

## SCREW PLUG IMMERSION HEATERS

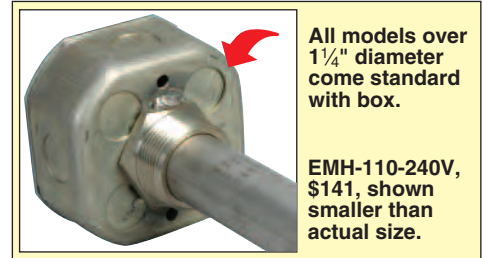
EMH Series Starts at **\$56**



EMH-061-120V, \$70, shown smaller than actual size.



- ✓ ½, ¾, and 1¼ NPT Screw Plugs
- ✓ 316 SS Sheath
- ✓ 400 to 1000 W
- ✓ 120 and 240V, 1-Phase
- ✓ Single Thread Pipe Construction



All models over 1¼" diameter come standard with box.

EMH-110-240V, \$141, shown smaller than actual size.

### SPECIFICATIONS

Power: 120 and 240V, 1-phase

Watt Density:

5/8" Diameter: 37 W/in<sup>2</sup>

¾" Diameter: 38 W/in<sup>2</sup>

1¼" Diameter: 24 W/in<sup>2</sup>

Termination:

5/8, ¾" Diameter: 12" fiberglass leads rated to 250°C (482°F), epoxy potting rated to 130°C (266°F)

1¼" Diameter: 8-32 screw and nut terminals

Sheath: 316 SS

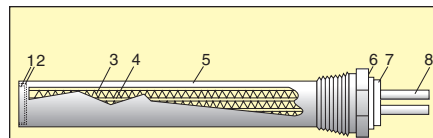
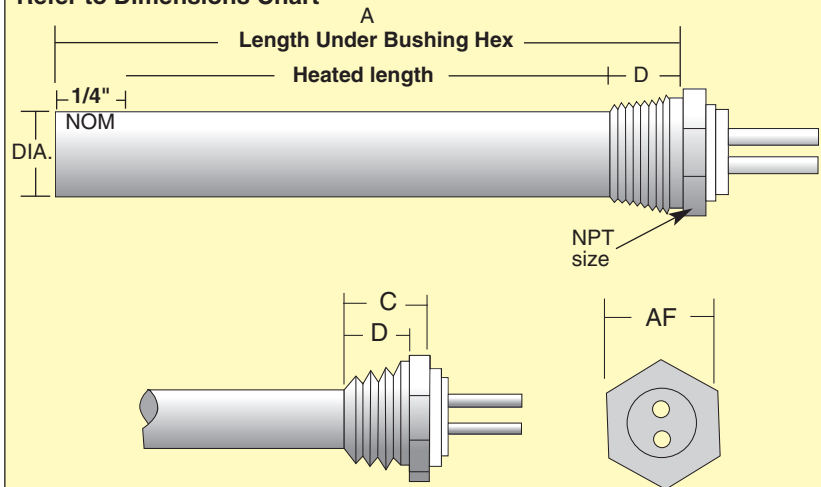
Screw Plug and Threads: 316 SS

### TOLERANCES

Wattage tolerances are held to 5 to 10% at rated voltage.

Length tolerances are ±2% with a ±1/16" minimum

Refer to Dimensions Chart



### CONSTRUCTION

1. Welded end
2. Mica
3. Magnesium oxide packing
4. Element wire situated close to outside surface for maximum heat transfer and minimum internal temperature while preserving good dielectric qualities
5. Series 316 SS sheath
6. Mounting bushing
7. Ceramic cap
8. Flexible, stranded, nickel-alloy insulated leads or rust-resistant post terminals

**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

Model No.	Price	Description	Watts*	Dimensions (in)			
				A	C	D	AF
EMH-060-120V	\$56	5/8" diameter, ½ NPT	400	6	¾	9/16	7/8
EMH-060-240V	56	5/8" diameter, ½ NPT	400	6	¾	9/16	7/8
EMH-061-120V	70	¾" diameter, ¾ NPT	500	6	7/8	5/8	1 1/8
EMH-061-240V	70	¾" diameter, ¾ NPT	500	6	7/8	5/8	1 1/8
EMH-110-120V	141	1¼" diameter, 1¼ NPT	1000	11	1 1/32	23/32	1 3/4
EMH-110-240V	141	1¼" diameter, 1¼ NPT	1000	11	1 1/32	23/32	1 3/4

\* Wattages are based on a unit operating immersed in water. Comes complete with operator's manual.

Ordering Examples: EMH-060-120V, 5/8" dia, ½ NPT, \$56.

EMH-110-120V, 1¼" dia, 1¼ NPT screw plug immersion heater, \$141.

Recommended Reference Book: Engineering Design Process, PE-1010, \$125, See Section Y For Additional Books





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