

5000-12000 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.
- Condenser with 3 mm fin spacing, highly effective protection against strongly contaminated and aggressive ambient air

Standards

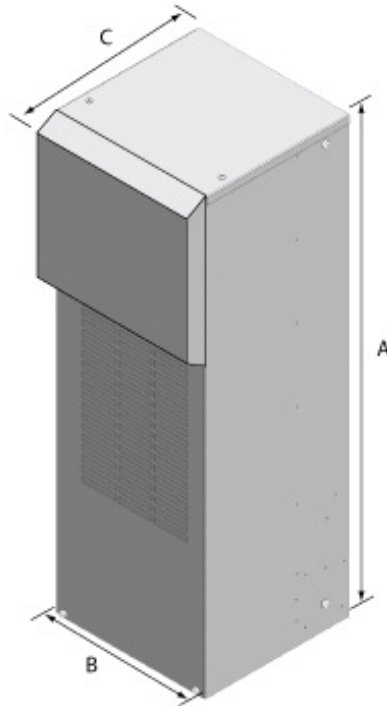
- Maintains enclosure's NEMA 12 rating
- IP 54
- UL, cUL and CE

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.
- Q Mount allows unit to hang in place for easy installation.

Accessories

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



| Part Number | A | B | C | Ship Wt. lbs. |
|----------------------|-------|-------|-------|---------------|
| DTS3145A115LG | 36.65 | 11.89 | 14.40 | 113 |
| DTS3145A230LG | 36.65 | 11.89 | 14.40 | 113 |
| DTS3245A115LG | 53.00 | 16.00 | 14.40 | 155 |
| DTS3245A230LG | 54.00 | 16.00 | 14.40 | 155 |

| Electrical Data | DTS3145A115LG | DTS3245A115LG |
|--------------------|----------------------|----------------------|
| | DTS3145A230LG | DTS3245A230LG |
| Rated Voltage | 115 V 60 Hz | 115 V 60 Hz |
| | 230 V 50/60 Hz | 230 V 50/60 Hz |
| Range of Operation | 103-127 V /198-252 V | 103-127 V /198-252 V |
| Power Consumption | 1000 W /1020 W | 1600 W / 1600 W |
| Running Amps | 8.5 A / 4.5 A | 13 A / 6.5 A |
| Starting Current | 48 A / 26 A | 57 A / 30 A |
| Line Cord | Terminal Block | Terminal Block |

| Refrigeration Data | DTS3145A115/230LG | DTS3245A115/230LG |
|-----------------------------|-----------------------------------|------------------------------------|
| Rated Capacity | 5000-7000 BTU/H (1466-2052 Watts) | 9000-12000 BTU/H (2639-3519 Watts) |
| Type of Refrigerant | 134a | 134a |
| Adjustable Control Range | + 77...+ 131 / + 25...+ 45C | + 77...+ 131 / + 25...+ 45C |
| | Factory setting +95 F (+35C) | Factory setting +95 F (+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 365/341 CFM | Internal Circulation |
| | External Circulation 765/706 CFM | External Circulation |
| Condensate Discharge | Condensate Evaporator | Condensate Evaporator |
| Filter Mat | Filterless | Filterless |
| Db Noise Level | <70 dB(A) | <73 dB(A) |
| Unit Weight | 108 lbs | 150 lbs |
| Exterior Case | Galvanized Sheet Steel | Galvanized Sheet Steel |
| Finish | RAL7035 Light Grey Powder Finish | RAL7035 Light Grey Powder Finish |
| Nema Rating | Enclosures IP 54 / Nema 12 | Enclosures IP 54 / Nema 12 |

Data subject to change without notice

