

B SERIES, 1¼" SMALL TANK METAL HEATERS							
WATTS	VOLTS	HOT ZONE In./(mm)	OVERALL LENGTH In./(mm)	304 SS	316 SS	TITANIUM	SHIP WGT. Lbs./(kg)
500	120	5	10	FB.5110-**	SB.5110-**	TB.5110-**	5
	240	(127)	(254)	FB.5210-**	SB.5210-**	TB.5210-**	(2.3)
1000	120	8	14	FB1114-**	SB1114-**	TB1114-**	6
	240	(203)	(356)	FB1214-**	SB1214-**	TB1214-**	(2.7)
1500	120	11	17	FB1.5117-**	SB1.5117-**	TB1.5117-**	8
	240	(279)	(432)	FB1.5217-**	SB1.5217-**	TB1.5217-**	(3.6)

B Series Heater Features and Benefits

SUPERIOR CHEMICAL RESISTANCE:

- ◆ For use in most aqueous alkaline solutions, and plating and phosphate tanks. Check solution recommendation chart with your chemical supplier for proper sheath material selection.

RUGGED CONSTRUCTION:

- ◆ Heavy wall metal sheaths available in:
304 stainless steel
316 stainless steel
Titanium

OUTSTANDING PERFORMANCE:

- ◆ Watt densities up to 45 watts per square inch (6.9 w/cm²) ensure long service life.

CORROSION RESISTANT HEAD:

- ◆ Vapor resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible PVC liquid tight conduit.

SAFETY FEATURES:

- ◆ Grounded construction.
- ◆ Thermal protector built in. Replaceable PI protector standard for solutions up to 180°F (82°C).
- ◆ Non-floating construction.

CERTIFICATIONS: cULus listed (except steel) and CE compliant (except 600 volts).

SIZES: 500 watts to 1,500 watts.

VOLTAGES:

- ◆ 120 to 415 volts.

OPTIONS AVAILABLE (consult factory):

- ◆ Replaceable thermal protectors:

P4: for solutions up to 230°F(110°C)

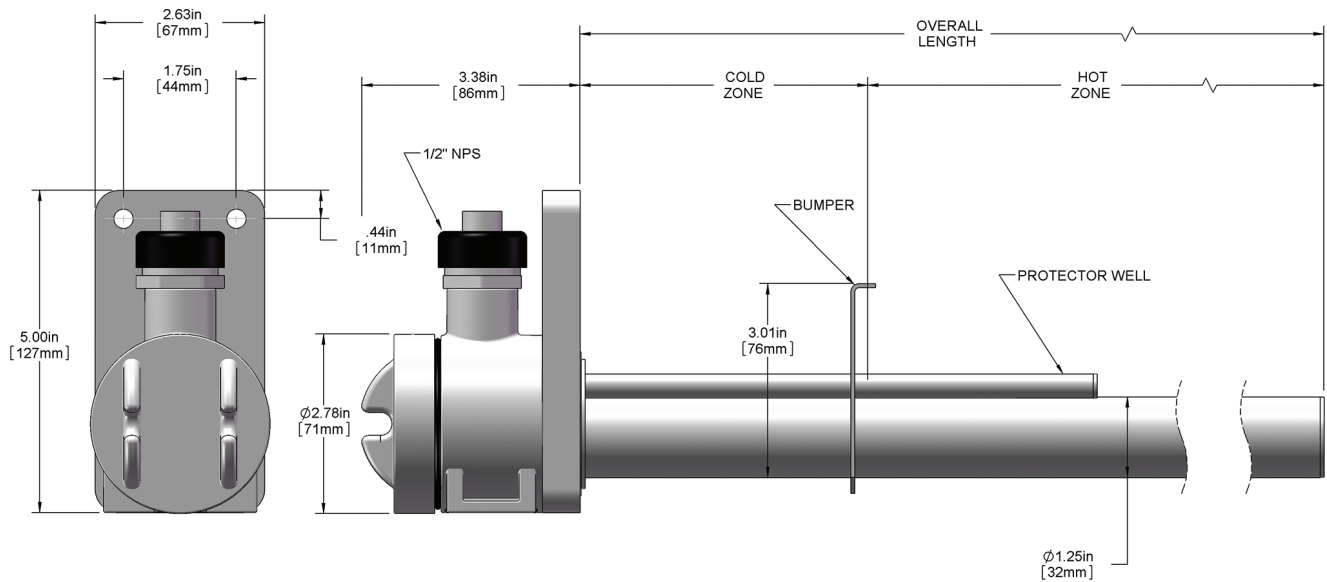
Resettable thermal protectors:

P2: for solutions up to 180°F(82°C)

P6: for solutions up to 230°F(110°C)

- ◆ Special configurations and lengths.
- ◆ Longer wire and conduit lengths.
- ◆ Lower watt densities for highly viscous solutions.
- ◆ Temperature and level controls sized to match the heater (sold separately).
- ◆ All metal welded junction box.

DIMENSIONS



SMALL TANK METAL HEATER ORDERING INFORMATION

Series	Wattage	Voltage	Length (in.)	Type of Protector	Wire and Conduit Length
	.5 = 500 1 = 1000 1.5 = 1500	1 = 120 2 = 240 8 = 208 9 = 220 0 = 200	10 = .5kW 14 = 1kW 17 = 1.5kW specify custom lengths, not to exceed tank depth		no designator = 36" length standard specify variations from standard Ex: -X84 = 84"
	FB = 304 Stainless Steel SB = 316 Stainless Steel TB = Titanium			Replaceable Protector P1 (std) for solutions up to 180°F P4 for solutions up to 230°F Resettable Protector (additional control components required) P2 for solutions up to 180°F P6 for solutions up to 230°F	

ORDERING EXAMPLE:

FB1.5117-P1

304 stainless steel, 1,500 watts, 120 volts, 17" length, P1 protector.

