

*** Warnings (cont'd) ***
**Read this warning before operating the
Heated Drum Dolly for metal drums!!**

To avoid heater failure, do not allow the heater and/or controls to become wet or have liquids spilled upon them.

The Heated Drum Dolly must be electrically grounded to avoid the possibility of electrical shock to the operator. Never alter or remove the high amp, three pin, electrically grounded plug supplied as an integral part of the assembly.

The **user has the sole responsibility to determine the suitability** of the Heated Drum Dolly for the intended heating application. **Do not** leave the Heated Drum Dolly **unattended** during the heating cycle. Disconnect the line cord from the wall receptacle when not in use.

The Heated Drum Dolly is intended for indoor use only.

Remember when heating material for the first time, it is recommended that a thermometer be used to monitor the temperature.

Vent the drum while heating or it may explode.

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

Make absolutely sure that the drum is fully seated upon the dolly to ensure even heat.

Never use the Heated Drum Dolly 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 Heated Drum Dolly. If you are not sure how to heat your material, contact the material supplier for information.

Do not use the Heated Drum Dolly until you are informed as to how the application of heat will affect the material.

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TEMPCO®

USER MANUAL

Heated Drum Dolly Operating Instructions: Models DHM01001 & DHM01002



Tempco's Heated Drum Dolly is a 900 pound capacity drum dolly designed to warm non-flammable, non-hazardous, heat sensitive material contained within 55 gallon metal drums.

The Heated Drum Dolly comes equipped with either a 1750 watt/120 volt or a 1920 watt/240 volt heating element encased in a 15-1/4" square, 3/4" thick, cast aluminum platen. The dolly rolls on 3" diameter phenolic swivel casters. The infinite control provides an on/off, heat pulsing action. The heater assembly comes equipped with a six foot power cord and a high amperage three pin plug.

Read all warnings before using the Heated Drum Dolly. If you have difficulty operating your Heated Drum Dolly, please contact Tempco Customer Service at: **1-800-323-6859**.

Tempco's Heated Drum Dolly is designed to heat 55 gallon metal drums only. The Heated Drum Dolly cannot be used with plastic, plastic lined or fiber drums.

Operating Instructions:

Place one 55 gallon metal drum of material to be heated upon the dolly using a drum lifter or similar device. The Heated Drum Dolly comes equipped with two pilot lights; one green and 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 conducting power to the heating element.

Energize the heater by turning the control to the appropriate setting. The control will provide constant heat on the HI setting or a pulsing on-off cycling of power to the heater. For a lower than hi setting, refer to the ratio of on-time listed below.

- LO => 7.9%
- dash mark => 13%
- 2 => 21%
- dash mark => 29%
- 3 => 37%
- dash mark => 45%
- 4 => 53%
- dash mark => 60%
- 5 => 68%
- dash mark => 76%
- 6 => 84%
- dash mark => 92%
- HI => 100%

When you are heating material for the first time using the Heated Drum Dolly, the material temperature should be monitored with a thermometer. Record the control setting 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 possible with Tempco's Heated Drum Dolly.

If the heated platen is already Hot when placing the drum on the platen, extreme care must be taken to avoid possible injury to the operator.

Specifications:

- Outside Diameter** 28-1/2"
- Inside Diameter** 24"
- Height** 6"

Operating Voltage/Power Output:

- DHM01001 1750W @ 120 VAC
- DHM01002 1920W @ 240 VAC

Amperage Draw:

- DHM01001 14.9 Amps @ 120 VAC
- DHM01002 8.0 Amps @ 240 VAC

Control: Infinite Open Loop Bi-metal Control

- Indicators:** Green Pilot Lamp Indicates Power
- Red Pilot Lamp Indicates Heater On

Plugs: DHM01001 - high amp 120V style, NEMA 5-20
 DHM01002 - standard 240V style, NEMA 6-15

*** Warnings ***

Read this warning before operating the Heated Drum Dolly for metal drums!!

Never use the Drum Dolly to heat flammable materials or use in a hazardous area!!

The following precautions must be observed to avoid possible injury or property damage!!

The Heated Drum Dolly **must not** be used in an area where **flammable vapors may, at any time, be present**. Failure to observe this caution can result in fire and/or explosion.

Monitor the temperature while heating your material !!

Do not use the Heated Drum Dolly to heat flammable materials. Explosion or fire could result. The heated platen surface is hot during operation. Do not use the Heated Drum Dolly on or near where combustion substances can be ignited, resulting in a fire.

Continued on page 4