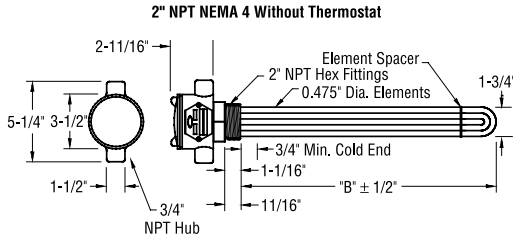


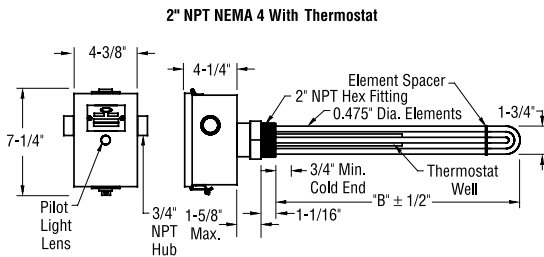
# Pipe Thread Heaters

## Heater Options

**Liquidproof NEMA 4 Outlet Box (Without Built-In Thermostat)** - Cast box with threaded, gasketed cover and 3/4" NPT female threaded hubs for electrical connections. For applications where there is danger of moisture entering the outlet box.



**Liquidproof NEMA 4 Outlet Box (With Built-In Thermostat)** - Welded steel outlet box with enamel finish and gasketed cover. Pilot light is visible through lens cover. Two 3/4" NPT hubs provided for electrical connections. Stainless steel outlet box is available as an option, with two 1-1/4" NPT hubs.



**Single-Pole, Single-Throw Thermostat on 1-1/2", 2" and 2-1/2" Pipe Thread Heaters** - Where single-pole control for pilot duty is adequate, and neither pilot light nor an ON/OFF switch is required. 0°-100° F and 60°-250° F temperature ranges are available.

### Alternate Thermostat Ranges, Type DA

Range °F	Pipe Thread Sizes (Inches)
0-100	All
150-550	1
200-550	1-1/4, 2, 2-1/2
300-700	1-1/4, 2, 2-1/2

**Omit Outlet Box** - For applications where heater terminals will be protected by field-furnished enclosures.

**Special Sheath Materials** - Incoloy 800, Inconel 600, Type 316 stainless steel and Monel 400 available.

**Special Header Materials** - Incoloy 800, Inconel 600 and Type 316 stainless steel headers available.

**Passivated Sheath** - Stainless steel sheath may be passivated with nitric acid to remove trace particles of steel that may be embedded during manufacture.

**Vertical Mounting for 1-1/4", 2", and 2-1/2" Pipe Thread Heaters with Thermostat** - Thermostat must be mounted vertically. Heaters with single-pole, single-throw thermostats can be mounted in any position without relocating the box.



**Other Special Ratings** - 2" and 2-1/2" pipe thread heaters available in 200, 277, 380, 400 and 600 volts. All sizes available with lower watt densities for special applications.

**Longer Elements** - Consult factory for length and wattage limits per element.

**CSA Approval** - Available on all standard heaters listed and on 2" and 2-1/2" pipe thread heaters rated at 600 volts.

**A Single-Pole, Single-Throw Thermostat** - In a 4" NEMA 1 octagon box with internal thermostat knob.

**Type HA Thermostat** - The DA box, with external manual reset button, has three contacts. Two cycle automatically and the third, auxiliary contact, opens on overtemperature. Temperature ranges of 60°-250° F or 200°-550° F are available with the following ratings:

Voltage-Single Phase	Capacity in KW
120	3.6
208	6.2
240	7.2
277	8.3

**Longer Element Cold Ends** - Cold ends are 3" for copper, stainless and steel, 6" for Incoloy. In vertically mounted heaters and other applications where the liquid will not completely cover the elements, immersion length should be increased by the length of additional cold end.