

Flexible Heaters

Silicone Rubber Heaters

Drum Heaters - Wire-Wound Offering

Performance Capabilities

- Available with fixed or adjustable thermostats for temperatures up to 330°F (165°C)
- Watt density of 6 W/in² (1 W/cm²)

Features and Benefits

Protects fluids stored in drums

- Prevents fluids from freezing

Quick delivery on 28 styles from stock

- Simplifies operation

Includes six-foot cord and plug set

- Allows for application convenience

Typical Applications

- Freeze protection
- Viscosity control

Application Hints

- Allow a 3 in. (76 mm) gap between heater ends when clamped around a drum.
- Heaters with thermostat settings of 40°F and 60°F (4°C and 16°C) will have open circuit readings if room temperature exceeds the thermostat settings.
- Heaters cannot be bench tested since the thermostat is located over a no-heat section of the heater. Accurate testing of the heater requires it to be placed over the drum that is to be heated.
- When a single heater is used, place the heater at the bottom of the drum to minimize stratification.

Standard Features

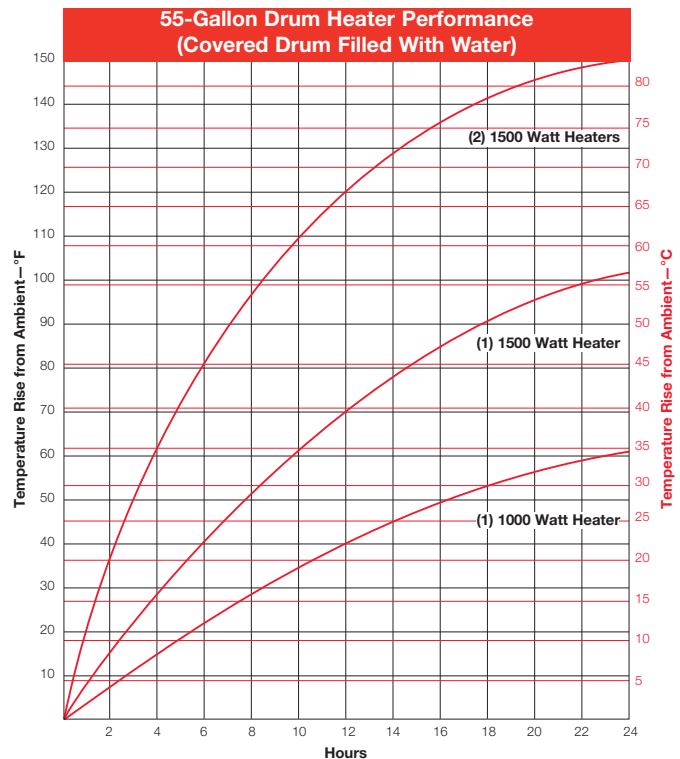
Watlow flexible drum heaters are designed for use on 5-, 30- and 55-gallon **metal** drums. They come with the following features:

- 6 ft (1.8 m) cord and plug set
- Latch fasteners and springs
- Two styles of thermostats:
 - T-207 snap action, available on all sizes
 - B-200-3 adjustable, available only on 4 in. (102 mm) wide units and mounted in a silicone rubber boot to protect it from contamination



Determining Temperature Rise From Ambient

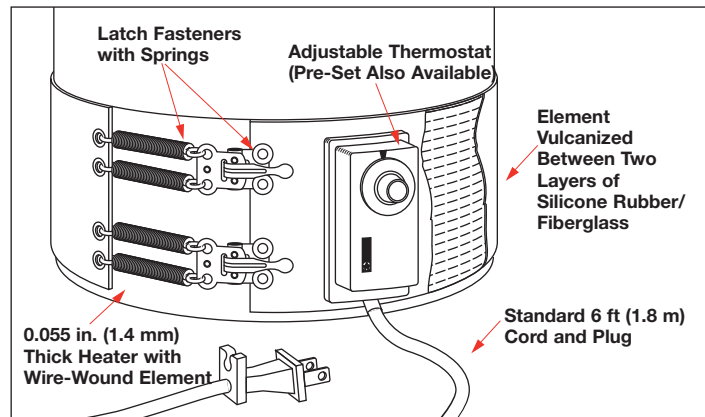
The total wattage (number of heaters and the material being heated) must be considered when estimating the actual temperature the contents of the drum will reach. The graph below shows the temperature rise from ambient conditions, not drum content temperature.



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Drum Size	Volts	Watts	Width in. (mm)	Thermostat	Code Number
5 gal. (20 L) 11½ in. (292 mm) nom. diameter	120	650	4 (102.0)	(no thermostat)	04031500A
				150°F (66°C)	04031500BT
				100°F (38°C)	04031500CT
				40°F (4°C)	04031500DT
				60°F (16°C)	04031500HT
				Adj. 25°-330°F (-5°-165°C)	04031510
30 gal. (115 L) 18½ in. (470 mm) nom. diameter	120	750	2⅛ (68.3)	(no thermostat)	02655080A
				150°F (66°C)	02655080BT
				100°F (38°C)	02655080CT
				40°F (4°C)	02655080DT
				60°F (16°C)	02655080ET
				(no thermostat)	02667700A
55 gal. (210 L) 22½ in. (572 mm) nom. diameter	120	1000	2⅛ (68.3)	150°F (66°C)	02667700BT
				100°F (38°C)	02667700CT
				40°F (4°C)	02667700DT
				60°F (16°C)	02667700ET
				(no thermostat)	04067700A
				55 gal. (210 L) 22½ in. (572 mm) nom. diameter	120
100°F (38°C)	04067700CT				
40°F (4°C)	04067700DT				
60°F (16°C)	04067700GT				
Adj. 25°-330°F (-5°-165°C)	04067710				
55 gal. (210 L) 22½ in. (572 mm) nom. diameter	240 ^①	1500	4 (102.0)		
				150°F (66°C)	04067701BT
				100°F (38°C)	04067701CT
				40°F (4°C)	04067701DT
				60°F (16°C)	04067701ET
				Adj. 25°-330°F (-5°-165°C)	04067711

RAPID SHIP

• 2 to 5 day shipment

① Supplied with 6-ft (1.8 m) cord—no plug.

Star Electric

to Order Call 1.800.345.0369