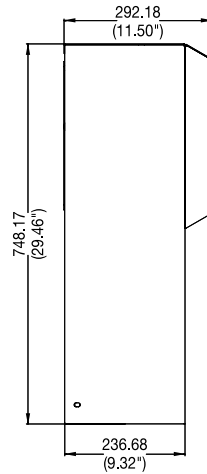
All dimensions in inches unless specified otherwise

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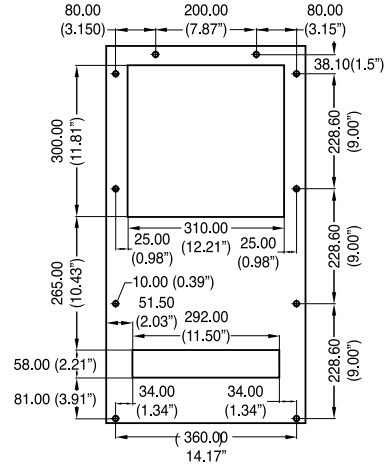
### DTS 3181



**Front View**

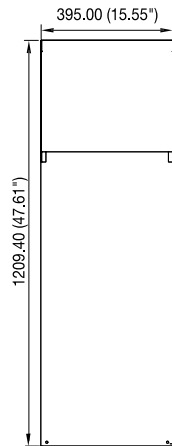


**Side View**

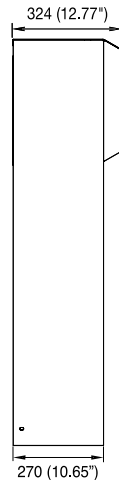


**Drilling Template**

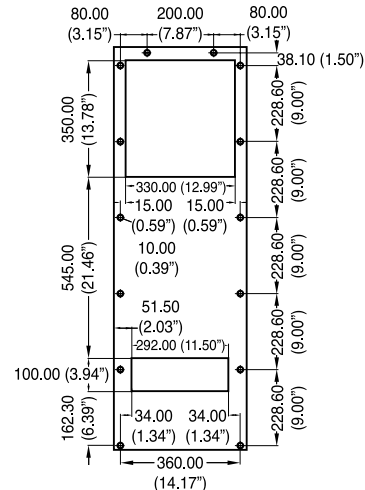
### DTS 3281



**Front View**



**Side View**



**Drilling Template**

Climate Control

| Refrigeration Data          | DTS3181A115/230N4SS  | DTS3281A115/230N4SS  |
|-----------------------------|--|--|
| 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<br>External Circulation 350 CFM | Internal Circulation 580 CFM<br>External Circulation 580 CFM |
| Condensate 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 (38 kg)   | 120 lbs (46 kg)  |
| Exterior Case               | 304 Stainless Steel  | 304 Stainless Steel  |
| Finish                      | Polish #3  | Polish #3  |
| NEMA Rating                 | Enclosures IP56 /NEMA 3R/4x                                  | Enclosures IP56 /NEMA 3R/4x                                  |