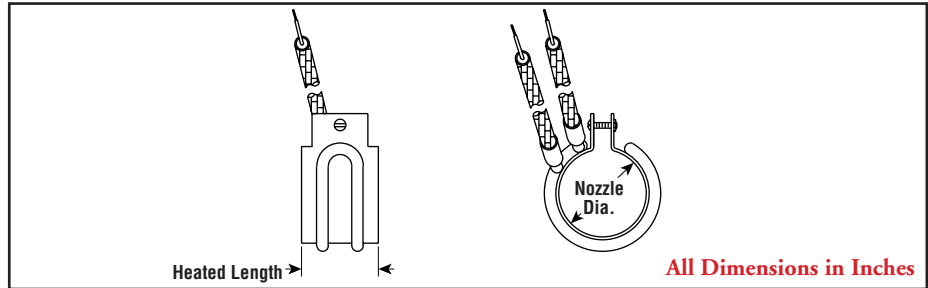


## HBZ One-Piece Nozzle Heater



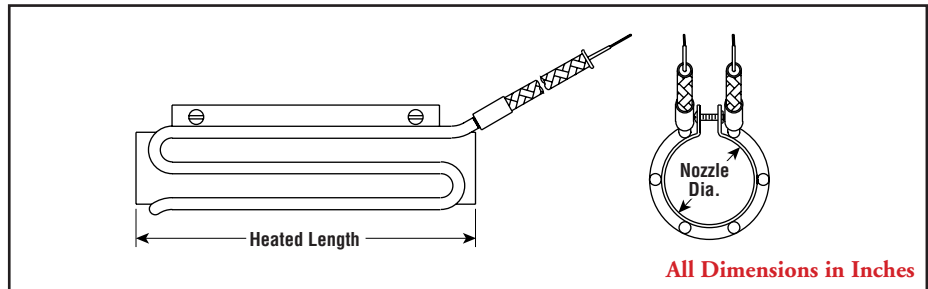
- 1-1/4 - 3-1/2" Nozzle Dia.
- 1 - 7-1/2" Widths
- 150 - 1,000 Watts
- 120 and 240 Volt
- 12 - 41 W/in<sup>2</sup>
- INCOLOY® Sheath
- Up to 1500°F Max. Sheath Temp.
- Up to 1000°F Max. Nozzle Temp.

### Dimensions (type I)



All Dimensions in Inches

### Dimensions (type II)



All Dimensions in Inches

### Features

**Fast Heatup and Uniform Heat Distribution** is provided by small diameter tubular element properly located and silver brazed to stainless steel band.

**Heater is Slipped** over nozzle and integral tabs are drawn tight by stainless steel bolts and nuts.

**Leads are Protected** by stainless steel braided cable to prevent contamination by overflow of plastic or other free flowing materials.

### Specifications and Ordering Information

Watts	Volts	W/in <sup>2</sup>	Dimensions (In.)		INCOLOY® Sheath			Wt. (Lbs.)
			Nozzle Dia.	Heated Lgth.	Model	Stock	PCN	
<b>Type I</b>								
275	120	32	1-1/2	1-1/2	HBZ-11152	S	258271	0.5
150	120	16	1-3/4	1-1/2	HBZ-11151	NS	273682	0.5
200	120	22	1-3/4	1-3/4	HBZ-11162	NS	273690	0.6
400	120	37	2	2	HBZ-12204	NS	272276	0.7
200	120	32	2-1/8	1-1/4	HBZ-2X56	S	283848	0.7
400	120	36	2-1/8	2-1/4	HBZ-12224	NS	272284	0.8
200	120	12	3-1/2	1-1/2	HBZ-3X29	NS	283186	1
350	240	41	1-1/2	1-1/2	HBZ-1X70	NS	285780	0.5
200	240	25	2-1/2	1	HBZ-12102	S	272268	0.5
<b>Type II</b>								
275	120	25	1-1/4	3	HBZ-21302	NS	273703	1
500	120	32	1-1/2	5	HBZ-2105	S	272241	1.2
600	120	41	2-1/8	3-3/4	HBZ-2X88	NS	284613	1.3
800	120	32	2-1/8	6	HBZ-2208	S	256946	1.5
800	120	24	3-1/4	7-1/2	HBZ-2308	NS	272250	2
1,000	120	36	3-1/2	6	HBZ-3X64	S	257535	1.7

**Stock Status:** S = stock AS = assembly stock NS = non-stock  
**To Order—** Specify model, PCN, watts, volts and quantity.