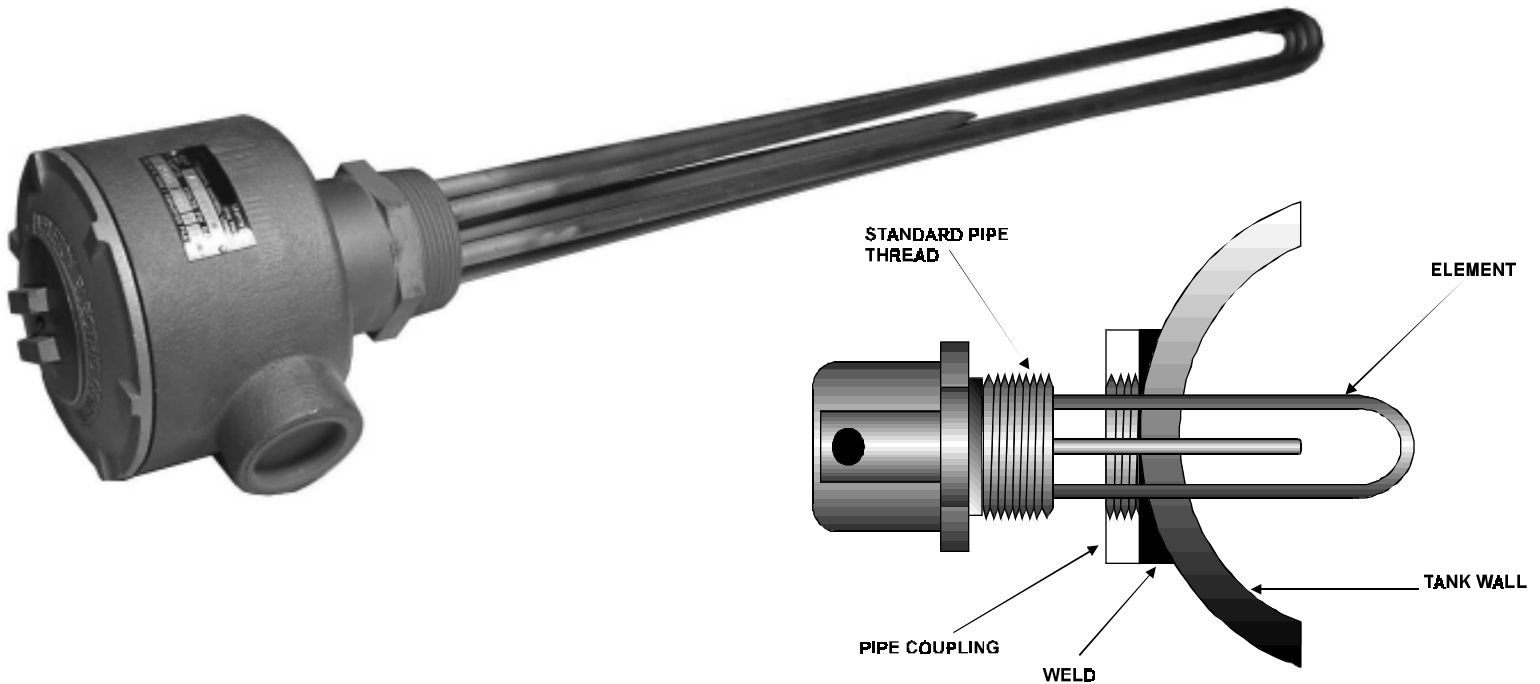


SCREWPLUG HEATERS



FEATURES

- 1", 1 1/4", 2" and 2 1/2" NPT pipe plug in brass, steel or stainless steel
- .312" diameter element(s) on 1" and 1 1/4"; .430" diameter elements on 2" and 2 1/2"
- Copper, steel, 321 stainless steel, or Incoloy 800 sheath material
- High, medium and low watt densities for various processes
- General purpose or explosion and moisture resistant terminal enclosures
- Bends are repressed after forming to recompact MgO and extend element life
- Single and double pole thermostats in several temperature ranges

APPLICATIONS

- Copper Sheath: Clean water, freeze protection, hot water storage, 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, steam super heating, air or gas
- Steel Sheath: Asphalt, wax, paraffin, tar, etc., heat transfer medium, petroleum, degreasing and solvent oils, machine oil, fuel oils, alcohol

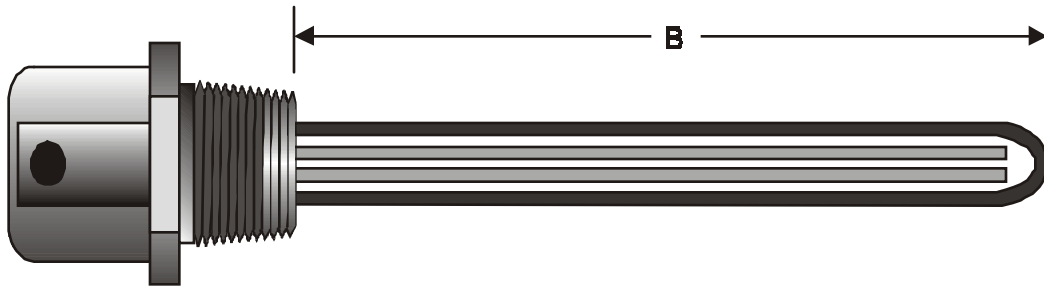
CONSTRUCTION

Tubular heaters are brazed or welded in a brass, steel or stainless steel pipe plug. Ratings from 350 watts to 18 kw and numerous variations and options are available. Pipe plug immersion heaters are generally used in small to medium size containers at pressures up to 3000 psi and are screwed directly through a threaded opening in the tank well. Be certain that the sheath material and watt density selected are compatible with the material being heated and the operating temperature.

OPTIONS

- Special ratings, immersion length, or thread size
- 316 stainless steel or other sheath material
- Other material for pipe plug
- Passivation
- Electropolishing
- High temperature cut-out
- Thermocouple attached to sheath for high-limit protection

STANDARD SCREWPLUG HEATERS



2 NPT SCREWPLUG

WATTS (kW)	"B" (in)	WATT DENSITY (WSI)	VOLTS	INCOLOY STEEL PLUG	COPPER BRASS PLUG
3	8	55	120,208,240,600	IM2SI-8-3-01	IM2SC-8-3-01
4.5	12	53	120,208,240,600	IM2SI-12-4.5-01	IM2SC-12-4.5-01
6	18	61	120,208,240,600	IM2SI-18-6-01	IM2SC-18-6-01
7.5	22	59	120,208,240,600	IM2SI-22-7.5-01	IM2SC-22-7.5-01
9	26	56	120,208,240,600	IM2SI-26-9-01	IM2SC-26-9-01
12	33	55	120,208,240,600	IM2SI-33-12-01	IM2SC-33-12-01
3	18	31	120,208,240,600	IM2SI-18-3-01	
6	33	27	120,208,240,600	IM2SI-33-6-01	
9	48	27	120,208,240,600	IM2SI-48-9-01	

2-1/2 NPT SCREWPLUG

WATTS (kW)	"B" (in)	WATT DENSITY (WSI)	VOLTS	INCOLOY STEEL PLUG	COPPER BRASS PLUG
3	8	55	120,208,240,600	IM3SI-8-3-01	IM3SC-8-3-01
4.5	12	53	120,208,240,600	IM3SI-12-4.5-01	IM3SC-12-4.5-01
6	18	61	120,208,240,600	IM3SI-18-6-01	IM3SC-18-6-01
7.5	22	59	120,208,240,600	IM3SI-22-7.5-01	IM3SC-22-7.5-01
9	26	56	120,208,240,600	IM3SI-26-9-01	IM3SC-26-9-01
12	33	55	120,208,240,600	IM3SI-33-12-01	IM3SC-33-12-01
15	40	55	120,208,240,600	IM3SI-40-15-01	IM3SC-40-15-01
18	48	56	120,208,240,600	IM3SI-48-18-01	IM3SC-48-18-01
3	18	31	120,208,240,600	IM3SI-18-3-01	
4.5	26	28	120,208,240,600	IM3SI-26-4.5-01	
6	33	28	120,208,240,600	IM3SI-33-6-01	
7.5	40	28	120,208,240,600	IM3SI-40-7.5-01	
9	48	27	120,208,240,600	IM3SI-48-9-01	