

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

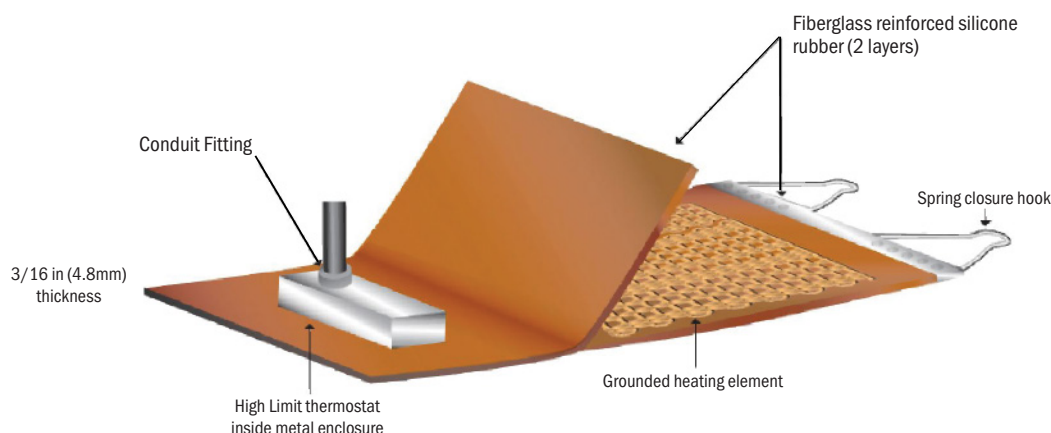


**Moisture
& Chemical
Resistant**



**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**