



Quality Products. Service Excellence.

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

Type 3R, 4, 4X, 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.
- Condensator with 3 mm fin spacing, highly effective protection against strongly contaminated and aggressive ambient air.

Standards

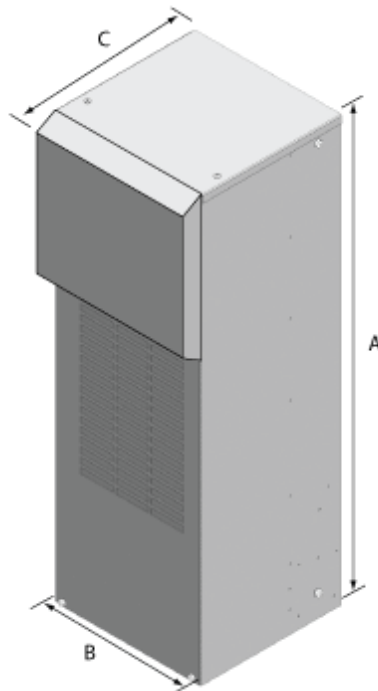
- UL, cUL, and CE
- Complies with
 - IP56
 - NEMA 3R, 4, 4X

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 Factory setting +95F/+35C	+ 77...+ 113 / + 25...'+ 45C Factory setting +95F/+35C	+ 77...+ 113 / + 25...'+ 45C Factory setting +95F/+35C	+ 77...+ 113 / + 25...'+ 45C 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 External Circulation 830 CFM	Internal Circulation 1270 CFM External Circulation 830 CFM	Internal Circulation 1612 CFM External Circulation 1612 CFM	Internal Circulation 1612 CFM External Circulation 1612 CFM
Condensate 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 SS	Enclosures IP 56 / Nema 3, 4, 4X SS	Enclosures IP 56 / Nema 3, 4, 4X SS	Enclosures IP 56 / Nema 3, 4, 4X SS

Data subject to change without notice

© 2019. Hammond Manufacturing Ltd. All rights reserved.