



Flanged Immersion Heaters

Standard Flanged Immersion Heaters

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
3" — 150lb 3 elements	13½	343	1.5	—	—	TFP02348	(1)	—	—	TFP02349	(1)	15	7
	18	457	2	—	—	TFP02350	(1)	—	—	TFP02351	(1)	16	7
	20½	521	2.5	—	—	TFP02352	(1)	—	—	TFP02353	(1)	16	7
	25½	648	3	—	—	TFP02354	(1)	—	—	TFP02355	(1)	17	8
	33	838	4	—	—	TFP02356	(1)	—	—	TFP02357	(1)	18	8
	40½	1029	5	—	—	TFP02358	(1)	—	—	TFP02359	(1)	19	9
	48	1219	6	—	—	TFP02360	(1)	—	—	TFP02361	(1)	21	10
4" — 150lb 6 elements	13½	343	3	—	—	TFP02362	(1)	—	—	TFP02363	(1)	26	12
	18	457	4	—	—	TFP02364	(1)	—	—	TFP02365	(1)	28	13
	20½	521	5	—	—	TFP02366	(1)	—	—	TFP02367	(1)	29	13
	25½	648	6	—	—	TFP02368	(1)	—	—	TFP02369	(1)	30	14
	33	838	8	—	—	TFP02370	(1)	—	—	TFP02371	(1)	33	15
	40½	1029	10	—	—	TFP02372	(1)	—	—	TFP02373	(1)	35	16
	48	1219	12	—	—	TFP02374	(1)	—	—	TFP02375	(1)	38	17
5" — 150lb 6 elements	13½	343	3	—	—	TFP02376	(1)	—	—	TFP02377	(1)	30	14
	18	457	4	—	—	TFP02378	(1)	—	—	TFP02379	(1)	32	15
	20½	521	5	—	—	TFP02380	(1)	—	—	TFP02381	(1)	33	15
	25½	648	6	—	—	TFP02382	(1)	—	—	TFP02383	(1)	34	15
	33	838	8	—	—	TFP02384	(1)	—	—	TFP02385	(1)	37	17
	40½	1029	10	—	—	TFP02386	(1)	—	—	TFP02387	(1)	39	18
	48	1219	12	—	—	TFP02388	(1)	—	—	TFP02389	(1)	42	19
5" — 150lb 9 elements	13½	343	4.5	—	—	TFP02390	(1)	—	—	TFP02391	(1)	33	15
	18	457	6	—	—	TFP02392	(1)	—	—	TFP02393	(1)	35	16
	20½	521	7.5	—	—	TFP02394	(1)	—	—	TFP02395	(1)	36	16
	25½	648	9	—	—	TFP02396	(1)	—	—	TFP02397	(1)	39	18
	33	838	12	—	—	TFP02398	(1)	—	—	TFP02399	(1)	43	20
	40½	1029	15	—	—	TFP02400	(1)	—	—	TFP02401	(1)	46	21
	48	1219	18	—	—	TFP02402	(1)	—	—	TFP02403	(1)	50	23
6" — 150lb 12 elements	13½	340	6	—	—	TFP02404	(1)	—	—	TFP02405	(1)	43	20
	17⅞	454	8	—	—	TFP02406	(1)	—	—	TFP02407	(1)	46	21
	20¾	518	10	—	—	TFP02408	(1)	—	—	TFP02409	(1)	48	22
	25¾	645	12	—	—	TFP02410	(1)	—	—	TFP02411	(1)	51	23
	32¾	835	16	—	—	TFP02412	(1)	—	—	TFP02413	(1)	56	25
	40¾	1026	20	—	—	TFP02414	(1)	—	—	TFP02415	(1)	61	28
	47¾	1216	24	—	—	TFP02416	(2)	—	—	TFP02417	(1)	66	30
6" — 150lb 15 elements	13¾	340	7.5	—	—	TFP02418	(1)	—	—	TFP02419	(1)	45	20
	17¾	454	10	—	—	TFP02420	(1)	—	—	TFP02421	(1)	49	22
	20¾	518	12.5	—	—	TFP02422	(1)	—	—	TFP02423	(1)	51	23
	25¾	645	15	—	—	TFP02424	(1)	—	—	TFP02425	(1)	55	25
	32¾	835	20	—	—	TFP02426	(5)	—	—	TFP02427	(1)	62	28
	40¾	1026	25	—	—	TFP02428	(5)	—	—	TFP02429	(1)	68	31
	47¾	1216	30	—	—	TFP02430	(5)	—	—	TFP02431	(1)	75	34
8" — 150lb 18 elements	25¾	654	17	—	—	TFP02432	(1)	—	—	TFP02433	(1)	81	37
	35¾	908	25	—	—	TFP02434	(2)	—	—	TFP02435	(1)	91	41
	44¾	1124	33	—	—	TFP02436	(2)	—	—	TFP02437	(1)	100	45
	54¾	1378	42	—	—	TFP02438	(3)	—	—	TFP02439	(2)	110	50
	63¾	1607	50	—	—	—	—	—	—	TFP02440	(2)	119	54
	72¾	1848	58	—	—	—	—	—	—	TFP02441	(2)	129	59
	82¾	2089	67	—	—	—	—	—	—	TFP02442	(2)	139	63
8" — 150lb 24 elements	25¾	654	23	—	—	TFP02443	(2)	—	—	TFP02444	(1)	90	41
	35¾	908	33	—	—	TFP02445	(2)	—	—	TFP02446	(1)	104	47
	44¾	1124	44	—	—	TFP02447	(4)	—	—	TFP02448	(2)	115	52
	54¾	1378	56	—	—	TFP02449	(4)	—	—	TFP02450	(2)	129	59
	63¾	1607	67	—	—	—	—	—	—	TFP02451	(2)	141	64
	72¾	1848	77	—	—	—	—	—	—	TFP02452	(2)	154	70
	82¾	2089	89	—	—	—	—	—	—	TFP02453	(4)	167	76

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