Side Mounting DTS Series - NEMA 3R, 4, 4X
4000 & 7500 BTU/H - Stainless Steel

c(UL)US

CE

Climate Control
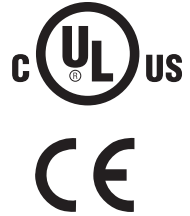
Description
- Designed for side mounting on any enclosure surface where high capacity system cooling is required.
- Closed loop cooling ensures clean enclosure air is recirculated without ever mixing with contaminated ambient air.
- Optimum air circulation with maximum clearance distance between warm 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* **456**
- Remote door switch*...see page* **452**

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

Technical Data

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

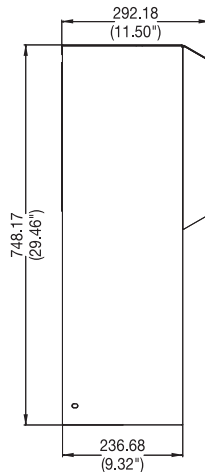All dimensions in inches unless specified otherwise

Quality Products. Service Excellence.

Data Subject to change without notice

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DTS 3181

395.00 (15.55")

292.18 (11.50")

748.17 (29.46")

236.68 (9.32")

Front View

Side View

80.00 (3.150") — 200.00 (7.87") — 80.00 (3.15")

38.10 (1.5")

228.60 (9.00")

300.00 (11.81")

228.60 (9.00")

25.00 (0.98") — 310.00 (12.21") — 25.00 (0.98")

265.00 (10.43")

8.00 (0.31")

51.50 (2.03") — 292.00 (11.50")

228.60 (9.00")

58.00 (2.21")

81.00 (3.91") — 34.00 (1.34") — 34.00 (1.34")

360.00 14.17"
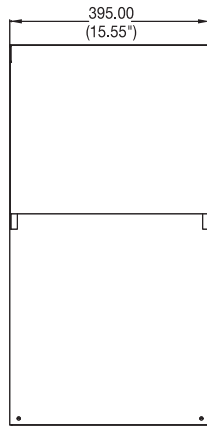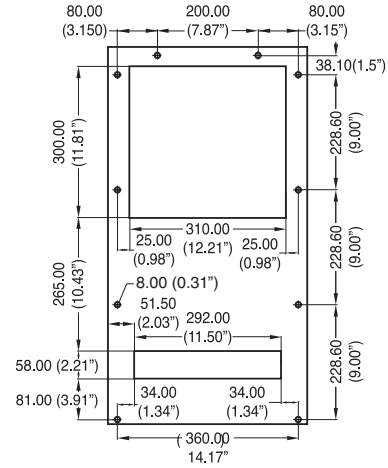
Drilling Template

DTS 3281

395.00 (15.55")

324 (12.77")

1209.40 (47.61")

270 (10.65")

Front View

Side View

80.00 (3.15") — 200.00 (7.87") — 80.00 (3.15")

38.10 (1.50")

228.60 (9.00")

350.00 (13.78")

228.60 (9.00")

330.00 (12.99")

15.00 (0.59") — 15.00 (0.59")

228.60 (9.00")

545.00 (21.46")

8.00 (0.31")

51.50 (2.03")

228.60 (9.00")

292.00 (11.50")

100.00 (3.94")

162.30 (6.39")

34.00 (1.34") — 34.00 (1.34")

228.60 (9.00")

360.00 (14.17")
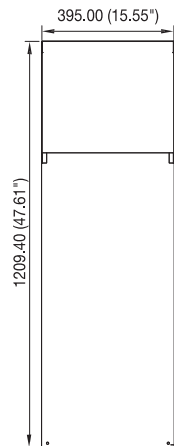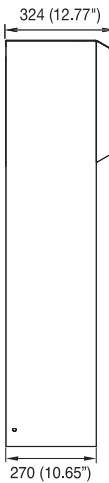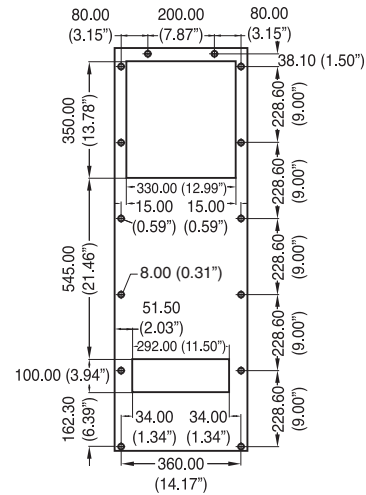
Drilling Template

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
Adjustable Control Range	+ 59…+ 131 / + 15…+ 45C Factory setting +95 F (+35C)	+ 59…+ 131 / + 15…+ 45C Factory setting +95 F (+35C)
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 External Circulation 350 CFM	Internal Circulation 580 CFM External Circulation 580 CFM
Condensate Discharge	Condensate Evaporator	Condensate evaporator
Filter Mat	150 g/m²	150 g/m²
Db Noise Level	≤ 70 dB(A)	≤ 73 dB(A)
Unit Weight	84 lbs (38 kg)	120 lbs (46 kg)
Exterior Case	304 Stainles Steel	304 Stainles Steel
Finish	Polish #3	Polish #3
NEMA Rating	Enclosures IP56 /NEMA 3R/4x	Enclosures IP56 /NEMA 3R/4x

All dimensions in inches unless specified otherwise