

### Standard Flanged Immersion Heaters

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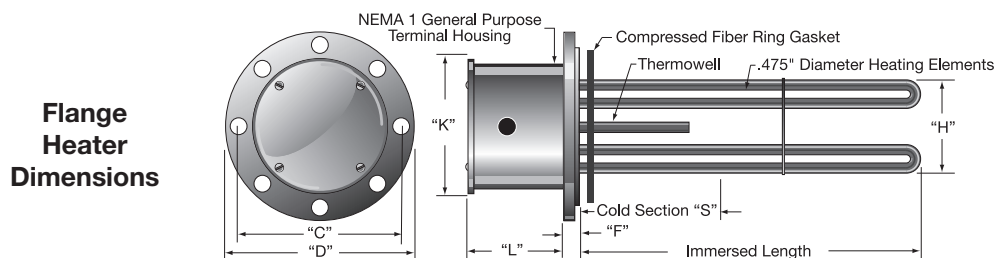
### 23 watts/in<sup>2</sup> (3.6 watts/cm<sup>2</sup>) — Typical Applications: Lightweight Oils • Heat Transfer Oils • Degreasing Solutions

\* 150-lb Raised Face Forged Carbon Steel Flange

\* 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	kg
10" — 150lb 27 elements	33¼	845	45	—	—	TFP02327	(3)	—	—	TFP02328	(3)	127	58
	43¼	1111	60	—	—	TFP02329	(3)	—	—	TFP02330	(3)	143	65
	51¼	1314	75	—	—	TFP02331	(9)	—	—	TFP02332	(3)	155	70
	62¼	1581	90	—	—	—	—	—	—	TFP02333	(3)	171	78
	70¼	1797	105	—	—	—	—	—	—	TFP02334	(3)	184	83
	78¼	2000	120	—	—	—	—	—	—	TFP02335	(3)	196	89
12" — 150lb 36 elements	33⅝	841	60	—	—	—	—	—	—	TFP02336	(3)	180	82
	43⅝	1108	80	—	—	—	—	—	—	TFP02337	(3)	201	91
	51⅝	1311	100	—	—	—	—	—	—	TFP02338	(3)	216	98
	62⅝	1578	120	—	—	—	—	—	—	TFP02339	(3)	239	108
	70⅝	1794	140	—	—	—	—	—	—	TFP02340	(4)	267	121
	78⅝	1997	160	—	—	—	—	—	—	TFP02341	(4)	273	124
14" — 150lb 45 elements	33	838	75	—	—	—	—	—	—	TFP02342	(3)	235	107
	43½	1105	100	—	—	—	—	—	—	TFP02343	(3)	262	119
	51½	1308	125	—	—	—	—	—	—	TFP02344	(5)	282	128
	62	1575	150	—	—	—	—	—	—	TFP02345	(5)	309	140
	70½	1791	175	—	—	—	—	—	—	TFP02346	(5)	330	150
	78½	1994	200	—	—	—	—	—	—	TFP02347	(5)	351	159

**NOTE:** Flanges 8" and larger are 20 watts/in<sup>2</sup> (3.1 watts/cm<sup>2</sup>)



Flange size in	Flange Mounting		Flange Thickness "F"		Mounting Bolt Circle "C"		Flange Diameter "D"		Cold Section "S"		Bundle Diameter "H"		NEMA 1 Housing		Number of Elements				
	Hole Size in	No.	in	mm	in	mm	in	mm	in	mm	in	mm	"K" in	"L" in	Std.	Max.			
3	3/4	19	4	15/16	24	6	152	7-1/2	191	4	102	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	4	102	3-7/8	98	6	152	4	102	6	6
5	7/8	22	8	15/16	24	8-1/2	216	10	254	4	102	5	127	7	178	4	102	6	9
6	7/8	22	8	1	25	9-1/2	241	11	279	4	102	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

### Ordering Information

See Page 11-31 for complete Ordering Information.