

Standard Flanged Immersion Heaters

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16 watts/in² (2.5 watts/cm²) — Typical Applications: Heat Transfer Oils • Liquid Paraffin

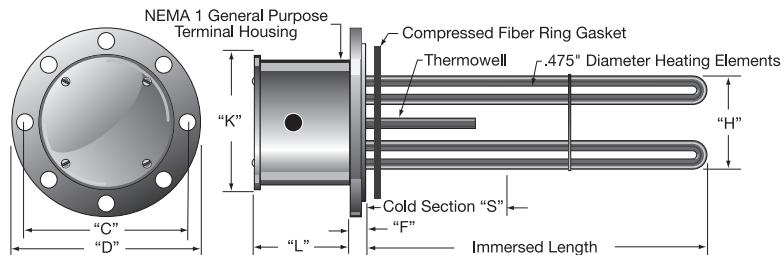
* 150-lb Raised Face Forged Carbon Steel Flange

* Incoloy®800 sheath heating elements

NOTE: 3-Phase only. Cannot be rewired for single phase.

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
10" — 150lb 27 elements	54 ³ / ₄	1391	63	—	—	—	TFP02454 (3)	160	73
	63 ³ / ₄	1619	75	—	—	—	TFP02455 (3)	173	78
	73 ³ / ₄	1861	87	—	—	—	TFP02456 (3)	188	85
12" — 150lb 36 elements	54 ⁷ / ₈	1387	83	—	—	—	TFP02457 (3)	224	102
	63 ³ / ₄	1619	100	—	—	—	TFP02458 (3)	242	110
	73 ³ / ₈	1857	117	—	—	—	TFP02459 (3)	262	119
14" — 150lb 45 elements	54 ¹ / ₂	1384	105	—	—	—	TFP02460 (3)	290	132
	63 ¹ / ₂	1613	125	—	—	—	TFP02461 (5)	313	142

Flange Heater Dimensions



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	in	mm	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	2-5/8	67	3	6
4	3/4	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	8	15/16	24	8-1/2	216	10	254	4	102	5	127	7	178	4	102	6	9
6	7/8	8	1	25	9-1/2	241	11	279	4	102	6	152	8	203	6	152	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	6	152	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	6	152	27	36
12	1	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	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.