



3P, 3F, 3S, and 3T SERIES, TRIPLE METAL HEATERS								
WATTS	VOLTS	HOT ZONE	OVERALL LENGTH	STEEL	304 SS	316 SS	TITANIUM	SHIP WGT.
		In./(mm)	In./(mm)					Lbs./(kg)
3000	240	6	11	3P3211-**-**	3F3211-**-**	3S3211-**-**	3T3211-**-**	21
	480	(155)	(280)	3P3411-**-**	3F3411-**-**	3S3411-**-**	3T3411-**-**	(9.5)
6000	240	10	17	3P6217-**-**	3F6217-**-**	3S6217-**-**	3T6217-**-**	30
	480	(255)	(430)	3P6417-**-**	3F6417-**-**	3S6417-**-**	3T6417-**-**	(14)
9000	240	16	23	3P9223-**-**	3F9223-**-**	3S9223-**-**	3T9223-**-**	33
	480	(405)	(585)	3P9423-**-**	3F9423-**-**	3S9423-**-**	3T9423-**-**	(15)
12000	240	20	29	3P12229-**-**	3F12229-**-**	3S12229-**-**	3T12229-**-**	39
	480	(510)	(735)	3P12429-**-**	3F12429-**-**	3S12429-**-**	3T12429-**-**	(18)
15000	240	25	35	3P15235-**-**	3F15235-**-**	3S15235-**-**	3T15235-**-**	45
	480	(635)	(890)	3P15435-**-**	3F15435-**-**	3S15435-**-**	3T15435-**-**	(20.5)
18000	240	30	40	3P18240-**-**	3F18240-**-**	3S18240-**-**	3T18240-**-**	51
	480	(760)	(1015)	3P18440-**-**	3F18440-**-**	3S18440-**-**	3T18440-**-**	(23)
24000	240	37	47	3P24247-**-**	3F24247-**-**	3S24247-**-**	3T24247-**-**	63
	480	(940)	(1195)	3P24447-**-**	3F24447-**-**	3S24447-**-**	3T24447-**-**	(28.5)
27000	240	44	54	3P27254-**-**	3F27254-**-**	3S27254-**-**	3T27254-**-**	69
	480	(1120)	(1370)	3P27454-**-**	3F27454-**-**	3S27454-**-**	3T27454-**-**	(31)
30000	240	49	59	3P30259-**-**	3F30259-**-**	3S30259-**-**	3T30259-**-**	75
	480	(1245)	(1500)	3P30459-**-**	3F30459-**-**	3S30459-**-**	3T30459-**-**	(34)
36000	240	58	68	3P36268-**-**	3F36268-**-**	3S36268-**-**	3T36268-**-**	84
	480	(1475)	(1730)	3P36468-**-**	3F36468-**-**	3S36468-**-**	3T36468-**-**	(38)

Standard units consist of single head with single conduit. Add "-1" for single phase or "-3" for three phase.

Product Features and Benefits:

- ◆ **SUPERIOR CHEMICAL RESISTANCE:** Materials available for use in most aqueous alkaline solutions, plating solutions, and rinse tanks. Check solution recommendation chart or with your chemical supplier for proper sheath material selection.
- ◆ **RUGGED CONSTRUCTION:** Heavy wall metal sheaths available in:
 - Steel.
 - 304 stainless steel.
 - 316 stainless steel.
 - Titanium.
- ◆ **LONG LASTING PERFORMANCE:** Watt densities of 35 watts per square inch (5.4 w/cm²) ensure long service life.
- ◆ **CORROSION RESISTANT HEAD:** Vapor tight, flame retardant polypropylene terminal enclosure with 3-foot (.9m) flexible PVC liquid tight conduit.
- ◆ **SAFETY FEATURES:**
 - Grounded construction.
 - Thermal protector built in. Replaceable P1 fuse standard for solutions up to 180°F (82°C).
 - Non-floating construction.
- ◆ **CERTIFICATIONS:** UL listed (except steel) to U.S. and Canadian safety requirements, and CE.
- ◆ **SIZES:** 3,000 watts to 36,000 watts.
- ◆ **VOLTAGES:** 120, 240 or 480 volts. 208, 380, 415, 600 and other voltages available.
- ◆ **OPTIONS AVAILABLE (consult factory):**
 - Replaceable thermal protectors:
 - P4: for solutions from 180°F (82°C) to 230°F (110°C).
 - Resettable thermal protectors:
 - P2: for solutions up to 180°F (82°C).
 - P6: for solutions from 180°F (82°C) to 230°F (110°C).
 - Special configurations and lengths.
 - One common head (terminal enclosure) with single conduit for single or three phase.
 - Longer wire and conduit lengths.
 - Lower watt densities for highly viscous solutions.
 - Temperature and level controls sized to match the heater.

Your Distributor:

80 Metcalfe Street • Buffalo, NY 14206 U.S.A. • US/CN: 800-777-2436 • 716-856-2300 • Fax: 716-856-7115

www.cdibuffalo.com • E-mail: sales@cdibuffalo.com

