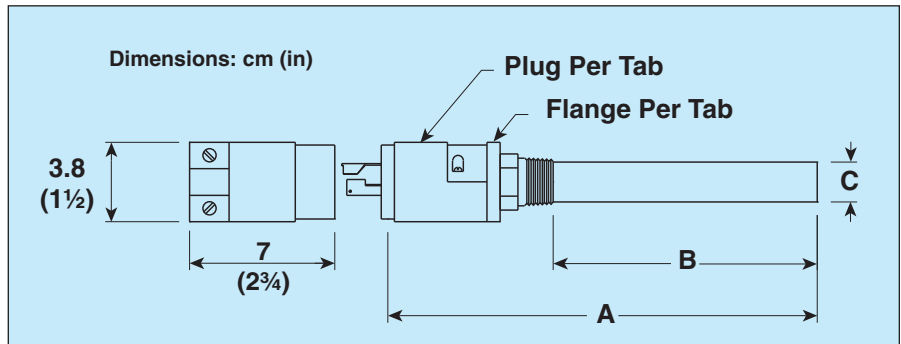


SCREW PLUG IMMERSION HEATERS FOR SMALL TANKS

RI, RIO, RIS Series



- ✓ Stocked for Fast Delivery
- ✓ 1/2 and 3/4 NPT
- ✓ Cartridge Type Element
- ✓ Premium Quality
- ✓ Rugged Construction



Type RI with Incoloy Sheath—Brass Pipe Thread

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)									
Watts	Phase	W/in ²	Dimensions: cm (in)			Std. Pipe Thd.	Model No.	Wt. kg (lb)	
			A	B	C				
100	1	31	12 (4 7/8)	4 (1 1/2)	1.6 (5/8)	1/2	RI-100/120V	1 (3)	
250	1	33	17 (6 7/8)	9 (3 1/2)	1.6 (5/8)	1/2	RI-250/(*)	2 (4)	
500	1	34	30 (11 5/8)	16 (7 7/8)	1.6 (5/8)	1/2	RI-500/(*)	5 (10)	
750	1	33	40 (15 3/8)	30 (12)	1.6 (5/8)	1/2	RI-750/(*)	6 (14)	
300	1	30	21 (8 1/8)	12 (4 1/16)	1.6 (5/8)	3/4	RI-1300/(*)	4 (8)	
500	1	36	26 (10 1/4)	16 (6 3/16)	1.9 (3/4)	3/4	RI-1500/(*)	4 (9)	
750	1	32	37 (14 3/8)	27 (10 5/16)	1.9 (3/4)	3/4	RI-1750/(*)	6 (13)	
1000	1	32	37 (14 3/8)	34 (13 3/8)	1.9 (3/4)	3/4	RI-1100/(*)	7 (15)	

These screw plug immersion heaters feature a dead front nylon twist-lock grounded plug with receptacle. Cord is supplied by the user. The cartridge element is brazed to a standard 1/2" or 3/4" screw plug.

SPECIFICATIONS

Power: 100 to 1000 watts

Voltage: 120 or 240 Vac, 1 phase

Watt Density: 20 to 36 W/in²

Sheath: Type RI has a 1.6 cm (5/8") or 1.9 cm (3/4") Incoloy sheath; Type RIO has a 1.6 cm (5/8") or 1.9 cm (3/4") diameter stainless steel sheath; Type RIS has a 1.6 cm (5/8") diameter passivated stainless steel sheath

Screw Plug:

Type RI has 1/2" or 3/4" NPT brass screw plug; Type RIO has 1/2" or 3/4" NPT steel screw plug; Type RIS has 1/2" NPT passivated stainless steel screw plug

Type RIO with SS Sheath—Steel Pipe Thread

Watts	Phase	W/in ²	Dimensions: cm (in)			Std. Pipe Thd.	Model No.	Wt. kg (lb)
			A	B	C			
150	1	20	17 (6 7/8)	9 (3 1/2)	1.6 (5/8)	1/2	RIO-150/120V	2 (4)
300	1	20	28 (10 9/16)	16 (7 7/8)	1.6 (5/8)	1/2	RIO-300/(*)	5 (10)
500	1	22	39 (15 1/16)	30 (12)	1.6 (5/8)	1/2	RIO-500/(*)	6 (14)
200	1	20	21 (8 1/8)	12 (4 1/16)	1.9 (3/4)	3/4	RIO-1200/(*)	4 (8)
300	1	22	26 (10 1/4)	16 (6 3/16)	1.9 (3/4)	3/4	RIO-1300/(*)	4 (9)
500	1	21	37 (14 3/8)	27 (10 5/16)	1.9 (3/4)	3/4	RIO-1500/(*)	6 (13)
600	1	20	44 (17 3/8)	34 (13 3/8)	1.9 (3/4)	3/4	RIO-1600/(*)	7 (15)

Type RIS with Passivated SS Sheath and Screw Plug

Watts	Phase	W/in ²	Dimensions - cm (in.)			Std. Pipe Thd.	Model No.	Wt. kg (lb)
			A	B	C			
250	1	35	17 (6 5/8)	9 (3 1/2)	1.6 (5/8)	1/2	RIS-255/120V	3 (6)
500	1	28	28 (10 9/16)	20 (7 7/8)	1.6 (5/8)	1/2	RIS-505/120V	5 (10)
750	1	31	38 (15 1/8)	30 (12)	1.6 (5/8)	1/2	RIS-755/120V	7 (15)

(*) To specify voltage, insert "/120V" for 120 Vac or "/240V" for 240 Vac.

Ordering Examples: RIO-500/240, 500 W heater, 1.6 cm (5/8") dia. stainless steel sheath and 1/2" NPT steel screw plug powered by 240 Vac.

RIS-255/120V, 250 W heater, 1.6 cm (5/8") dia. passivated stainless steel sheath and 1/2" NPT steel screw plug powered by 120 Vac.

CAUTION AND WARNING!

Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel.



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