

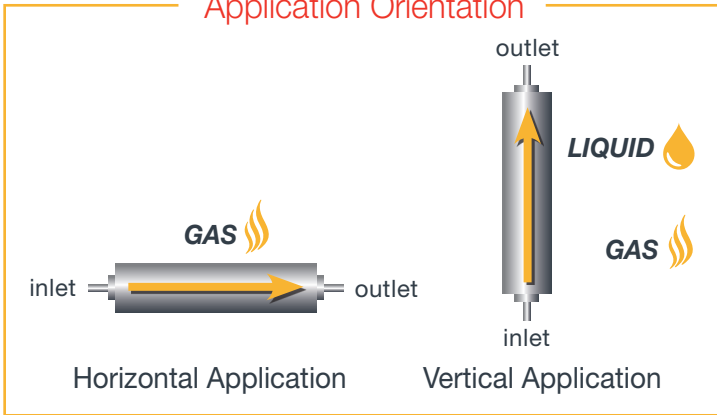
FLUENT® INSTALLATION



Mounting Orientation

- FLUENT® heater orientation must be vertical for liquids.
- Flow direction must always start at the inlet (lead exit) and flow to the outlet. When mounted vertically, the inlet side should be on the bottom.

Application Orientation



Temperature Control

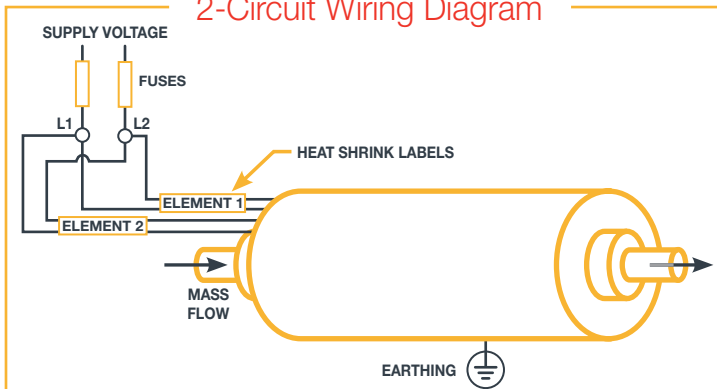
- The FLUENT heater should not be powered unless fluid flow is present.
- The integrated Type K thermocouple is mounted on the heating element and should only be used as a high limit sensor with a latching limit control.
- The maximum limit temperature setting is 350°C. A lower setting may be applicable and provide improved product protection.
- Fluid temperature sensing must be accomplished by a downstream sensor.



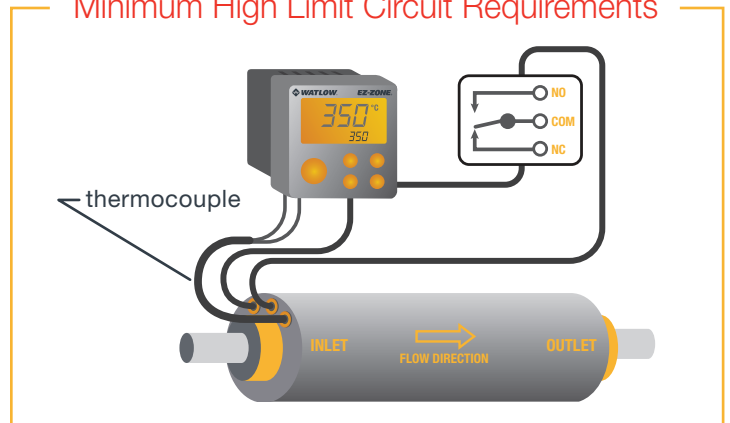
Electrical Connection

- Do not apply more than the recommended voltage marked on the FLUENT heater.
- Grounding to any of the exterior metal components is recommended.
- A heater with multiple heating circuits should have the circuits connected in parallel and must be powered simultaneously.

2-Circuit Wiring Diagram



Minimum High Limit Circuit Requirements



Other Specifications

- Maximum pressure rating: 150 PSI (10.3 bar)
- This is intended to be used as a quick start guide. Full documentation on these and other topics can be found in the product guide at <http://fluent.watlow.com/>