



6210 NORTHWEST DRIVE, MISSISSAUGA, ONTARIO L4V 1J6

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INSTALLATION AND MAINTENANCE OF DRUM HEATERS

INSTALLATION:

Holding the handles, spread and slide the DRUM HEATER on the drum, placing the heater close to the lower third of the drum (vertical installation) to ensure an even heating of the contents. If the drum has a horizontal installation, position the drum heater so that the terminal box remains on the side of the unit (not on top or bottom). If the terminal box is placed too high or too low, overheating can occur. To make sure the drum heater is well adjusted, before start-up tap the heater gently all around and when the unit is heating repeat the gentle tapping.

CONNECTION:

Plug into a suitable power source with the cable provided. Note that the **D130120 (120v 1900 watts)** model is a special **20 amps** plug configuration for which A#5-20R (CEMA-NEMA DESIGNATION) receptacle is required. The model **D130240** is a **240v 3000w (12.5 amps)**. Make sure that your power supply will handle 20 amps before connecting the unit.

OPERATION:

The heat cycle will vary from « **ON/OFF** » as required. Each time the pilot lamp indicates « **HEAT ON** », the drum heater will reach its maximum operating temperature approx. 288°C (550°F). The heater has a thermostat with a bulb control which has a range of 15°C-120°C (60°F-250°F), some initial experimenting may be necessary to find the most suitable setting for your application. The scale of the thermostat dial is **OFF to 10 (1=Low and 10=High)**.

NOTE : The drum heater must be installed on a steel drum, and is not for use on pressure tight containers or in explosive atmospheres. The model D130120 is rated at 5.5 watts per square inch, which is approx. 3 to 4 watts per square inch on the inside of the drum surface, while the model D130240 is rated at 8.5 watts per square inch, which is approx. 6 to 7 watts per square inch on the inside of the drum surface. Be sure the materials to be heated are compatible with this watt density rating.

MAINTENANCE:

Your DME/OHS drum heater is virtually maintenance-free. Check periodically to make sure that the unit is clamped tightly and kept reasonably clean.

WARNING:

When the drum heater is not in function **DISCONNECT IT.**