



Quality Products. Service Excellence.

4000-7000 BTU/H Indoor Air Conditioner *DTS Series*

Type 12, 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

- Maintains enclosure's NEMA 12 rating
- IP 54
- UL, cUL and CE

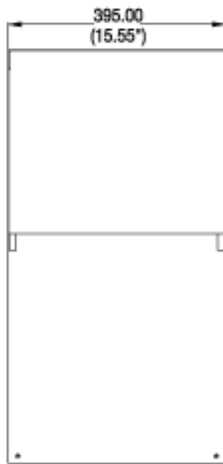
Features

- R134a refrigerant.
- Thermostat control accessible from inside enclosure.
- Hot gas bypass 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.

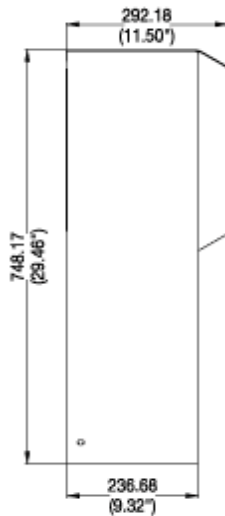
Accessories

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

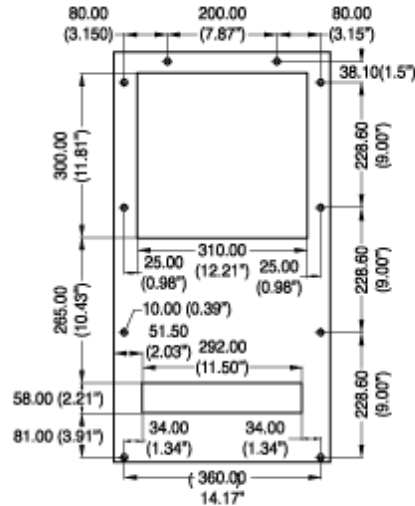
DTS 3141



Front View

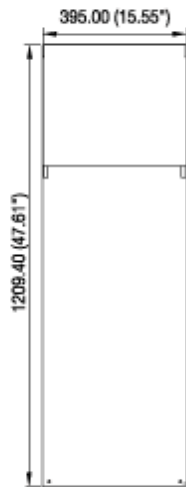


Side View



Drilling Template

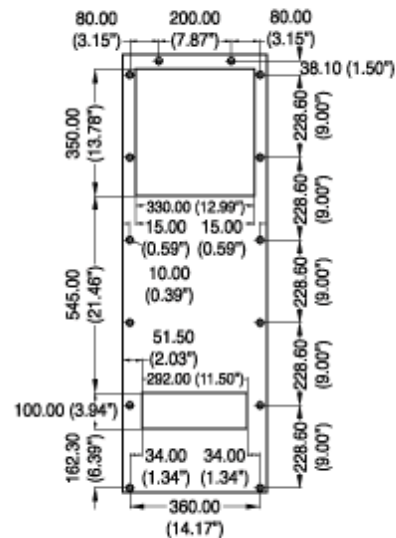
DTS 3241



Front View



Side View



Drilling Template

| |
|---------------|
| Part No. |
| DTS3141A115LG |
| DTS3141A230LG |
| DTS3141A460LG |
| DTS3241A115LG |
| DTS3241A230LG |
| DTS3241A460LG |

* For ANSI 61 Gray replace LG with GY

| Electrical Data | DTS3141A115LG | DTS3141A230LG | DTS3141A460LG | DTS3241A115LG | DTS3241A230LG | DTS3241A460LG |
|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Rated Voltage | 115 V 60Hz | 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 | 6.2A | 2 A |
| Starting Current | 15 A | 10 A | 15 A | 53 A | 21.8 A | 16 A |
| Line Cord | Terminal Block | Terminal Block | Terminal Block | Terminal Block | Terminal Block | Terminal Block |

| Refrigeration Data | DTS3141A115LG | DTS3241A115LG |
|---|--|--|
| | DTS3141A230LG | DTS3241A230LG |
| | DTS3141A460LG | DTS3241A460LG |
| | | |
| 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. | +59°F (+15°C) | +59°F (+15°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 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 Powdercoat finish | Galvanized Steel Powdercoat finish |
| Finish LG | RAL7035 Light Gray | RAL7035 Light Gray |
| Finish GY | ANSI 61 Gray | ANSI 61 Gray |
| NEMA Rating | Enclosures IP 54 / Nema 12 | Enclosures IP 54 / Nema 12 |

Data subject to change without notice

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