

### General Considerations:

Wrap-It Heat Model SRX-55 Drum Heater is designed to heat Non Flammable, Heat Sensitive Materials. Model SRX-55 features an Infinite Control (Variable) in series with a Three Heat Switch. The function of the Infinite Control is to cycle the current ON and OFF. As the control is advanced to a higher number on the dial, the ON time of the heater is increased to the point of FULL ON at the highest setting. The cycling of the control will provide a gentle warming action of the heater in each of the three heat switch settings except at FULL ON.

Standard units come in a 120 volt and 240 volt rating. The three heat switch allows three wattage settings per control setting and voltage rating. They are High; for maximum watts; Medium; for 1/2 maximum watts and Low; for 1/4 maximum watts. SRX-55 comes equipped with a spring loaded toggle clamp for a snug fit to the drum, a six foot power cord and a three pin plug.

### Set Up Instructions:

After reviewing the WARNING INFORMATION included with the operating instruction, place the SRX-55 over the drum rim using the hook and chain to hang the heater from the drum rim. Mount the SRX-55 near the drum base. Tighten the clamp spring nuts after closing the clamp to ensure you have a snug fit between the drum heater and the metal drum.

#### CAUTION

Failure to secure an absolute tight fit between the drum heater and the drum surface will result in heater failure. If two SRX-55's are placed upon the same drum, be sure that the power cord of the uppermost drum heater falls upon an unheated section (clamping area) of the lower drum heater.

Before energizing your drum heater, make sure the content level in the drum you are heating is ABOVE the top edge of the heater band. Should the material level fall below the band, the heater may not function properly, eventually decreasing heater service life.

Model SRX-55 is equipped with two pilot lights; one green the other red. The GREEN pilot light will glow continuously as long as the heater is plugged into an active

electrical outlet. The red pilot light will glow only when the control is in the ON position and the heater is pulsing heat into your material.

When you are heating a material for the first time using Model SRX-55, the material temperature should be monitored with a thermometer. Record the control setting(s) for future reference.

The control setting you have determined for one material and set of environmental conditions may not be accurate for a different material. Please, repeat the entire set-up procedure with the new material to ensure that you secure the best results with Wrap-It Heat Model SRX-55.



### Operating Instructions:

All material being heated by Model SRX-55 should be monitored with a thermometer because the material near the outside of the drum will heat faster than the material near the center of the drum. The temperature of the material in the drum also depends upon the drum placement (drafts, etc.), heater placement upon the drum (snug fit) and the heat receptive properties of your material. The drum seam or any other defect in the drum surface should be spanned by the unheated clamp area of the heater.

#### CAUTION

Be aware of the fact that the temperature of the heat band adjacent to the drum surface can reach 450°F to 500°F when the three heat switch is in the high position. These band temperatures were determined while heating a 55 gallon drum full of water. The heat band temperatures may vary when heating your material.



# Installation Recommendations for Wrap-It Heat Model SRX-55 with Infinite Control for Metal Drums

Tempco's 120 volt/1,750 watt and 240 volt/3,000 watt drum heaters are equipped with a special, electrically grounded, three pin plug. IF YOU ALTER OR REPLACE THE PLUG YOU VOID YOUR WARRANTY.

For a 120 volt/1,750 watt SRX55 use a Hubbell single outlet #5361. For a 240 volt/3,000 watt unit use a Hubbell single outlet #5461. The outlets are available from your local distributor.

### SRX-55 SPECIFICATIONS

|                           |                            |
|---------------------------|----------------------------|
| Inner Diameter . . . . .  | 22 1/2"                    |
| Ship Weight . . . . .     | 14 lbs.                    |
| Operating Volts . . . . . | 120VAC or 240VAC           |
| Power Output . . . . .    | 1,750W@120V or 3,000W@240V |
| Ampere Draw . . . . .     | 14.6A@120V or 12.5A@240V   |

## Read This Warning Before Operating The Drum Heater For Metal Drums:

### THE FOLLOWING PRECAUTIONS MUST BE OBSERVED TO AVOID POSSIBLE INJURY OR PROPERTY DAMAGE!

The Drum or Pail Heater MUST NOT be used in area where FLAMMABLE VAPORS may, AT ANY TIME, be present. Failure to observe this caution can result in a fire or explosion.

### Monitor The Temperature While Heating Your Material

Do not use the Drum or Pail Heater to heat FLAMMABLE MATERIALS. Explosion or fire could result.

The Drum or Pail Heater surface is HOT during operation. Do not use the Drum or Pail Heater on or near where combustible substances can be ignited, resulting in a fire.

### Never Use The Drum Heater To Heat Flammable Materials Or Use In Hazardous Areas!

To avoid heater failure, do not allow the heater and/or the controls to become wet or spill material upon them.

The Drum or Pail Heater must be ELECTRICALLY GROUNDED to avoid the possibility of electrical shock to the operator. Never alter or remove the special high ampere, three pin, electrically grounded plug supplied as an integral part of the heater.

The USER must determine the suitability of the Drum or Pail Heater for the intended heating application. DO NOT LEAVE the Drum or Pail Heater UNATTENDED during the heating cycle. Disconnect the heater from the wall receptacle when it is NOT in use.

The DRUM or PAIL HEATER is for INDOOR USE ONLY.

The level of the material being heated must be above the top edge of the Drum or Pail Heater to ensure the best temperature sensing and heater life.

Vent the container while heating or it may explode.

DO NOT use drain spouts or valves on drums or pails that can fail at elevated temperatures, causing leaks, loss of material and/or possible personal injury to the operator.

### Make Absolutely Sure That The Drum Or Pail Heater Is Tightly Clamped Upon The Container!

NEVER use a Drum or Pail Heater inside or adjacent to HEAVY AIRBORNE DUST LOCATIONS such as grain elevators, grain silos, hay storage areas, etc.

Know how applied heat will affect your material before using the Drum or Pail Heater. If you are not sure how to heat your material, do not use the Drum or Pail Heater until you are informed as to how the application of heat will affect your material.