Tempco Silicone Rubber Drum Heater
Installation Instructions for “DHR” Series

Do NOT apply power to heater prior to proper installation. Disconnect power supply to heater before removing the heater from installation.

1. Attach the heater assembly to the drum to be heated by hooking the spring over the hook clip at the other heater end as pictured below.

![Heater Assembly Diagram]

2. Most importantly, be sure to wrap the heater tightly around the drum where it will be in full contact with the drum, making sure the heater is perfectly flat against the side of the drum to avoid hot spots that can shorten the life of the heater (avoid installing heater over drum ridges).
   A. DO NOT place the drum heater over dents or extreme rust spots.
   B. DO NOT immerse heaters in liquid.
   C. DO NOT operate heaters at a voltage higher than the specified or rated voltage as indicated on the label.
   D. DO NOT expose heaters to chemicals, acids, alkalis, oils, fluids or other substances that could ignite or cause damage to the heater.
   E. DO NOT place any insulated material over the heater unless adequate measures are taken to control heater temperature.
   F. DO NOT leave heaters operating unattended unless an external temperature controller is installed to ensure safety.
   G. DO NOT attempt to repair damaged heaters. Immediately discard damaged or torn heaters to avoid injury and hazardous conditions.

3. The heater must be below the level of liquid in the drum.

4. To avoid damaging the internal element of the heater, do not bend the heater sharply.

5. It is recommended to open the bung to allow for expansion of the contents when heating.

6. Make sure heaters are installed and used by qualified, trained professionals.

Thermostat Equipped Models:
1. Set the thermostat to the minimum temperature setting by rotating the knob fully counter clockwise.

   ![Thermostat Diagram]

2. Follow the steps below to bring the temperature of contents to desired level.
   1) Rotate the thermostat clockwise a small amount.
   2) Allow contents to stabilize at new temperature.
   3) Repeat steps 1 and 2 until desired temperature is reached.

3. The maximum allowable temperature of the silicone rubber drum heater is 450°F.
   A. Certain conditions, such as thermodynamic heat transfer involving the thermostat, physical condition of the drum, liquid level in the drum and the desired temperature of drum contents, may cause thermostat to allow the set temperature to be exceeded. BE CAREFUL to avoid damaging the heater prematurely.

For additional information please contact the appropriate Tempco territorial sales manager.