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.
- 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

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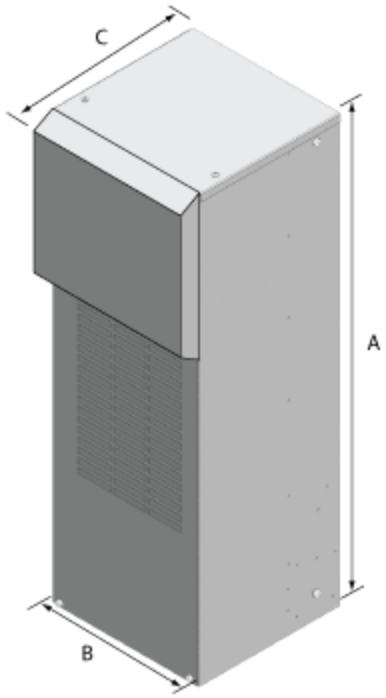

Part Number	A	B	C
DTS3145A115LG	36.65	11.89	14.40
DTS3145A230LG	36.65	11.89	14.40
DTS3145A460LG	36.65	11.89	14.40
DTS3245A115LG	53.00	16.00	14.40
DTS3245A230LG	54.00	16.00	14.40
DTS3245A460LG	54.00	16.00	14.40

* For ANSI 61 Gray replace LG with GY

Electrical Data	DTS3145A115LG	DTS3145A230LG	DTS3145A460LG	DTS3245A115LG	DTS3245A230LG	DTS3245A460LG
Rated Voltage	115 V 60 Hz	230 V 50/60 Hz	460 V 50/60 Hz	115 V 60 Hz	230 V 50/60 Hz	460 V 50/60 Hz
Range of Operation	103-127 V	206-254 V	360-506 V	103-127 V	198-253 V	360-506 V
Power Consumption	1224 W	1283 W	1496 W	1850 W	1608 W	1700 W
Running Amps	10.64 A	5.58 A	1.88 A	16.9 A	7.3 A	3.14 A
Starting Current	48 A	26 A	16 A	57 A	30 A	8 A
Line Cord	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block

Refrigeration Data	DTS3145A115LG	DTS3145A230LG	DTS3145A460LG	DTS3245A115LG	DTS3245A230LG	DTS3245A460LG
Cooling Capacity	6142 BTU (1800 W)	6995 BTU (2050 W)	6995 BTU (2050 W)	12472 BTU (3657 W)	12007 BTU (3515 W)	12000 BTU (3500 W)
Type of Refrigerant	134a	134a	134a	134a	134a	134a
Refrigerant Charge	650 g	900 g	825 g	1200 g	1200 g	1200 g
Adjustable Control Range	+ 77…+ 131°F/ + 25… + 45°C Factory setting +95°F/+35°C	+ 77…+ 131°F/ + 25… + 45°C Factory setting +95°F/+35°C	+ 77…+ 131°F/ + 25… + 45°C Factory setting +95°F/+35°C	+ 77…+ 131°F/ + 25… + 45°C Factory setting +95°F/+35°C	+ 77…+ 131°F/ + 25… + 45°C Factory setting +95°F/+35°C	+ 77…+ 131°F/ + 25… + 45°C Factory setting +95°F/+35°C
Max. Ambient Air Temp	+131°F (+55°C)	+131°F (+55°C)	+131°F (+55°C)	+131°F (+55°C)	+131°F (+55°C)	+131°F (+55°C)
Min. Ambient Air Temp	+59°F (+15°C)	+59°F (+15°C)	+59°F (+15°C)	+59°F (+15°C)	+59°F (+15°C)	+59°F (+15°C)
Air Capacity (unrestricted)	Internal Circulation 341CFM	Internal Circulation 341CFM	Internal Circulation 341CFM	Internal Circulation 765CFM	Internal Circulation 706CFM	Internal Circulation 706CFM
	Internal Circulation 706CFM	Internal Circulation 706CFM	Internal Circulation 706CFM	External Circulation 765CFM	Internal Circulation 706CFM	Internal Circulation 706CFM
Condonsate Discharge	Condensate Evaporator	Condensate Evaporator	Condensate Evaporator	Condensate Evaporator	Condensate Evaporator	Condensate Evaporator
Filter Mat	Filterless	Filterless	Filterless	Filterless	Filterless	Filterless
Db Noise Level	<70 dB(A)	<70 dB(A)	<70 dB(A)	<70 dB(A)	<70 dB(A)	<70 dB(A)
Unit Weight	108 lbs/49 kg	108 lbs/49 kg	108 lbs/49 kg	150 lbs/ 68 kg	150 lbs/ 68 kg	150 lbs/ 68 kg
Exterior Case	Galvanized Sheet Steel	Galvanized Sheet Steel	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	RAL7035 Light Gray	RAL7035 Light Gray
Finish GY	ANSI 61 Gray	ANSI 61 Gray	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	Enclosures IP 54 / Nema 12	Enclosures IP 54 / Nema 12

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Tags: **DTS**, **air conditioner**, **cooler**, **indoor**, **high capacity**, **7000 BTU**, **side mounting**, **NEMA 12**, **Type 12**

Data subject to change without notice.

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