

Installation Instructions For Mica Heaters

Before Installation

1. Unpackage Mica Heater and inspect for any shipping damages. Do not operate damaged equipment.
2. Verify marking for watt and volt rating and compare to your supply voltage and capacity.

Installation Instructions

1. Mica Heaters should be installed on smooth clean cylinders or flat surfaces.
2. When putting Mica Heaters on barrel or nozzle, do not open the heater for installation. This can damage the mica and cause premature failure.
3. Make sure the Mica Heater is seated properly and the clamping band tightened as much as possible.

Optimizing Heater Performance

1. Use the correct Mica Heater diameter on the application to ensure proper fit.
2. Retighten Mica Heater clamps after being energized and cooled.
3. Avoid excessive torque on post terminals. Use a wrench to hold the bottom nut while loosening/tightening the top nut. 20 In-lb max torque on post terminal nuts.
4. Do not allow contaminants such as dirt, oil and plastics to collect on Mica Heaters. These materials can carbonize and cause electrical shorts.
5. Avoid moisture and splash down areas. Moisture could be wicked up by the leads or get into the inside of the heater causing the heater to fail.
6. Max Pressure for Mica Strip Heaters is 150 PSI.
7. Maximum sheath temperature is 900°F.