



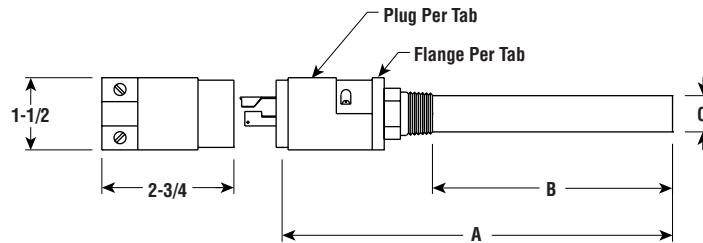
RI, RIO & RIS

Small Tank Applications



- 1/2 and 3/4" NPT Brass or Stainless Steel Screw Plug
- INCOLOY® or Stainless Steel Sheath Element
- 20 - 36 W/In²
- 100 - 1,000 Watts
- 120 and 240 Volt, Single Phase
- Integral Plug and Receptacle

Dimensions (Inches)



SCREW PLUG

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

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