

# Immersion



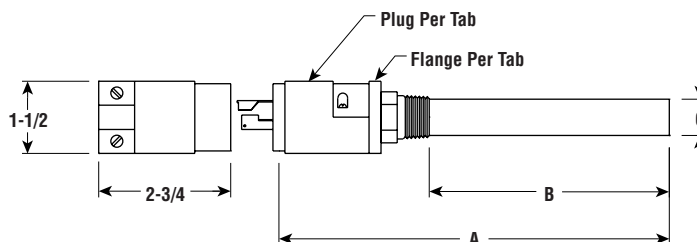
## RI, RIO & RIS

### Small Tank Applications



- 1/2 and 3/4" NPT Brass or Stainless Steel Screw Plug
- INCOLOY® or Stainless Steel Sheath Element
- 20 - 36 W/In<sup>2</sup>
- 100 - 1,000 Watts
- 120 and 240 Volt, Single Phase
- Integral Plug and Receptacle

#### Dimensions (Inches)



#### Specifications and Ordering Information

#### Applications

- Water Heating
- Mild Corrosive Solution Heating
- Light Weight Oil Heating (type RIO)
- De-ionized Water Heating (type RIS)

Watts	Volts	Phase	W/In <sup>2</sup>	Dimensions (In.)			Pipe Thd.	Model	Stock	PCN	Wt. (Lbs.)
				A	B	C					
<b>RI — INCOLOY® Sheath Element — Brass Screw Plug</b>											
100	120	1	31	4-7/8	1-1/2	5/8	1/2	<b>RI-100</b>	S	<b>138528</b>	3
250	120	1	33	6-7/8	3-1/2	5/8	1/2	<b>RI-250</b>	S	<b>138544</b>	4
250	240	1	33	6-7/8	3-1/2	5/8	1/2	RI-250	NS	138536	4
500	120	1	34	11-5/16	7-7/8	5/8	1/2	RI-500	NS	138675	10
500	240	1	34	11-5/16	7-7/8	5/8	1/2	<b>RI-500</b>	S	<b>138667</b>	10
750	120	1	33	15-3/8	12	5/8	1/2	<b>RI-750</b>	S	<b>138552</b>	14
750	240	1	33	15-3/8	12	5/8	1/2	<b>RI-750</b>	S	<b>138659</b>	14
300	120	1	30	8-7/16	4-11/16	3/4	3/4	<b>RI-1300</b>	S	<b>138579</b>	8
300	240	1	30	8-7/16	4-11/16	3/4	3/4	<b>RI-1300</b>	S	<b>138560</b>	8
500	120	1	36	10-1/8	6-5/16	3/4	3/4	<b>RI-1500</b>	S	<b>138595</b>	9
500	240	1	36	10-1/8	6-5/16	3/4	3/4	<b>RI-1500</b>	S	<b>138587</b>	9
750	120	1	32	14-3/8	10-9/16	3/4	3/4	<b>RI-1750</b>	S	<b>138616</b>	13
750	240	1	32	14-3/8	10-9/16	3/4	3/4	<b>RI-1750</b>	S	<b>138608</b>	13
1,000	120	1	32	17	13-9/16	3/4	3/4	<b>RI-1100</b>	S	<b>138640</b>	15
1,000	240	1	32	17	13-9/16	3/4	3/4	<b>RI-1100</b>	S	<b>138632</b>	15
<b>RIO — Stainless Steel Sheath Element — Brass Screw Plug</b>											
150	120	1	20	6-7/8	3-1/2	5/8	1/2	<b>RIO-150</b>	S	<b>138683</b>	4
300	120	1	20	10-15/16	7-7/8	5/8	1/2	<b>RIO-300</b>	S	<b>138691</b>	10
300	240	1	20	10-15/16	7-7/8	5/8	1/2	<b>RIO-300</b>	S	<b>138704</b>	10
500	120	1	22	15-7/16	12	5/8	1/2	RIO-500	NS	138712	14
500	240	1	22	15-7/16	12	5/8	1/2	<b>RIO-500</b>	S	<b>138720</b>	14
200	120	1	20	8-7/16	4-11/16	3/4	3/4	<b>RIO-1200</b>	S	<b>138739</b>	8
200	240	1	20	8-7/16	4-11/16	3/4	3/4	RIO-1200	NS	138747	8
300	120	1	22	10-1/8	6-5/16	3/4	3/4	<b>RIO-1300</b>	S	<b>138755</b>	9
300	240	1	22	10-1/8	6-5/16	3/4	3/4	RIO-1300	NS	138763	9
500	120	1	21	14-3/8	10-9/16	3/4	3/4	<b>RIO-1500</b>	S	<b>138771</b>	13
500	240	1	21	14-3/8	10-9/16	3/4	3/4	RIO-1500	NS	138780	13
600	120	1	20	17-3/8	13-9/16	3/4	3/4	<b>RIO-1600</b>	S	<b>138798</b>	15
600	240	1	20	17-3/8	13-9/16	3/4	3/4	RIO-1600	NS	138800	15
<b>RIS — Passivated Stainless Steel Sheath Element and Screw Plug</b>											
250	120	1	35	6-5/8	3-1/2	5/8	1/2	<b>RIS-255</b>	NS	253745	6
500	120	1	28	10-15/16	7-7/8	5/8	1/2	<b>RIS-505</b>	S	<b>253761</b>	10
750	120	1	31	15-1/8	12	5/8	1/2	<b>RIS-755</b>	S	<b>253788</b>	15

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

SCREW PLUG