

Immersion Heaters

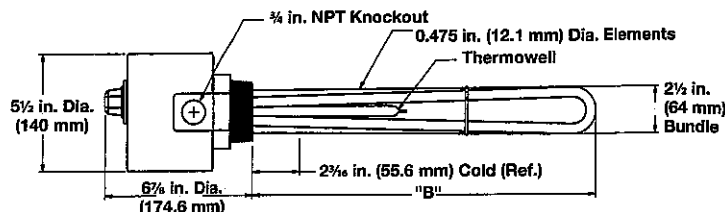
WATROD and FIREBAR Screw Plug Immersion Heaters



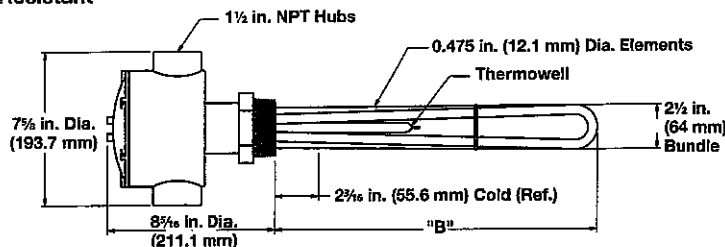
Application: Process Water

- 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 or moisture/explosion-resistant enclosure

General Purpose



Moisture/Explosion-Resistant



30-110F 60-250F 100-550F

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											
48 W/in ² 304 SS Plug 3-Alloy 800 Elements (7.5 W/cm ²)	240	3.0	3	9 ³ / ₈ (238.1)	7 (4)	BLN79G3S4	RS	BLN79G3S5A	RS	BLN79G3S7A	RS
	480	3.0	3	9 ³ / ₈ (238.1)	7 (4)	BLN79G5S4	RS	BLN79G5S5A	RS	BLN79G5S7A	RS
	240	4.5	3	12 ⁷ / ₈ (327.0)	8 (4)	BLN712R3S4	RS	BLN712R3S5A	RS	BLN712R3S7A	RS
	480	4.5	3	12 ⁷ / ₈ (327.0)	8 (4)	BLN712R5S4	RS	BLN712R5S5A	RS	BLN712R5S7A	RS
	240	6.0	3	17 ³ / ₈ (441.3)	10 (5)	BLN717G3S4	RS	BLN717G3S5A	RS	BLN717G3S7A	RS
	480	6.0	3	17 ³ / ₈ (441.3)	10 (5)	BLN717G5S4	RS	BLN717G5S5A	RS	BLN717G5S7A	RS
	240	7.5	3	19 ⁷ / ₈ (504.8)	12 (6)	BLN719R3S4	RS	BLN719R3S5A	RS	BLN719R3S7A	RS
	240	9.0	3	24 ⁷ / ₈ (631.8)	13 (6)	BLN724R3S4	RS	BLN724R3S5A	RS	BLN724R3S7A	RS
Moisture/Explosion-Resistant Enclosure ⑦											
48 W/in ² 304 SS Plug 3-Alloy 800 Elements (7.5 W/cm ²)	240	3.0	3	9 ³ / ₈ (238.1)	10 (5)	BLN79G3C4	RS	BLN79G3C5A	RS	BLN79G3C7A	RS
	480	3.0	3	9 ³ / ₈ (238.1)	10 (5)	BLN79G5C4	RS	BLN79G5C5A	RS	BLN79G5C7A	RS
	240	4.5	3	12 ⁷ / ₈ (327.0)	11 (5)	BLN712R3C4	RS	BLN712R3C5A	RS	BLN712R3C7A	RS
	480	4.5	3	12 ⁷ / ₈ (327.0)	11 (5)	BLN712R5C4	RS	BLN712R5C5A	RS	BLN712R5C7A	RS
	240	6.0	3	17 ³ / ₈ (441.3)	13 (6)	BLN717G3C4	RS	BLN717G3C5A	RS	BLN717G3C7A	RS
	480	6.0	3	17 ³ / ₈ (441.3)	13 (6)	BLN717G5C4	RS	BLN717G5C5A	RS	BLN717G5C7A	RS
	240	7.5	3	19 ⁷ / ₈ (504.8)	15 (7)	BLN719R3C4	RS	BLN719R3C5A	RS	BLN719R3C7A	RS
	240	9.0	3	24 ⁷ / ₈ (631.8)	16 (8)	BLN724R3C4	RS	BLN724R3C5A	RS	BLN724R3C7A	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.

⑦ CSA certified only

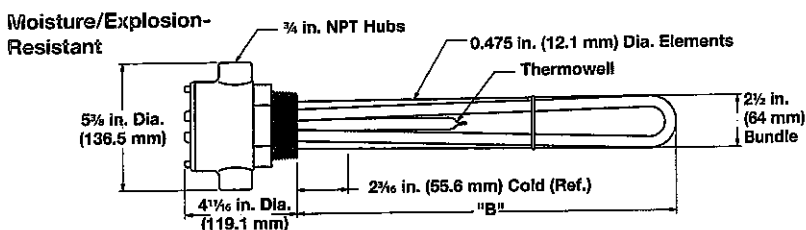
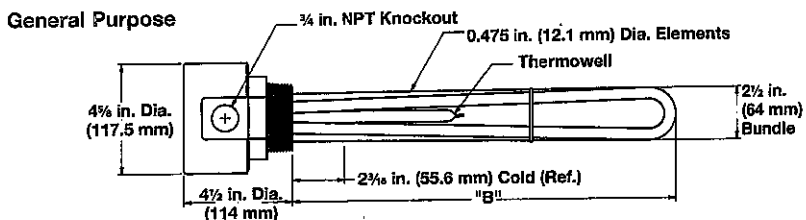
Immersion Heaters

WATROD and FIREBAR Screw Plug Immersion Heaters



Application: Process 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	Del.	Ship Wt. lbs. (kg)
48 W/in² 304 SS Plug 3-Alloy 800 Elements (7.5 W/cm²)	120	3.0	1	9 ³ / ₈ (238.1)	BLN79G1S	RS	6 (3)	BLN79G1C	RS	9 (4)
	240	3.0	3	9 ³ / ₈ (238.1)	BLN79G3S	RS	6 (3)	BLN79G3C	RS	9 (4)
	480	3.0	3	9 ³ / ₈ (238.1)	BLN79G5S	RS	6 (3)	BLN79G5C	RS	9 (4)
	120	4.5	1	12 ⁷ / ₈ (327.0)	BLN712R1S	RS	7 (4)	BLN712R1C	RS	10 (5)
	240	4.5	3	12 ⁷ / ₈ (327.0)	BLN712R3S	RS	7 (4)	BLN712R3C	RS	10 (5)
	480	4.5	3	12 ⁷ / ₈ (327.0)	BLN712R5S	RS	7 (4)	BLN712R5C	RS	10 (5)
	240	6.0	3	17 ³ / ₈ (441.3)	BLN717G3S	RS	9 (4)	BLN717G3C	RS	12 (6)
	480	6.0	3	17 ³ / ₈ (441.3)	BLN717G5S	RS	9 (4)	BLN717G5C	RS	12 (6)
	240	7.5	3	19 ⁷ / ₈ (504.8)	BLN719R3S	RS	11 (5)	BLN719R3C	RS	14 (7)
	480	7.5	3	19 ⁷ / ₈ (504.8)	BLN719R5S	RS	11 (5)	BLN719R5C	RS	14 (7)
	240	9.0	3	24 ⁷ / ₈ (631.8)	BLN724R3S	RS	12 (6)	BLN724R3C	RS	15 (7)
	480	9.0	3	24 ⁷ / ₈ (631.8)	BLN724R5S	RS	12 (6)	BLN724R5C	RS	15 (7)
	240	12.0	3	32 ³ / ₈ (822.3)	BLN732G3S	RS	14 (7)	BLN732G3C	RS	17 (8)
	480	12.0	3	32 ³ / ₈ (822.3)	BLN732G5S	RS	14 (7)	BLN732G5C	RS	17 (8)
	240	15.0	3	39 ⁷ / ₈ (1012.8)	BLN739R3S	RS	15 (7)	BLN739R3C	RS	18 (9)
	480	15.0	3	39 ⁷ / ₈ (1012.8)	BLN739R5S	RS	15 (7)	BLN739R5C	RS	18 (9)
	240	18.0	3	47 ³ / ₈ (1203.3)	BLN747G3S	RS	17 (8)	BLN747G3C	RS	20 (9)
	480	18.0	3	47 ³ / ₈ (1203.3)	BLN747G5S	RS	17 (8)	BLN747G5C	RS	20 (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.

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