

20,000-25,000 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.
- Condensor 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.

Accessories

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

Part Number	H	W	D
DTS3441CA230LG	57.20	15.80	16.10
DTS3441CA460LG	57.20	15.80	16.10
DTS3641CA230LG	57.20	15.80	16.10
DTS3641CA460LG	57.20	15.80	16.10

Electrical Data	DTS3441CA230LG	DTS3441CA460LG	DTS3641CA230LG	DTS3641CA460LG
Rated Voltage	230V 50/60 Hz	460V 50/60 Hz	230V 50/60 Hz	460V 50/60 Hz
Range of Operation	207-253V	414-506V	207-253V	414-506V
Power Consumption	2674W	2316W	3205W	2843W
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

Refrigeration Data	DTS3441CA230LG	DTS3441CA460LG	DTS3641CA230LG	DTS3641CA460LG
Cooling Capacity BTU/h (Watts) +95/+95F +35/+35C	20840 BTU/h (6103 Watts)	20434 BTU/h (5952 Watts)	25181 BTU/h (7374 Watts)	25526 BTU/h (7475 Watts)
Type of Refrigerant	R-134a	R-134a	R-134a	R-134a
Adjustable Control Range	+77...+113 / + 25...+ 45C Factory setting +95/+35C	+77...+113 / + 25...+ 45C Factory setting +95/+35C	+77...+113 / + 25...+ 45C Factory setting +95/+35C	+77...+113 / + 25...+ 45C Factory setting +95/+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	+46 F (+8 C)	+46 F (+8 C)	+46 F (+8 C)	+46 F (+8 C)
Air Capacity (unrestricted)	Internal Circulation 1244 CFM External Circulation 565 CFM	Internal Circulation 1418 CFM External Circulation 534 CFM	Internal Circulation 1546 CFM External Circulation 659 CFM	Internal Circulation 1653 CFM External Circulation 627 CFM
Condonsate 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	201.5 lbs/91.4 kg	201.5 lbs/91.4 kg	226.2 lbs/102.6 kg	226.2 lbs/102.6 kg
Exterior Case	Galvanized Sheet Steel	Galvanized Sheet Steel	Galvanized Sheet Steel	Galvanized Sheet Steel
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
Nema Rating	Enclosures IP 54 / Nema 12	Enclosures IP 54 / Nema 12	Enclosures IP 54 / Nema 12	Enclosures IP 54 / Nema 12

Data subject to change without notice