

Silicone Rubber Drum and Pail Heaters



Built tough

Resistant to chemicals

Ratings for Metal and Plastic Drums and Pails

Easy to clean

Stock to 2 week lead time

Agency Approvals:
(See page 9-2 for details)



Design Features

- * Maximum operating temperature of 425°F (218°C).
- * Power cord is 6-foot long, SJO Type 16/3 complete with three-prong plug for 120 VAC models. Plugs are not included on 240 VAC models but are available (see page 15-15).
- * Surface grounded electrically with internal ground screen.
- * 1250 volts dielectric tested.
- * Vulcanized silicone rubber construction resistant to moisture, ozone, fungus, and radiation.
- * Adjustable thermostat, see page 9-16 for specifications.

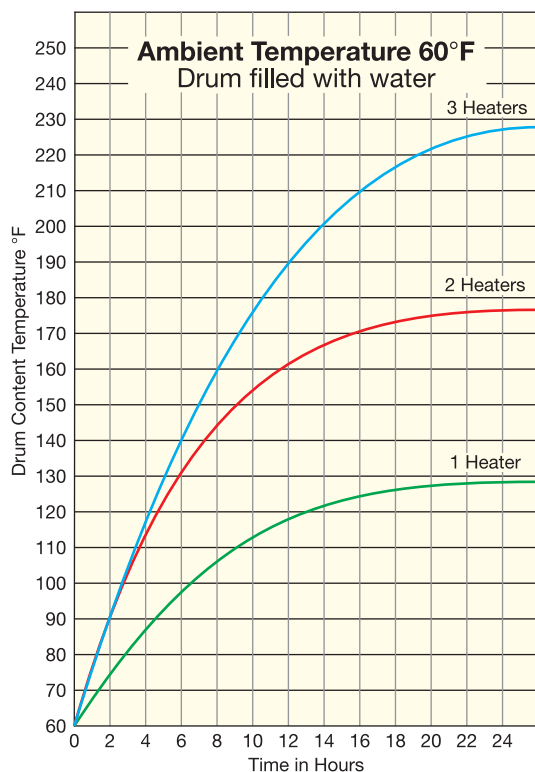
Tempco flexible drum heaters can save time by heating stored viscous fluid to a pourable temperature.

The heater is built to be tough, long lasting, and resistant to chemicals. Because few materials stick to its silicone rubber with fiberglass reinforced construction, it is easy to clean. The heater comes with a 6-foot cord and plug (120V only). When not in use, it rolls for convenient storage.

The total wattage (number of heaters) and the material being heated inside of the drum must be considered when determining the actual temperature to which that specific material can be heated.

Standard (Non-Stock) and Stock Drum Heaters for Metal Drums

Stock Items Are Shown In **RED**



Drum Size	Drum Dia.	Heater Width	Heater Length	Watts	Part Number		Thermostat
					120V	240V	
5 Gal.	11.5	3"	31"	300	DHR00150	DHR01010	50-425°F
15 Gal.	13.5	3"	38"	500	DHR00110	DHR00130	50-425°F
30 Gal.	18	3"	52"	750	DHR00070	DHR00090	50-425°F
55 Gal.	22.5	3"	64"	1000	DHR00020	DHR00040	50-425°F
5 Gal.	11.5	3"	31"	300	DHR00140	DHR01041	No
15 Gal.	13.5	3"	38"	500	DHR00100	DHR00120	No
30 Gal.	18	3"	52"	750	DHR00060	DHR00080	No
55 Gal.	22.5	3"	64"	1000	DHR00010	DHR00030	No
5 Gal.	11.5	4"	31"	550	DHR01014	DHR01018	50-425°F
15 Gal.	13.5	4"	38"	700	DHR01013	DHR01017	50-425°F
30 Gal.	18	4"	52"	1000	DHR01012	DHR01016	50-425°F
55 Gal.	22.5	4"	64"	1500	DHR00050	DHR00055	50-425°F
5 Gal.	11.5	9.5"	31"	1000	DHR01023	DHR01047	70-190°F
15 Gal.	13.5	9.5"	38"	1000	DHR01024	DHR01046	70-190°F
55 Gal.	22.5	9.5"	64"	1500	DHR01025	DHR01045	70-190°F

Standard (Non-Stock) and Stock Drum Heaters for Plastic Pails

Stock Items Are Shown In **RED**

Drum Size	Drum Dia.	Heater Width	Heater Length	Watts	Part Number		Thermostat
					120V	240V	
5 Gal.	11.5	4"	31"	150	DHR01034	DHR01044	50-160°F
15 Gal.	13.5	4"	38"	200	DHR01035	DHR01036	50-160°F
30 Gal.	18	4"	52"	250	DHR01037	DHR01038	50-160°F
55 Gal.	22.5	4"	64"	300	DHR01033	DHR01039	50-160°F
5 Gal.	11.5	9.5"	31"	300	DHR01027	DHR01043	70-140°F
55 Gal.	22.5	9.5"	64"	750	DHR01026	DHR01042	70-140°F

Standard lead time is Stock to 2 weeks.

View Product Inventory @ www.tempco.com

Hazardous Area Rated Silicone Rubber Drum Heaters



Design Features

- * Dual setpoint NEMA 7 temperature controller connected to a high temperature limit indicator light
- * Extra wide 8" coverage area
- * Exceptional durability and flexibility
- * Grounded heating element meets NEC 427.23
- * Designed for metal drums



Hazardous Area Rated

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



NEMA 7 Thermostat Control Assembly
with High Limit Indicator Lamp

Specifications

Physical Description

Heating elements laminated between two layers of 23 mil and two layers of 15 mil fiberglass reinforced silicone rubber.

Power Density: 2.5W/sq.in.

Nominal Silicone Rubber Density: 26 oz/sq.yd.

Electrical Ratings

Wiring from Drum Heater to Controller: 6 ft. liquid-tight conduit

Line Cord from Controller Assembly: 6 ft. industrial power cord

Line Cord Termination: 120V – Hazardous area rated 5-15P plug
240V – No plug, flying leads

Thermostat

High Limit Thermostat:

- designed to keep blanket below NEC article 500-T rating:

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

- High limit red indicator lamp
- Attached adjustable dual setpoint thermostat NEMA 7 temperature controller. Moisture and chemical resistant.

Thermostat Range: 25°-325°F/-4°-163°C, dual scale limited by the "T Rating"

Ordering Information

Select the part number of the hazardous area silicone rubber drum heater that matches your requirements.

Standard lead time is 4 weeks.

Standard Hazardous Area Rated Drum Heaters

Drum Size Gallons	Drum Dia. in	Heater Width in	Heater Length in	Wattage	Part Number		T-Rating
					120VAC	240VAC	
30	18.6	8	58.5	1000	DHX00101	DHX00201	T-3
55	22.3	8	70.0	1300	DHX00102	DHX00202	T-3
30	18.6	8	58.5	1000	DHX00103	DHX00203	T-4A
55	22.3	8	70.0	1300	DHX00104	DHX00204	T-4A

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.