



INSTALLATION AND MAINTENANCE INSTRUCTIONS OF CARTRIDGE HEATER

1.0 INSTALLATION

- 1.0 Always follow the manufacturer's instructions when installing and using a cartridge heater. Improper installation or use can result in damage to the heater or even injury to personnel.
- 1.1 Do not touch the heater while it is in operation. The metal sheath can become extremely hot, and contact with the heater can result in burns or other injuries.
- 1.2 Keep the area around the heater clear of flammable materials. This includes paper, fabric, and other materials that can ignite if they come into contact with the heater.
- 1.3 Use a temperature controller to regulate the temperature of the heater. This will help prevent overheating and other hazards.
- 1.4 Make sure that the heater is not exposed to water or other liquids. This can damage the heater or result in electrical shock.
- 1.5 Check supply voltage with heater marking & user specifications before energizing.
- 1.6 Check the Resistance Value before installation to check the healthiness of heater.
- 1.7 Do not take it out when the heater is in running Condition.
- 1.8 Please avoid the high air gap near the heating surface of the cartridge heater.

2.0 START-UP INSPECTION

- 2.1 Check that all terminal connections are tightened properly.
- 2.2 Ensure no physical damages to the temperature sensors or any other part of the heater unit.
- 2.3 To ensure the safety of the heater, monitor the temperature so that it does not exceed the prescribed value.

3.0 MAINTENANCE

- 3.1 Disconnect power before performing any maintenance servicing.
- 3.2 Maintenance and repair should be performed only by qualified personnel.
- 3.3 Periodically check electrical connections for tightness.