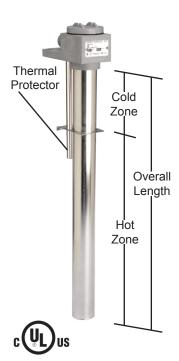


## **Derated Single Bayonet Over The Side Heaters**



			OFDIFO	DEDATED METAL LIEATERS	
		D	SERIES,	DERATED METAL HEATERS	
		HOT	OVERALL		SHIP
WATTS	<b>VOLTS</b>	ZONE	LENGTH		WGT.
		In./(mm)	In./(mm)		Lbs./(kg)
500	120	6	11		7
	240	(152)	(279)		(3.2)
1000	240	10	17		10
	480	(254)	(432)		(4.5)
1500	240	16	23		11
	480	(406)	(584)		(5)
2000	240	20	29		13
	480	(508)	(737)		(5.9)
2500	240	25	35		15
	480	(635)	(889)		(6.8)
3000	240	30	40		17
	480	(762)	(1016)		(7.7)
4000	240	37	47		23
	480	(940)	(1194)		(10.4)
4500	240	44	54		24
	480	(1118)	(1372)		(10.9)
5000	240	49	59		25
	480	(1245)	(1499)		(11.3)
6000	240	58	68		28
	480	(1473)	(1727)		(12.7)

# D 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: steel, 304 stainlesss steel, 316 stainless steel, titanium.

#### **OUTSTANDING PERFORMANCE:**

Low watt densities of 18 watts per square inch (2.8 w/cm²) ensure long service life.

## **CORROSION RESISTANT HEAD:**

 Vapor resistant, flame retardant polypropylene termimal 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 6.000 watts.

## **VOLTAGES:**

120 to 600 volts.

## **OPTIONS AVAILABLE (consult factory):**

Replaceable thermal protectors:

P4: for solutions up to 230°F(110°C)

P5: for solutions up to 300°F(149°C)

## Resettable thermal protectors:

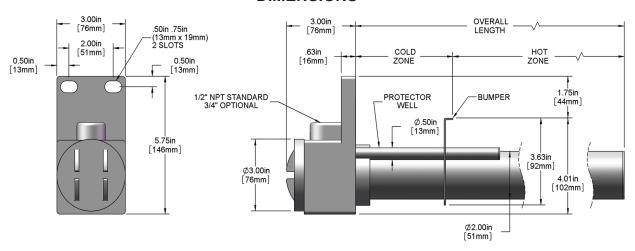
P2: for solutions up to 180°F(82°C)

P6: for solutions up to 230F(110°C)

P7: for solutions up to 300°F(149°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



## DERATED SINGLE TUBE METAL OVER THE SIDE HEATER ORDERING INFORMATION

