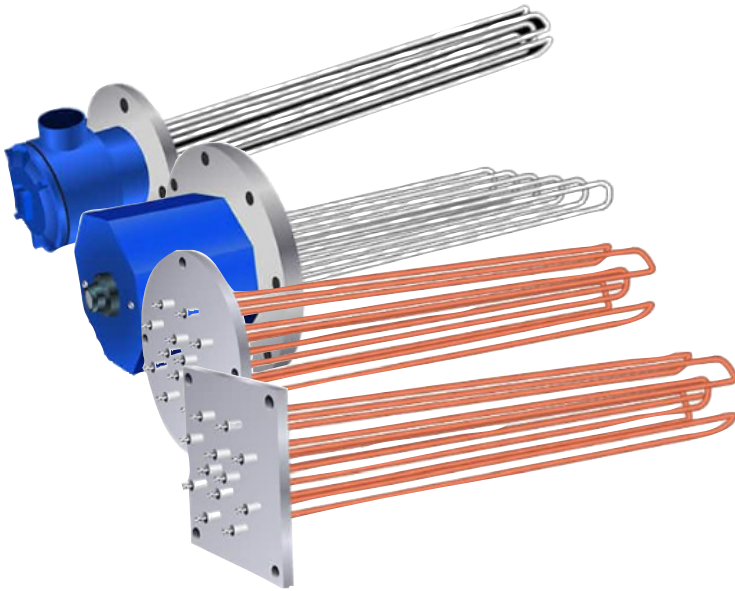




FLANGED IMMERSION HEATERS



FEATURES

- » 150 lb. ASA carbon steel flanges from 3" to 14" sizes .430" diameter copper, steel, 321 stainless steel, or Incoloy 800 elements
- » 45, 22,15,13 and 6.5 watts/square inch for various processes
- » General purpose, moisture or explosion resistant terminal enclosures
- » Thermowell for 3/8" diameter thermostat bulb
- » Bends are repressed after forming to recompact MgO and extend element life
- » Instruction Manual with wiring instructions included with each unit

INFORMATION

- MPI Morheat produces high-quality flanged immersion heaters, which are designed to be used in extreme environments.
- These heaters can be installed inside pipes, tanks, and pressure vessels, and they are capable of boiling a range of fluids such as water, oil, gas mixtures, natural gas, and more.
- They are suitable for use with both corrosive and non-corrosive liquids.
- The heating element of a MPI Morheat flanged immersion heater can be made of various materials including copper, Incoloy, steel, or stainless steel, depending on the specific needs of the application.
- The flanges that hold the heater in place are typically made of carbon steel rated at 150 lbs.
- MPI's flanged immersion heaters are available with watt densities ranging from 4w/in² to 80w/in², and they can be customized with a variety of optional features including thermostats, thermocouples, and different types of flanges and terminal boxes.
- If you have any questions or need help selecting the best material, wattage, or power density for your electric immersion heating element, you can contact MPI Morheat for assistance.

APPLICATIONS

Copper Sheath: Clean water, freeze protection, hot water storage, boiler and water heaters, cooling towers, heating of solutions not corrosive to copper

Stainless Steel Sheath: Process water, soap and detergent solutions, soluble cutting oils, demineralized or deionized water (passivation recommended)

Incoloy Sheath: Solution water, corrosive solutions, air, gas, steam super heating

Steel Sheath: Asphalt, wax, paraffin, tar, fluid heat transfer medium, petroleum, degreasing and sol-vent, oils, fuel oils, machine oils, alcohol.

FLANGE DIMENSIONS

150# Flange Size	FLANGE OD	FLANGE Thickness	# HOLES	HOLE DIA	COLD (standard)	# ELEMENTS (standard / max)
3"-150#	7.5"	0.94"	4	3/4"	4"	3(standard) 6(max)
4"-150#	9"	0.94"	8	3/4"	4"	6(standard) 6(max)
5"-150#	10"	0.94"	8	7/8"	4"	6(standard) 9(max)
6"-150#	11"	1"	8	7/8"	4"	12(standard) 15(max)
8"-150#	13.5"	1.125"	8	7/8"	6"	18(standard) 24(max)
10"-150#	16"	1.187"	12	1"	6"	27(standard) 36(max)
12"-150#	19"	1.25"	12	1"	6"	36(standard) 54(max)
14"-150#	21"	1.375"	12	1.125"	6"	45(standard) 72(max)

