

Immersion Heaters

WATROD and FIREBAR Screw Plug Immersion Heaters

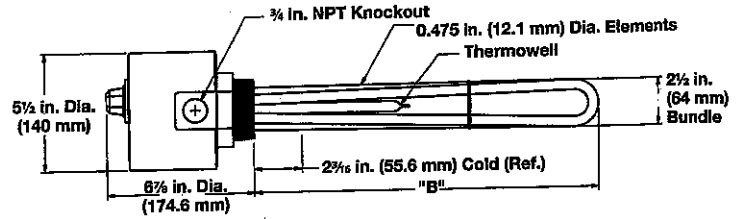


Application: Deionized/ Demineralized Water

- 2 1/2 inch NPT screw plug
- WATROD elements
- With thermostat (DPST)

Note: Higher amperage products require a pilot duty thermostat with separate power controller. Please see following pages for available heaters without thermostats.

- General purpose enclosure



30-110°F

60-250°F

100-550°F

Description	Volts	kW	Ph	"B" Dim. in. (mm)	Ship Wt. lbs (kg)	Type 4 (30 to 110°F)		Type 5A (60 to 250°F)		Type 7A (100 to 550°F)	
						Part Number	Del.	Part Number	Del.	Part Number	Del.
General Purpose Enclosure											
60 W/in² 316 SS Plug 3-316 SS Elements (9.3 W/cm²) (Passivated)	240	3.0	3	7 ⁵ / ₈ (193.7)	7 (4)	BLR77L3S4	RS	BLR77L3S5A	RS	BLR77L3S7A	RS
	480	3.0	3	7 ⁵ / ₈ (193.7)	7 (4)	BLR77L5S4	RS	BLR77L5S5A	RS	BLR77L5S7A	RS
	240	4.5	3	10 ⁵ / ₈ (269.9)	8 (4)	BLR710L3S4	RS	BLR710L3S5A	RS	BLR710L3S7A	RS
	480	4.5	3	10 ⁵ / ₈ (269.9)	8 (4)	BLR710L5S4	RS	BLR710L5S5A	RS	BLR710L5S7A	RS
	240	6.0	3	14 ⁵ / ₈ (371.5)	10 (5)	BLR714L3S4	RS	BLR714L3S5A	RS	BLR714L3S7A	RS
	480	6.0	3	14 ⁵ / ₈ (371.5)	10 (5)	BLR714L5S4	RS	BLR714L5S5A	RS	BLR714L5S7A	RS
	240	7.5	3	17 ⁵ / ₈ (447.7)	10 (5)	BLR717L3S4	RS	BLR717L3S5A	RS	BLR717L3S7A	RS
240	9.0	3	20 ⁵ / ₈ (523.9)	12 (6)	BLR720L3S4	RS	BLR720L3S5A	RS	BLR720L3S7A	RS	

Note: All screw plug bundles are designed to fit the inside diameter of the equivalent mating coupling. They will not fit into the equivalent pipe inside diameter.

Immersion Heaters

WATROD and FIREBAR Screw Plug Immersion Heaters

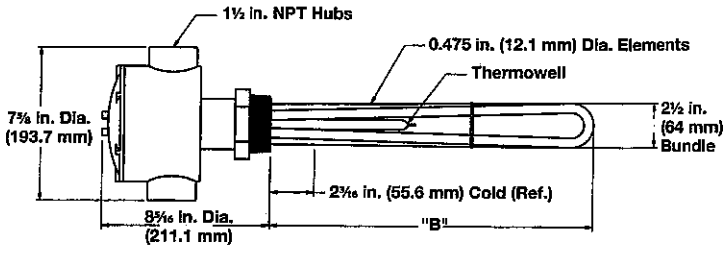


Application: Deionized/
Demineralized Water

- 2 1/2 inch NPT screw plug
- WATROD elements
- With thermostat (DPST)

Note: Higher amperage products require a pilot duty thermostat with separate power controller. Please see following pages for available heaters without thermostats.

- Moisture/explosion-resistant enclosure



30-110F

60-250F

100-550F

Description	Volts	kW	Ph	"B" Dim.		Ship Wt.		Type 4 (30 to 110 F)		Type 5A (60 to 250 F)		Type 7A (100 to 550 F)	
				in.	(mm)	lbs.	(kg)	Part Number	Del.	Part Number	Del.	Part Number	Del.
Moisture/Explosion-Resistant Enclosure													
60 W/in² 316 SS Plug 3-316 SS Elements (9.3 W/cm²) (Passivated)	240	3.0	3	7 ⁵ / ₈	(193.7)	10	(5)	BLR77L3C4	RS	BLR77L3C5A	RS	BLR77L3C7A	RS
	480	3.0	3	7 ⁵ / ₈	(193.7)	10	(5)	BLR77L5C4	RS	BLR77L5C5A	RS	BLR77L5C7A	RS
	240	4.5	3	10 ⁵ / ₈	(269.9)	11	(5)	BLR710L3C4	RS	BLR710L3C5A	RS	BLR710L3C7A	RS
	480	4.5	3	10 ⁵ / ₈	(269.9)	11	(5)	BLR710L5C4	RS	BLR710L5C5A	RS	BLR710L5C7A	RS
	240	6.0	3	14 ⁵ / ₈	(371.5)	13	(6)	BLR714L3C4	RS	BLR714L3C5A	RS	BLR714L3C7A	RS
	480	6.0	3	14 ⁵ / ₈	(371.5)	13	(6)	BLR714L5C4	RS	BLR714L5C5A	RS	BLR714L5C7A	RS
	240	7.5	3	17 ⁵ / ₈	(447.7)	13	(6)	BLR717L3C4	RS	BLR717L3C5A	RS	BLR717L3C7A	RS
	240	9.0	3	20 ⁵ / ₈	(523.9)	15	(7)	BLR720L3C4	RS	BLR720L3C5A	RS	BLR720L3C7A	RS

Note: All screw plug bundles are designed to fit the inside diameter of the equivalent mating coupling. They will not fit into the equivalent pipe inside diameter.

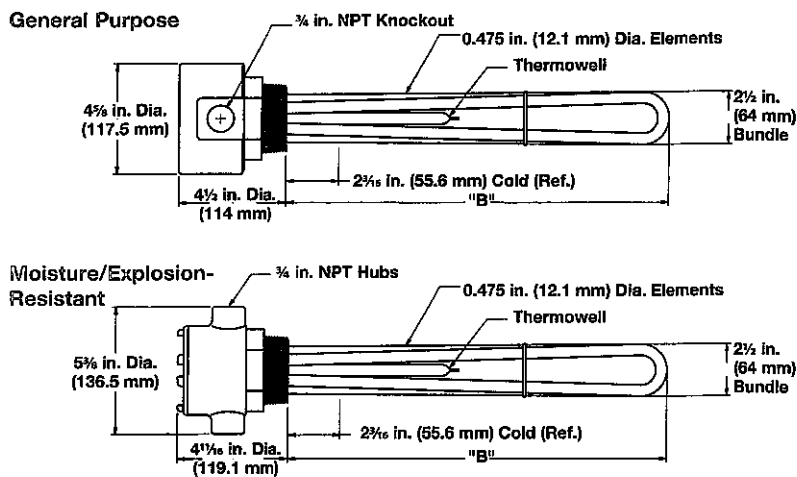
Immersion Heaters

WATROD and FIREBAR Screw Plug Immersion Heaters



Application: Deionized/ Demineralized Water

- 2 1/2 inch NPT screw plug
- WATROD elements
- Without thermostat
- General purpose or moisture/explosion-resistant enclosure



Description	Volts	kW	Ph.	"B" Dim. in. (mm)	General Purpose Enclosure			Moisture/Explosion-Resistant Enclosure		
					Part Number	Del.	Ship. Wt. lbs. (kg)	Part Number ⑦	Del.	Ship. Wt. lbs. (kg)
60 W/in ² 316 SS Plug 3-316 SS Elements (9.3 W/cm ²) (Passivated)	120	3.0	1	7 ⁵ / ₈ (193.7)	BLR77L1S	RS	6 (3)	BLR77L1C	RS	9 (4)
	240	3.0	3	7 ⁵ / ₈ (193.7)	BLR77L3S	RS	6 (3)	BLR77L3C	RS	9 (4)
	480	3.0	3	7 ⁵ / ₈ (193.7)	BLR77L5S	RS	6 (3)	BLR77L5C	RS	9 (4)
	120	4.5	1	10 ⁵ / ₈ (269.9)	BLR710L1S	RS	7 (4)	BLR710L1C	RS	10 (5)
	240	4.5	3	10 ⁵ / ₈ (269.9)	BLR710L3S	RS	7 (4)	BLR710L3C	RS	10 (5)
	480	4.5	3	10 ⁵ / ₈ (269.9)	BLR710L5S	RS	7 (4)	BLR710L5C	RS	10 (5)
	240	6.0	3	14 ⁵ / ₈ (371.5)	BLR714L3S	RS	9 (4)	BLR714L3C	RS	12 (6)
	480	6.0	3	14 ⁵ / ₈ (371.5)	BLR714L5S	RS	9 (4)	BLR714L5C	RS	12 (6)
	240	7.5	3	17 ⁵ / ₈ (447.7)	BLR717L3S	RS	9 (4)	BLR717L3C	RS	12 (6)
	480	7.5	3	17 ⁵ / ₈ (447.7)	BLR717L5S	RS	9 (4)	BLR717L5C	RS	12 (6)
	240	9.0	3	20 ⁵ / ₈ (523.9)	BLR720L3S	RS	11 (5)	BLR720L3C	RS	14 (7)
	480	9.0	3	20 ⁵ / ₈ (523.9)	BLR720L5S	RS	11 (5)	BLR720L5C	RS	14 (7)
	240	12.0	3	26 ¹ / ₈ (663.6)	BLR726C3S	RS	12 (6)	BLR726C3C	RS	15 (7)
	480	12.0	3	26 ¹ / ₈ (663.6)	BLR726C5S	RS	12 (6)	BLR726C5C	RS	15 (7)
	240	15.0	3	31 ⁵ / ₈ (803.3)	BLR731L3S	RS	14 (7)	BLR731L3C	RS	17 (8)
	480	15.0	3	31 ⁵ / ₈ (803.3)	BLR731L5S	RS	14 (7)	BLR731L5C	RS	17 (8)
240	18.0	3	37 ¹ / ₈ (943.0)	BLR737C3S	RS	15 (7)	BLR737C3C	RS	18 (9)	
480	18.0	3	37 ¹ / ₈ (943.0)	BLR737C5S	RS	15 (7)	BLR737C5C	RS	18 (9)	

Note: All screw plug bundles are designed to fit the inside diameter of the equivalent mating coupling. They will not fit into the equivalent pipe inside diameter.

⑦ CSA certified only