



## Flanged Immersion Heaters

### Standard Flanged Immersion Heaters

**16 watts/in<sup>2</sup> (2.5 watts/cm<sup>2</sup>) — 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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