

HAZARDOUS-AREA RATED SILICONE RUBBER DRUM HEATER

Features & Benefits

- ▶ FM Approved for Class I & II, Division 2 environments
- ▶ High-limit thermostat designed to keep heater below NEC Article 500 T-rating
- ▶ Dual setpoint NEMA 7 temperature controller connected to a high temperature limit indicator light
- ▶ Extra-wide 8 in (203 mm) surface coverage
- ▶ Moisture and chemical resistant — IP54 rated
- ▶ Grounded for your safety — meets NEC 427.23
- ▶ 6 ft (1.8 m) long power cord with explosion proof plug
- ▶ Intrinsically safe — Able to be used in hazardous environments
- ▶ Easy-to-use — simple plug-and-play design
- ▶ Rugged — provides long service life

Specifications

Heater Width: 8 in (203 mm)

Power Density: 2.50 W/in² (0.39 W/cm²)

Voltage Options: 120 VAC or 240 VAC

High Limit Thermostat:

- T3 model: 292 °F (144 °C)
- T4A model: 158 °F (70 °C)

Exposure Temperature: -60 °F to 400 °F (-51 °C to 204 °C)

Dielectric Strength: Over 2000 volts

Attachment Type: Expandable spring closures — expands up to 3 in (76 mm)

Outer Construction: Heating element is laminated between two layers of 23 mil and two layers of 27 mil reinforced silicone rubber

Silicone Rubber Density: 104 oz/yd² (3526 g/m²)

Power Cord:

- 6 ft (1.8 m) long for models with NEMA 7 controller (DHCX)
- 1 ft (0.3 m) long for models without controller (DHNX)

IP Rating: IP54

*Group A approval valid only with drum heater without NEMA 7 temperature controller (DHNX series)



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

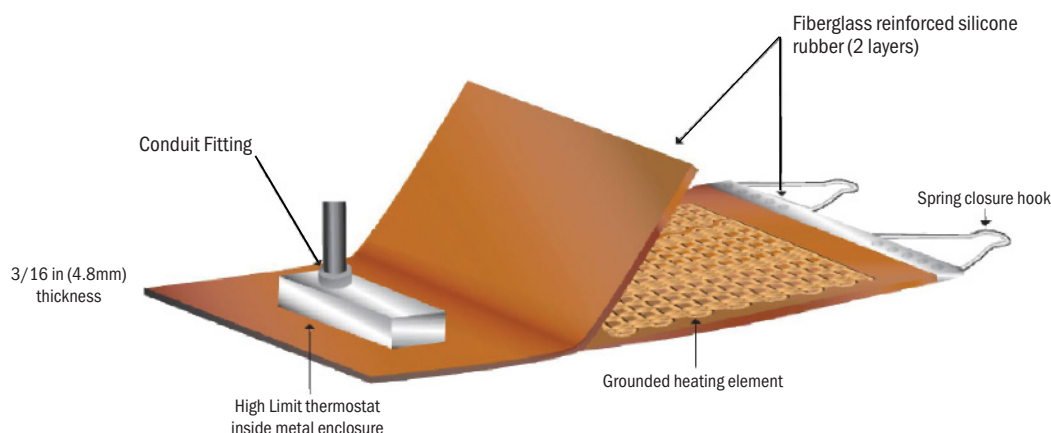


**Moisture
& Chemical
Resistant**



**DHCX — Includes NEMA 7 Controller and
High Temperature Limit Indicator Light**

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Ordering Information

DHCX Series: With NEMA 7 controller and pilot light indicator. Includes 6 ft (1.8 m) long power cord with an explosion proof NEMA 5-15P (120 VAC) or NEMA 6-15P plug (240 VAC)

Part No.		Size Gal (l)	Diameter in (mm)	Total Wattage	Length in (mm)	Width in (mm)	T-Rating	High Limit Thermostat Temperature °F (°C)
120 VAC NEMA 5-15P plug	240 VAC bare wire leads							
DHCX131000T3	DHCX231000T3	30 (114)	18.6 (473)	1000	58.5 (1486)	8 (203)	T3	292 (144)
DHCX131000T4A	DHCX231000T4A						T4A	158 (70)
DHCX151300T3	DHCX251300T3	55 (208)	22.3 (566)	1300	70.0 (1778)	8 (203)	T3	292 (144)
DHCX151300T4A	DHCX251300T4A						T4A	158 (70)

DHNX Series: Without NEMA 7 controller and pilot indicator light. Includes 1 ft (0.3 m) long power lead exiting out of conduit fitting. External control is required with this option

Part No.		Size Gal (l)	Diameter in (mm)	Total Wattage	Length in (mm)	Width in (mm)	T-Rating	High Limit Thermostat Temperature °F (°C)
120 VAC	240 VAC							
DHNX131000T3	DHNX231000T3	30 (114)	18.6 (473)	1000	58.5 (1486)	8 (203)	T3	292 (144)
DHNX131000T4A	DHNX231000T4A						T4A	158 (70)
DHNX151300T3	DHNX251300T3	55 (208)	22.3 (566)	1300	70.0 (1778)	8 (203)	T3	292 (144)
DHNX151300T4A	DHNX251300T4A						T4A	158 (70)



We partnered with BriskHeat when we were still in our R&D phase. Using their knowledge, advice, and equipment, we've gone from a pilot operation to a fledgling manufacturing plant. We continue to add more of their silicone blankets and drum heaters as part of our expansion.



**~ S Whalley
Arcitell**