



Quality Products. Service Excellence.

20,000-25,000 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.
- 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
DTS3461C230N3LG	57.20	15.80	19.70
DTS3461C460N3LG	57.20	15.80	19.70
DTS3481C230N4SS	57.20	15.80	19.70
DTS3481C460N4SS	57.20	15.80	19.70
DTS3661C230N3LG	57.20	15.80	19.70
DTS3661C460N3LG	57.20	15.80	19.70
DTS3681C230N4SS	57.20	15.80	19.70

Part Number	A	B	C
DTS3681C460N4SS	57.20	15.80	19.70

* For ANSI 61 Gray replace LG with GY

	DTS3461C230N3LG DTS3481C230N4SS	DTS3461C460N3LG DTS3481C460N4SS	DTS3661C230N3LG DTS3681C230N4SS	DTS3661C460N3LG DTS3681C460N4SS
Electrical Data				
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	207-253V	414-506V	207-253V	414-506V
Power Consumption	2450W	2431W	3678W	3060W
Running Amps	11.82A	4.06A	16.06A	5.18A
Starting Current	23A	7A	32A	10A
Line Cord	Terminal Block	Terminal Block	Terminal Block	Terminal Block

	DTS3461C230N3LG DTS3481C230N4SS	DTS3461C460N3LG DTS3481C460N4SS	DTS3661C230N3LG DTS3681C230N4SS	DTS3661C460N3LG DTS3681C460N4SS
Refrigeration Data				
Cooling Capacity BTU/h (Watts) +95/+95F +35/+35C	20657 BTU/h (6049 Watts)	20901 BTU/h (6120 Watts)	25353 BTU/h (7424 Watts)	25930 BTU/h (7593 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	+25 F (-4 C)	+25 F (-4 C)	+25 F (-4 C)	+25 F (-4 C)
Air Capacity (unrestricted)	Internal Circulation 1234 CFM External Circulation 558 CFM	Internal Circulation 1330 CFM External Circulation 674 CFM	Internal Circulation 1266 CFM External Circulation 728 CFM	Internal Circulation 1277 CFM External Circulation 813 CFM
Condensate Discharge	Condensate Evaporator	Condensate Evaporator	Condensate Evaporator	Condensate Evaporator
Filter Mat	Filterless	Filterless	Filterless	Filterless
Db Noise Level	81 dB(A)	81 dB(A)	81 dB(A)	81 dB(A)
Unit Weight	210.1 lbs/95.3 kg	210.1 lbs/95.3 kg	234.8 lbs/106.5 kg	234.8 lbs/106.5 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 3R, 4, 4X SS	Enclosures IP 56 / Nema 3R, 4, 4X SS	Enclosures IP 56 / Nema 3R, 4, 4X SS	Enclosures IP 56 / Nema 3R, 4, 4X SS

Data subject to change without notice

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