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## 15000-24000 BTU/H Outdoor Air Conditioner *DTS Series*

Type 3R, 4, 4X, Side Mounting



**Note:** This product line has been discontinued as a stocked series. Information is for reference only. For alternative solution assistance, please **contact Hammond here** or call: USA (716) 630-7030, Canada and International (519) 822-2960.



### 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.
- Condensor with 3 mm fin spacing, highly effective protection against strongly contaminated and aggressive ambient air.

### Standards

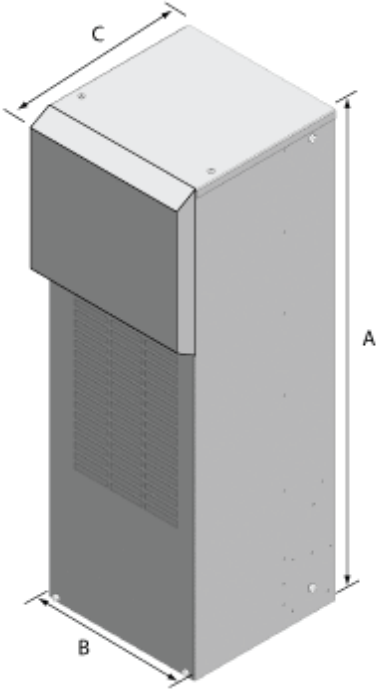
- UL, cUL, and CE
- Complies with
  - IP56
  - NEMA 3R, 4, 4X

### 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
- Gasket Kits
- Condensate Bottle
- Filter Kits
- Water Condensate Evaporator



| Part Number     | A     | B     | C     |
|-----------------|-------|-------|-------|
| DTS3461A230N3LG | 56.75 | 16.00 | 16.00 |
| DTS3461A460N3LG | 56.75 | 16.00 | 16.00 |
| DTS3481A230N4SS | 56.75 | 16.00 | 16.00 |
| DTS3481A460N4SS | 56.75 | 16.00 | 16.00 |
| DTS3661A230N3LG | 65.50 | 19.00 | 20.50 |
| DTS3661A460N3LG | 65.50 | 19.00 | 20.50 |
| DTS3681A230N4SS | 65.50 | 19.00 | 20.50 |
| DTS3681A460N4SS | 65.50 | 19.00 | 20.50 |

\* For ANSI 61 Gray replace LG with GY

|                    | DTS3461A230N3LG | DTS3461A460N3LG | DTS3661A230N3LG | DTS3661A460N3LG |
|--------------------|-----------------|-----------------|-----------------|-----------------|
| Electrical Data    | DTS3481A230N4SS | DTS3481A460N4SS | DTS3681A230N4SS | DTS3681A460N4SS |
| Rated Voltage      | 230 V 50/60 Hz  | 460 V 50/60 Hz  | 230 V 50/60 Hz  | 460 V 50/60 Hz  |
| Range of Operation | 198-252 V       | 360-506 V       | 198-252 V       | 360-506 V       |
| Power Consumption  | 2360 W          | 1979 W          | 3142 W          | 2920 W          |
| Running Amps       | 15.9 A          | 2.5 A           | 17.1 A          | 6.3 A           |
| Starting Current   | 22.0 A          | 3.6 A           | 84.0 A          | 25.0 A          |
| Line Cord          | Terminal Block  | Terminal Block  | Terminal Block  | Terminal Block  |

|                                                  | DTS3461A230N3LG                                               | DTS3461A460N3LG                                               | DTS3661A230N3LG                                                | DTS3661A460N3LG                                                |
|--------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| Refrigeration Data                               | DTS3481A230N4SS                                               | DTS3461A460N3LG                                               | DTS3681A230N4SS                                                | DTS3681A460N4SS                                                |
| Cooling Capacity BTU/h (Watts) +95/+95F +35/+35C | 17091 BTU/h (5010 Watts)                                      | 17091 BTU/h (5010 Watts)                                      | 19848 BTU/h (5820 Watts)                                       | 20825 BTU/h (6100 Watts)                                       |
| Type of Refrigerant                              | 134a                                                          | 134a                                                          | 134a                                                           | 134a                                                           |
| Adjustable Control Range                         | + 77...+ 113 / + 25...'+ 45C<br>Factory setting +95F/+35C     | + 77...+ 113 / + 25...'+ 45C<br>Factory setting +95F/+35C     | + 77...+ 113 / + 25...'+ 45C<br>Factory setting +95F/+35C      | + 77...+ 113 / + 25...'+ 45C<br>Factory setting +95F/+35C      |
| Max. Ambient Air Temp                            | +131 F (+55 C)                                                | +131 F (+55 C)                                                | +131 F (+55 C)                                                 | +131 F (+55 C)                                                 |
| Min. Ambient Air Temp                            | +20 F (-4 C)                                                  | +20 F (-4 C)                                                  | +20 F (-4 C)                                                   | +20 F (-4 C)                                                   |
| Air Capacity (unrestricted)                      | Internal Circulation 1270 CFM<br>External Circulation 830 CFM | Internal Circulation 1270 CFM<br>External Circulation 830 CFM | Internal Circulation 1612 CFM<br>External Circulation 1612 CFM | Internal Circulation 1612 CFM<br>External Circulation 1612 CFM |
| Condonsate Discharge                             | Condensate Evaporator                                         | Condensate Evaporator                                         | Condensate Evaporator                                          | Condensate Evaporator                                          |
| Filter Mat                                       | Filterless                                                    | Filterless                                                    | Filterless                                                     | Filterless                                                     |
| Db Noise Level                                   | <70 dB(A)                                                     | <70 dB(A)                                                     | <70 dB(A)                                                      | <70 dB(A)                                                      |

|                    | DTS3461A230N3LG                        | DTS3461A460N3LG                        | DTS3661A230N3LG                        | DTS3661A460N3LG                        |
|--------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| Refrigeration Data | DTS3481A230N4SS                        | DTS3461A460N3LG                        | DTS3681A230N4SS                        | DTS3681A460N4SS                        |
| Unit Weight        | 191 lbs/86 kg                          | 191 lbs/86 kg                          | 240 lbs/109 kg                         | 240 lbs/109 kg                         |
| Exterior Case      | Galvanized Sheet Steel / 304SS         | Galvanized Sheet Steel / 304SS         | Galvanized Sheet Steel / 304SS         | Galvanized Sheet Steel / 304SS         |
| Finish LG          | RAL7035 Light Gray                     | RAL7035 Light Gray                     | RAL7035 Light Gray                     | RAL7035 Light Gray                     |
| Finish GY          | ANSI 61 Gray                           | ANSI 61 Gray                           | ANSI 61 Gray                           | ANSI 61 Gray                           |
| Finish SS          | 304 SS cover Brush Finish              | 304 SS cover Brush Finish              | 304 SS cover Brush Finish              | 304 SS cover Brush Finish              |
| Nema Rating        | Enclosures IP 56 / Nema 3, 4, 4X<br>SS | Enclosures IP 56 / Nema 3, 4, 4X<br>SS | Enclosures IP 56 / Nema 3, 4, 4X<br>SS | Enclosures IP 56 / Nema 3, 4, 4X<br>SS |

Data subject to change without notice

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