

## DHCX Hazardous-Area Rated Drum Heater

### Product Highlights

- ✓ Hazardous-area rated \*
- ✓ Dual set-point NEMA 7 temperature controller connected to a high temperature limit indicator light
- ✓ Exceptional durability and flexibility for a wide range of metal drum heating applications
- ✓ Extra-wide 8" (203mm) silicone rubber band
- ✓ Patented grounded heating element meets NEC 427.23
- ✓ Moisture, chemical, and radiation resistant
- ✓ Heating element is laminated between two layers of 23mil and two layers 27mil fiberglass reinforced silicone rubber



\* Class I Division 2 Groups A, only for drum heater without NEMA 7 temperature controller.

### Specifications:

- Power Density: 2.50 W/in<sup>2</sup> (0.39 W/cm<sup>2</sup>)
- Voltage Options: 120VAC or 240VAC
- Exposure Temperature: -60°F to 400°F (-51°C to 204°C)
- Dielectric Strength: Over 2000 volts
- Silicone Rubber Density: 104 oz/yd<sup>2</sup> (3526 g/m<sup>2</sup>)
- High-limit thermostat designed to keep blanket below NEC article 500 T-Rating

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)

- Power Cord:  
6-foot (1.8m) long for models with NEMA7 controller  
1-foot (0.3m) long for models without controller  
Leads from heater to controller are in liquid tight conduit.
- Ingress Protection Rating: IP54

### Ordering Information:

For T3 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 (1486)	8 (203)	DHCX131000T3	DHCX231000T3
55 (208)	22.3 (566)	1300	70.0 (1778)	8 (203)	DHCX151300T3	DHCX251300T3

For T4A Environments

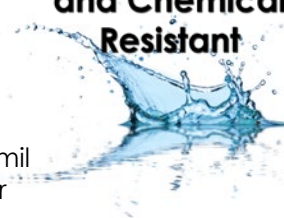
Gallon (Liter) Size	Diameter in (mm)	Total Wattage	Length in (mm)	Width in (mm)	Part Number	
					120VAC	240VAC
30 (114)	18.6 (473)	1000	58.5 (1486)	8 (203)	DHCX131000T4A	DHCX231000T4A
55 (208)	22.3 (566)	1300	70.0 (1778)	8 (203)	DHCX151300T4A	DHCX251300T4A

**Ordering Option:** Without controlling thermostat and pilot light. Replace "C" with "N" in part number. External control is required with this option.



**APPROVED**  
Class I Division 2  
Groups A\*, B, C, and D  
Class II Division 2,  
Groups F and G

**Moisture and Chemical Resistant**



NEMA 7 Controller and High Temperature Limit Indicator Light

