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## 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

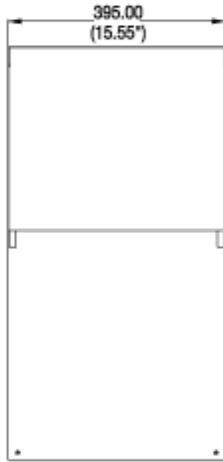
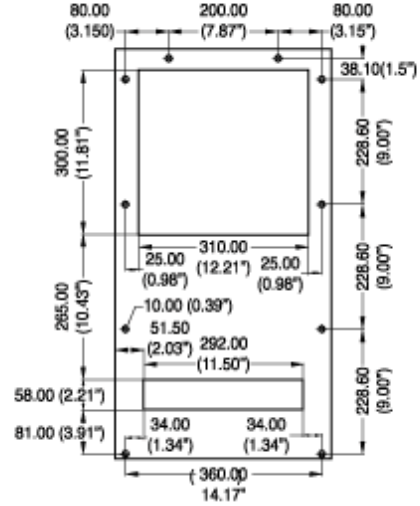
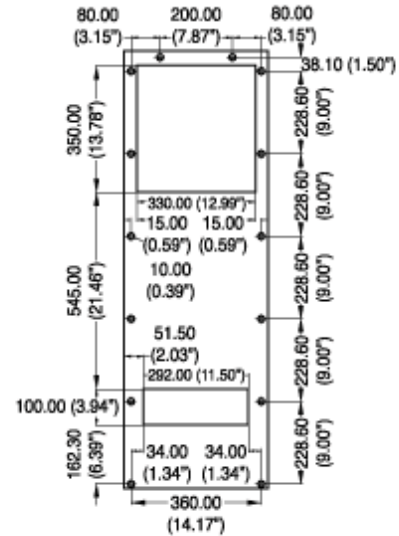
- Maintains enclosure's NEMA 12 rating
- IP 54
- UL, cUL and CE

### 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                                            |
| Regrigerant 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/m²                                         | 150 g/m²                                         |
| 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                       |

Tags: **DTS, air conditioner, cooler, indoor, high capacity, 7000 BTU, side mounting, NEMA 12, Type 12** *Data subject to change without notice*

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