

### Standard Flanged Immersion Heaters

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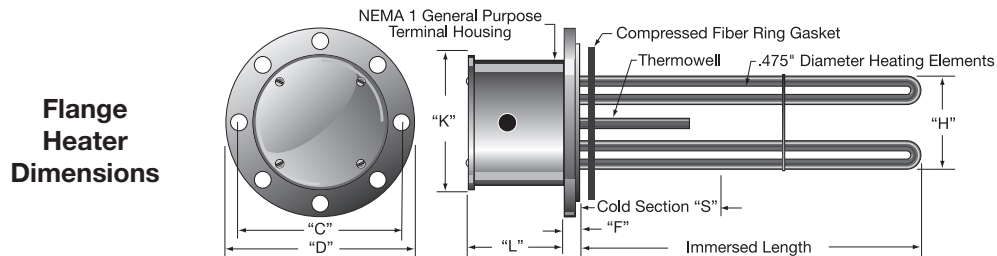
### 23 watts/in<sup>2</sup> (3.6 watts/cm<sup>2</sup>) — Typical Applications: Forced Air • Caustic Solutions • Degreasing Solutions

\* 150-lb Raised Face Forged Carbon Steel Flange

\* Incoloy® 800 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
8" — 150lb 18 elements	32¾	832	30	TFP02618	(3)	TFP02619	(2)	TFP02620	(2)	TFP02621	(1)	88	40
	43¾	1099	40	—	—	TFP02622	(2)	TFP02623	(2)	TFP02624	(1)	99	45
	51¼	1302	50	—	—	TFP02625	(3)	TFP02626	(3)	TFP02627	(2)	107	49
8" — 150lb 24 elements	32¾	832	40	TFP02628	(4)	TFP02629	(2)	TFP02630	(2)	TFP02631	(1)	100	45
	43¾	1099	53	—	—	TFP02632	(4)	TFP02633	(3)	TFP02634	(2)	115	52
	51¼	1302	67	—	—	TFP02635	(4)	TFP02636	(3)	TFP02637	(2)	125	57
10" — 150lb 27 elements	33¾	845	45	—	—	TFP02638	(3)	—	—	TFP02639	(3)	127	58
	43¾	1111	60	—	—	TFP02640	(3)	—	—	TFP02641	(3)	143	65
	51¾	1314	75	—	—	TFP02642	(9)	—	—	TFP02643	(3)	155	70
12" — 150lb 36 elements	33⅝	841	60	—	—	—	—	—	—	TFP02644	(3)	180	82
	43⅝	1108	80	—	—	—	—	—	—	TFP02645	(3)	201	91
	51⅝	1311	100	—	—	—	—	—	—	TFP02646	(3)	216	98
14" — 150lb 45 elements	33	838	75	—	—	—	—	—	—	TFP02647	(3)	235	107
	43½	1105	100	—	—	—	—	—	—	TFP02648	(3)	262	119
	51½	1308	125	—	—	—	—	—	—	TFP02649	(5)	282	128

**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"	"L"	Std.	Max.
3	3/4	4	15/16	24	6	152	7-1/2	191	4	102	2-3/4	70	4-5/8	117	3	6
4	3/4	8	15/16	24	7-1/2	191	9	229	4	102	3-7/8	98	6	152	6	6
5	7/8	8	15/16	24	8-1/2	216	10	254	4	102	5	127	7	178	6	9
6	7/8	8	1	25	9-1/2	241	11	279	4	102	6	152	8	203	12	15
8	7/8	8	1-1/8	29	11-3/4	298	13-1/2	343	6	152	7-13/16	198	10	254	18	24
10	1	12	1-3/16	30	14-1/4	362	16	406	6	152	9-3/4	248	11-5/8	295	27	36
12	1	12	1-1/4	32	17	432	19	483	6	152	11-3/4	298	13-1/2	343	36	54
14	1-1/8	12	1-3/8	35	18-3/4	476	21	533	6	152	12-3/4	324	15-1/8	384	45	72

### Ordering Information

See Page 11-31 for complete Ordering Information.