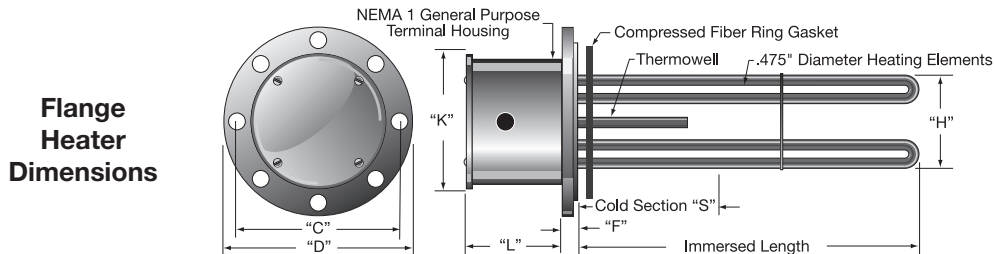


### Standard Flanged Immersion Heaters

**60 watts/in<sup>2</sup> (9.3 watts/cm<sup>2</sup>) — Typical Applications: Deionized Water**

\* 150-lb Raised Face 316 Stainless Steel Flange \* 316 Stainless Steel Sheath Heating Elements

ANSI Flange Size	Immersed Length		KW	Part Number								Approximate Net Weight	
	in	mm		240V-1Ph	Circuits	240V-3Ph	Circuits	480V-1Ph	Circuits	480V-3Ph	Circuits	lbs	kgs
4" — 150lb 6 elements	16	406	12	TFP02960	(2)	TFP02961	(1)	TFP02962	(1)	TFP02963	(1)	27	12
	22	559	18	TFP02964	(2)	TFP02965	(1)	TFP02966	(1)	TFP02967	(1)	29	13
	27½	699	24	TFP02968	(2)	TFP02969	(2)	TFP02970	(1)	TFP02971	(1)	31	14
	33	838	30	—	—	TFP02972	(2)	TFP02973	(2)	TFP02974	(1)	32	15
	38½	978	36	—	—	TFP02975	(2)	TFP02976	(2)	TFP02977	(1)	35	16
	51½	1308	50	—	—	—	—	—	—	TFP02978	(2)	39	18
6" — 150lb 12 elements	61	1549	60	—	—	—	—	—	—	TFP02979	(2)	42	19
	15¾	400	24	TFP02980	(3)	TFP02981	(2)	TFP02982	(2)	TFP02983	(1)	45	20
	21¾	552	36	TFP02984	(3)	TFP02985	(2)	TFP02986	(2)	TFP02987	(1)	49	22
	27¾	692	48	—	—	TFP02988	(4)	TFP02989	(3)	TFP02990	(2)	52	24
	32¾	832	60	—	—	TFP02991	(4)	TFP02992	(3)	TFP02993	(2)	56	25
	38¾	972	72	—	—	TFP02994	(4)	—	—	TFP02995	(2)	60	27
6" — 150lb 15 elements	51¼	1302	100	—	—	—	—	—	—	TFP02996	(4)	69	31
	60¾	1543	120	—	—	—	—	—	—	TFP02997	(4)	75	34
	15¾	400	30	TFP02998	(3)	TFP02999	(5)	TFP03000	(3)	TFP03001	(1)	47	21
	21¾	552	45	TFP03002	(5)	TFP03003	(5)	TFP03004	(3)	TFP03005	(5)	52	24
	27¾	692	60	—	—	TFP03006	(5)	TFP03007	(3)	TFP03008	(5)	57	26
	32¾	832	75	—	—	TFP03009	(5)	TFP03010	(5)	TFP03011	(5)	62	28
6" — 150lb 15 elements	38¾	972	90	—	—	TFP03012	(5)	—	—	TFP03013	(5)	66	30
	51¼	1302	125	—	—	—	—	—	—	TFP03014	(5)	77	35
	60¾	1543	150	—	—	—	—	—	—	TFP03015	(5)	86	39



Flange size in	Flange Mounting		Flange Thickness "F" in mm	Mounting Bolt Circle "C" in mm	Flange Diameter "D" in mm	Cold Section "S" in mm	Bundle Diameter "H" in mm	NEMA 1 Housing		Number of Elements	
	Hole Size in mm	No.						"K" in mm	"L" in mm	Std.	Max.
3	3/4	19	4	15/16 24	6 152	7-1/2 191	2-3/4 70	4-5/8 117	2-5/8 67	3	6
4	3/4	19	8	15/16 24	7-1/2 191	9 229	3-7/8 98	6 152	4 102	6	6
5	7/8	22	8	15/16 24	8-1/2 216	10 254	5 127	7 178	4 102	6	9
6	7/8	22	8	1 25	9-1/2 241	11 279	6 152	8 203	6 152	12	15
8	7/8	22	8	1-1/8 29	11-3/4 298	13-1/2 343	6 152	7-13/16 198	10 254	6 152	18 24
10	1	25	12	1-3/16 30	14-1/4 362	16 406	6 152	9-3/4 248	11-5/8 295	6 152	27 36
12	1	25	12	1-1/4 32	17 432	19 483	6 152	11-3/4 298	13-1/2 343	6 152	36 54
14	1-1/8	29	12	1-3/8 35	18-3/4 476	21 533	6 152	12-3/4 324	15-1/8 384	6 152	45 72