



Hazardous Area Explosion Proof Drum Heaters...

Heating of drums and containers in hazardous area projects. Safely heat flammable liquids in steel drums.

Inquiries & Technical Support 1-877-674-9744



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Hazardous Area Explosion Proof Drum Heaters



Hazardous Area Explosion Proof Drum Heaters



Explosion Proof Temperature Controller

HAZARDOUS AREA EXPLOSION PROOF DRUM HEATERS - PRODUCT DESCRIPTION

Hazardous environments have special considerations in order to keep it safe such as auto-ignition points. No matter what needs to be heated, we have a solution that meets the rigorous criteria of a hazardous area.

- Exclusive hazardous-area approval
- Class I Division 2 Groups A*, B, C, and D Class II Division 2 Groups F and G
- Dual set-point NEMA 7 temperature controller connected to a high temperature limit indicator light

- Exceptional 8" (203mm) coverage area
- Superior durability and flexibility
- Moisture and chemical resistant
- Patented grounded heating element meets NEC 427.23

* only for drum heater without NEMA 7 temperature controller. Contact factory for more information.

Specifications:

- 8" (203mm) wide band
- High-limit thermostat designed to keep heater below NEC article 500 T-rating
- Power density: 2.5 watts/in² (.004 watts/mm²)
- Heating element is laminated between two layers of 23mil and two layers of 25mil fiberglass reinforced silicone rubber
- Nominal silicone rubber density of 26 oz/yd² (881 grams/m²) per layer
- Attached adjustable dual set-point NEMA 7 temperature controller with power cord 6 feet (1.8) long. One set-point is set at a high temperature limit and connected to read indicator light.
- Blanket leads 6 feet (1.8m)long for NEMA 7 controller; 1 foot (0.3M) without controller
- Leads from blanket to controller are enclosed in a liquid tight conduit
- 392oF (200oC) maximum exposure temperature on heating surface
- Designed for use on metal drums

T Rating	NEC Temperature	Actual High Limit Thermostat
T3	392°F (200°C)	292°F (145°C)
T4A	248°F (120°C)	158°F (70°C)

For T3 rated environments

Gallon (Liter) Size	Diameter in (mm)	Total Wattage	Length in (mm)	Width in (mm)	Part Number	
					120VAC	240VAC
30 (114)	18.6 (473)	1000	58.5 (1496)	8 (203)	DHCX131000T3	DHCX231000T3
55 (208)	22.3 (565)	1300	70.0 (1778)	8 (203)	DHCX151300T3	DHCX251300T3

For T4A rated environments

Gallon (Liter) Size	Diameter in (mm)	Total Wattage	Length in (mm)	Width in (mm)	Part Number	
					120VAC	240VAC
30 (114)	18.6 (473)	1000	58.5 (1496)	8 (203)	DHCX131000T4 A	DHCX231000T4 A
55 (208)	22.3 (565)	1300	70.0 (1778)	8 (203)	DHCX151300T4 A	DHCX251300T4 A

How To Order Explosion Proof Hazardous Area Drum Heaters

- 1) Specify 30 or 55 Gallon Explosion Proof Hazardous Area Drum Heater
- 2) Specify Watts and Volts
- 3) Specify T Rating - T3 or T4A. See Chart above for ratings
- 4) Specify part number from charts above
- 5) Provide specific heat of material being heated
- 6) Specify material being heated
- 7) Specify number of units required
- 8) Specify type of application and its parameters



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