

Immersion Heaters

WATROD and FIREBAR Screw Plug Immersion Heaters

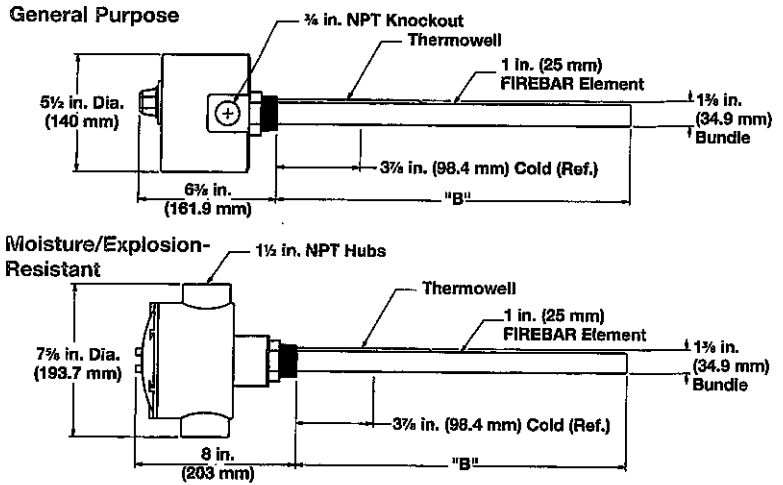


Application: Process Water

- 1 1/4 inch NPT screw plug
- FIREBAR 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



Description	Volts	kW	Ph	'B' Dim. in. (mm)	Ship Wt. lbs (kg)	Type 5A (60 to 250°F)		Type 7A (100 to 550°F)	
						Part Number	Del.	Part Number	Del.
General Purpose Enclosure									
45 W/in² @ 304 SS Plug 1-Alloy 800 Element (7 W/cm²)	240	2.0	3	13 (330)	7 (4)	BDNF13A27S5A	RS	BDNF13A27S7A	RS
	240	2.5	3	15 1/2 (394)	8 (4)	BDNF15J27S5A	RS	BDNF15J27S7A	RS
	240	3.0	3	18 (457)	9 (4)	BDNF18A27S5A	RS	BDNF18A27S7A	RS
	240	4.0	3	22 1/2 (572)	10 (5)	BDNF22J27S5A	RS	BDNF22J27S7A	RS
	480	4.0	3	22 1/2 (572)	10 (5)	BDNF22J28S5A	RS	BDNF22J28S7A	RS
	240	5.0	3	27 1/2 (699)	11 (5)	BDNF27J27S5A	RS	BDNF27J27S7A	RS
	480	5.0	3	27 1/2 (699)	11 (5)	BDNF27J28S5A	RS	BDNF27J28S7A	RS
	240	6.0	3	32 1/2 (826)	12 (6)	BDNF32J27S5A	RS	BDNF32J27S7A	RS
	480	6.0	3	32 1/2 (826)	12 (6)	BDNF32J28S5A	RS	BDNF32J28S7A	RS
	240	8.0	3	42 (1067)	14 (7)	BDNF42A27S5A	RS	BDNF42A27S7A	RS
240	10.0	3	51 1/2 (1308)	16 (8)	BDNF51J27S5A	RS	BDNF51J27S7A	RS	
60 - 250°F						100 - 550°F			
Moisture/Explosion-Resistant Enclosure ⑦									
45 W/in² @ 304 SS Plug 1-Alloy 800 Element (7 W/cm²)	240	2.0	3	13 (330)	10 (5)	BDNF13A27C5A	RS	BDNF13A27C7A	RS
	240	2.5	3	15 1/2 (394)	11 (5)	BDNF15J27C5A	RS	BDNF15J27C7A	RS
	240	3.0	3	18 (457)	12 (6)	BDNF18A27C5A	RS	BDNF18A27C7A	RS
	240	4.0	3	22 1/2 (572)	13 (6)	BDNF22J27C5A	RS	BDNF22J27C7A	RS
	480	4.0	3	22 1/2 (572)	13 (6)	BDNF22J28C5A	RS	BDNF22J28C7A	RS
	240	5.0	3	27 1/2 (699)	14 (7)	BDNF27J27C5A	RS	BDNF27J27C7A	RS
	480	5.0	3	27 1/2 (699)	14 (7)	BDNF27J28C5A	RS	BDNF27J28C7A	RS
	240	6.0	3	32 1/2 (826)	15 (7)	BDNF32J27C5A	RS	BDNF32J27C7A	RS
	480	6.0	3	32 1/2 (826)	15 (7)	BDNF32J28C5A	RS	BDNF32J28C7A	RS
	240	8.0	3	42 (1067)	17 (8)	BDNF42A27C5A	RS	BDNF42A27C7A	RS
240	10.0	3	51 1/2 (1308)	19 (9)	BDNF51J27C5A	RS	BDNF51J27C7A	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

⑧ Can be wired for 1-phase operation