

Immersion Heaters

WATROD and FIREBAR Screw Plug Immersion Heaters

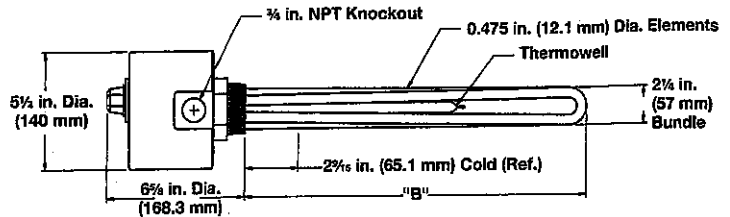


Application: Clean Water

- 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



30-110F

60-250F

100-550F

Description	Volts	kW	Ph	B Dim (in.)	B Dim (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 304 SS Plug 2-Alloy 800 Elements (9.3 W/cm²)	120/240	2.0	1	8 1/8	(206.4)	5 (3)	BGN78C6S4	RS	BGN78C6S5A	RS	BGN78C6S7A	RS
	240/480	2.0	1	8 1/8	(206.4)	5 (3)	BGN78C7S4	RS	BGN78C7S5A	RS	BGN78C7S7A	RS
	120/240	3.0	1	11 1/8	(282.6)	6 (3)	BGN711C6S4	RS	BGN711C6S5A	RS	BGN711C6S7A	RS
	240/480	3.0	1	11 1/8	(282.6)	6 (3)	BGN711C7S4	RS	BGN711C7S5A	RS	BGN711C7S7A	RS
	120/240	4.0	1	15 1/8	(384.2)	7 (4)	BGN715C6S4	RS	BGN715C6S5A	RS	BGN715C6S7A	RS
	120/240	5.0	1	18 1/8	(460.4)	7 (4)	BGN718C6S4	RS	BGN718C6S5A	RS	BGN718C6S7A	RS
60 W/in² 304 SS Plug 3-Alloy 800 Elements (9.3 W/cm²)	240	3.0	3	8 1/8	(206.4)	6 (3)	BHN78C3S4	RS	BHN78C3S5A	RS	BHN78C3S7A	RS
	480	3.0	3	8 1/8	(206.4)	6 (3)	BHN68C13S4	RS	BHN68C13S5A	RS	BHN68C13S7A	RS
	240	4.5	3	11 1/8	(282.6)	7 (4)	BHN711C3S4	RS	BHN711C3S5A	RS	BHN711C3S7A	RS
	480	4.5	3	11 1/8	(282.6)	7 (4)	BHN611C13S4	RS	BHN611C13S5A	RS	BHN611C13S7A	RS
	240	6.0	3	15 1/8	(384.2)	8 (4)	BHN715C3S4	RS	BHN715C3S5A	RS	BHN715C3S7A	RS
	480	6.0	3	15 1/8	(384.2)	8 (4)	BHN715C5S4	RS	BHN715C5S5A	RS	BHN715C5S7A	RS
	240	7.5	3	18 1/8	(460.4)	8 (4)	BHN718C3S4	RS	BHN718C3S5A	RS	BHN718C3S7A	RS
	240	9.0	3	21 1/8	(536.6)	9 (4)	BHN721C3S4	RS	BHN721C3S5A	RS	BHN721C3S7A	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.

④ Wired for higher voltage

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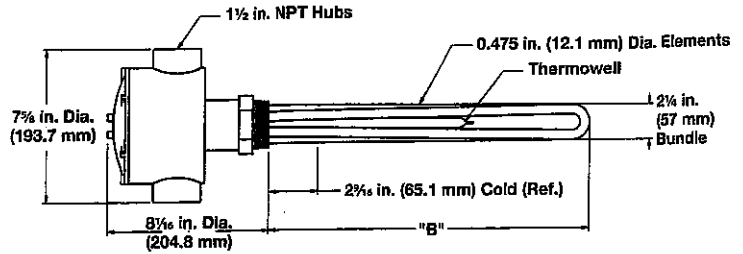


Application: Clean Water

- 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 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.
Moisture/Explosion-Resistant Enclosure											
60 W/in² 304 SS Plug 2-Alloy 800 Elements (9.3 W/cm²)	120/240	2.0	1	8 1/8 (206.4)	8 (4)	BGN78C6C4	RS	BGN78C6C5A	RS	BGN78C6C7A	RS
	240/480	2.0	1	8 1/8 (206.4)	8 (4)	BGN78C7C4	RS	BGN78C7C5A	RS	BGN78C7C7A	RS
	120/240	3.0	1	11 1/8 (282.6)	9 (4)	BGN711C6C4	RS	BGN711C6C5A	RS	BGN711C6C7A	RS
	240/480	3.0	1	11 1/8 (282.6)	9 (4)	BGN711C7C4	RS	BGN711C7C5A	RS	BGN711C7C7A	RS
	120/240	4.0	1	15 1/8 (384.2)	10 (5)	BGN715C6C4	RS	BGN715C6C5A	RS	BGN715C6C7A	RS
	120/240	5.0	1	18 1/8 (460.4)	10 (5)	BGN718C6C4	RS	BGN718C6C5A	RS	BGN718C6C7A	RS
60 W/in² 304 SS Plug 3-Alloy 800 Elements (9.3 W/cm²)	240	3.0	3	8 1/8 (206.4)	9 (4)	BHN78C3C4	RS	BHN78C3C5A	RS	BHN78C3C7A	RS
	480	3.0	3	8 1/8 (206.4)	9 (4)	BHN68C13C4	RS	BHN68C13C5A	RS	BHN68C13C7A	RS
	240	4.5	3	11 1/8 (282.6)	10 (5)	BHN711C3C4	RS	BHN711C3C5A	RS	BHN711C3C7A	RS
	480	4.5	3	11 1/8 (282.6)	10 (5)	BHN611C13C4	RS	BHN611C13C5A	RS	BHN611C13C7A	RS
	240	6.0	3	15 1/8 (384.2)	11 (5)	BHN715C3C4	RS	BHN715C3C5A	RS	BHN715C3C7A	RS
	480	6.0	3	15 1/8 (384.2)	11 (5)	BHN715C5C4	RS	BHN715C5C5A	RS	BHN715C5C7A	RS
	240	7.5	3	18 1/8 (460.4)	11 (5)	BHN718C3C4	RS	BHN718C3C5A	RS	BHN718C3C7A	RS
	240	9.0	3	21 1/8 (536.6)	12 (6)	BHN721C3C4	RS	BHN721C3C5A	RS	BHN721C3C7A	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.

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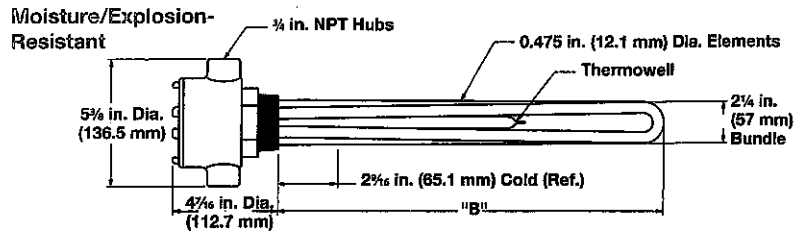
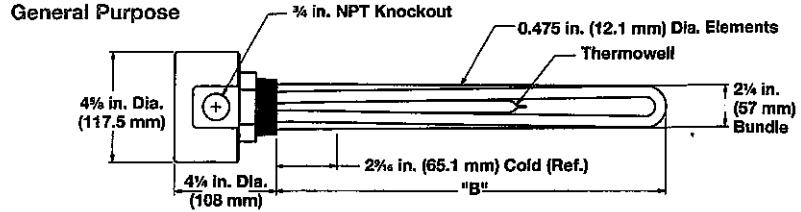
Immersion Heaters

WATROD and FIREBAR Screw Plug Immersion Heaters



Application: Clean Water

- 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)
60 W/in ² Ⓞ 304 SS Plug 2-Alloy 800 Elements (9.3 W/cm ²)	120/240	2.0	1	8 1/8 (206.4)	BGN78C6S	RS	4 (2)	BGN78C6C	RS	7 (4)
	240/480	2.0	1	8 1/8 (206.4)	BGN78C7S	RS	4 (2)	BGN78C7C	RS	7 (4)
	120/240	3.0	1	11 1/8 (282.6)	BGN711C6S	RS	5 (3)	BGN711C6C	RS	8 (4)
	240/480	3.0	1	11 1/8 (282.6)	BGN711C7S	RS	5 (3)	BGN711C7C	RS	8 (4)
	120/240	4.0	1	15 1/8 (384.2)	BGN715C6S	RS	6 (3)	BGN715C6C	RS	9 (4)
	240/480	4.0	1	15 1/8 (384.2)	BGN715C7S	RS	6 (3)	BGN715C7C	RS	9 (4)
	120/240	5.0	1	18 1/8 (460.4)	BGN718C6S	RS	6 (3)	BGN718C6C	RS	9 (4)
	240/480	5.0	1	18 1/8 (460.4)	BGN718C7S	RS	6 (3)	BGN718C7C	RS	9 (4)
	240/480	6.0	1	21 1/8 (536.6)	BGN721C7S	RS	7 (4)	BGN721C7C	RS	10 (5)
	240/480	8.0	1	26 5/8 (676.3)	BGN726L7S	RS	7 (4)	BGN726L7C	RS	10 (5)
240/480	10.0	1	32 1/8 (816.0)	BGN732C7S	RS	8 (4)	BGN732C7C	RS	11 (5)	
60 W/in ² 304 SS Plug 3-Alloy 800 Elements (9.3 W/cm ²)	120	3.0	1	8 1/8 (206.4)	BHN78C1S	RS	5 (3)	BHN78C1C	RS	8 (4)
	240	3.0	3	8 1/8 (206.4)	BHN78C3S	RS	5 (3)	BHN78C3C	RS	8 (4)
	480	3.0	3	8 1/8 (206.4)	BHN68C13S	RS	5 (3)	BHN68C13C	RS	8 (4)
	120	4.5	1	11 1/8 (282.6)	BHN711C1S	RS	6 (3)	BHN711C1C	RS	9 (4)
	240	4.5	3	11 1/8 (282.6)	BHN711C3S	RS	6 (3)	BHN711C3C	RS	9 (4)
	480	4.5	3	11 1/8 (282.6)	BHN611C13S	RS	6 (3)	BHN611C13C	RS	9 (4)
	240	6.0	3	15 1/8 (384.2)	BHN715C3S	RS	7 (4)	BHN715C3C	RS	10 (5)
	480	6.0	3	15 1/8 (384.2)	BHN715C5S	RS	7 (4)	BHN715C5C	RS	10 (5)
	240	7.5	3	18 1/8 (460.4)	BHN718C3S	RS	7 (4)	BHN718C3C	RS	10 (5)
	480	7.5	3	18 1/8 (460.4)	BHN718C5S	RS	7 (4)	BHN718C5C	RS	10 (5)
	240	9.0	3	21 1/8 (536.6)	BHN721C3S	RS	8 (4)	BHN721C3C	RS	11 (5)
	480	9.0	3	21 1/8 (536.6)	BHN721C5S	RS	8 (4)	BHN721C5C	RS	11 (5)
	240	12.0	3	26 5/8 (676.3)	BHN726L3S	RS	8 (4)	BHN726L3C	RS	11 (5)
	480	12.0	3	26 5/8 (676.3)	BHN726L5S	RS	8 (4)	BHN726L5C	RS	11 (5)
240	15.0	3	32 1/8 (816.0)	BHN732C3S	RS	9 (4)	BHN732C3C	RS	12 (6)	
480	15.0	3	32 1/8 (816.0)	BHN732C5S	RS	9 (4)	BHN732C5C	RS	12 (6)	

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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Ⓡ CSA certified only