



Flanged Immersion Heaters

Standard Flanged Immersion Heaters

23 watts/in² (3.6 watts/cm²) — 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	kgs
3" — 150lb 3 elements	18	457	3	TFP02131	(1)	TFP02132	(1)	TFP02133	(1)	TFP02134	(1)	16	7
	25½	648	4.5	TFP02135	(1)	TFP02136	(1)	TFP02137	(1)	TFP02138	(1)	17	8
	33	838	6	TFP02139	(1)	TFP02140	(1)	TFP02141	(1)	TFP02142	(1)	18	8
	40½	1029	7.5	TFP02143	(1)	TFP02144	(1)	TFP02145	(1)	TFP02146	(1)	19	9
	48	1219	9	TFP02147	(1)	TFP02148	(1)	TFP02149	(1)	TFP02150	(1)	21	10
	64½	1638	12.5	—	—	TFP02151	(1)	TFP02152	(1)	TFP02153	(1)	24	11
77	1956	15	—	—	TFP02154	(1)	TFP02155	(1)	TFP02156	(1)	26	12	
4" — 150lb 6 elements	18	457	6	TFP02157	(1)	TFP02158	(1)	TFP02159	(1)	TFP02160	(1)	28	13
	25½	648	9	TFP02161	(1)	TFP02162	(1)	TFP02163	(1)	TFP02164	(1)	30	14
	33	838	12	TFP02165	(2)	TFP02166	(1)	TFP02167	(1)	TFP02168	(1)	33	15
	40½	1029	15	TFP02169	(2)	TFP02170	(1)	TFP02171	(1)	TFP02172	(1)	35	16
	48	1219	18	TFP02173	(2)	TFP02174	(1)	TFP02175	(1)	TFP02176	(1)	38	17
	64½	1638	25	—	—	TFP02177	(2)	TFP02178	(2)	TFP02179	(1)	44	20
77	1956	30	—	—	TFP02180	(2)	TFP02181	(2)	TFP02182	(1)	48	22	
5" — 150lb 6 elements	18	457	6	TFP02183	(1)	TFP02184	(1)	TFP02185	(1)	TFP02186	(1)	32	15
	25½	648	9	TFP02187	(1)	TFP02188	(1)	TFP02189	(1)	TFP02190	(1)	34	15
	33	838	12	TFP02191	(2)	TFP02192	(1)	TFP02193	(1)	TFP02194	(1)	37	17
	40½	1029	15	TFP02195	(2)	TFP02196	(1)	TFP02197	(1)	TFP02198	(1)	39	18
	48	1219	18	TFP02199	(2)	TFP02200	(1)	TFP02201	(1)	TFP02202	(1)	42	19
	52½	1322	20	TFP02203	(2)	TFP02204	(1)	TFP02205	(1)	TFP02206	(1)	43	20
64½	1638	25	—	—	TFP02207	(2)	TFP02208	(2)	TFP02209	(1)	48	22	
77	1956	30	—	—	TFP02210	(2)	TFP02211	(2)	TFP02212	(1)	52	24	
5" — 150lb 9 elements	18	457	9	TFP02213	(1)	TFP02214	(1)	TFP02215	(1)	TFP02216	(1)	35	16
	25½	648	14	TFP02217	(3)	TFP02218	(1)	TFP02219	(1)	TFP02220	(1)	39	18
	33	838	18	TFP02221	(3)	TFP02222	(1)	TFP02223	(1)	TFP02224	(1)	43	20
	40½	1029	23	TFP02225	(3)	TFP02226	(3)	TFP02227	(1)	TFP02228	(1)	46	21
	48	1219	27	TFP02229	(3)	TFP02230	(3)	TFP02231	(3)	TFP02232	(1)	50	23
	64½	1638	38	—	—	TFP02233	(3)	TFP02234	(3)	TFP02235	(1)	59	27
77	1956	45	—	—	TFP02236	(3)	TFP02237	(3)	TFP02238	(3)	65	30	
6" — 150lb 12 elements	17½	454	12	TFP02239	(1)	TFP02240	(1)	TFP02241	(1)	TFP02242	(1)	46	21
	25½	645	18	TFP02243	(2)	TFP02244	(1)	TFP02245	(1)	TFP02246	(1)	51	23
	32¾	835	24	TFP02247	(2)	TFP02248	(2)	TFP02249	(1)	TFP02250	(1)	56	25
	40¾	1026	30	TFP02251	(2)	TFP02252	(2)	TFP02253	(2)	TFP02254	(1)	61	28
	47¾	1216	36	TFP02255	(3)	TFP02256	(2)	TFP02257	(2)	TFP02258	(1)	66	30
	64¾	1635	50	—	—	TFP02259	(4)	TFP02260	(4)	TFP02261	(2)	78	35
76¾	1953	60	—	—	TFP02262	(4)	TFP02263	(4)	TFP02264	(2)	86	39	
6" — 150lb 15 elements	17½	454	15	TFP02265	(3)	TFP02266	(1)	TFP02267	(1)	TFP02268	(1)	49	22
	25½	645	23	TFP02269	(3)	TFP02270	(5)	TFP02271	(1)	TFP02272	(1)	55	25
	32¾	835	30	TFP02273	(3)	TFP02274	(5)	TFP02275	(3)	TFP02276	(1)	62	28
	40¾	1026	38	TFP02277	(5)	TFP02278	(5)	TFP02279	(3)	TFP02280	(1)	68	31
	47¾	1216	45	TFP02281	(5)	TFP02282	(5)	TFP02283	(3)	TFP02284	(5)	75	34
	64¾	1635	63	—	—	TFP02285	(5)	TFP02286	(3)	TFP02287	(5)	89	40
76¾	1953	75	—	—	TFP02288	(5)	TFP02289	(5)	TFP02290	(5)	99	45	
8" — 150lb 18 elements	32¾	832	30	TFP02291	(3)	TFP02292	(2)	TFP02293	(2)	TFP02294	(1)	88	40
	43¾	1099	40	—	—	TFP02295	(2)	TFP02296	(2)	TFP02297	(1)	99	45
	51¼	1302	50	—	—	TFP02298	(3)	TFP02299	(3)	TFP02300	(2)	107	49
	61¼	1568	60	—	—	TFP02301	(3)	TFP02302	(3)	TFP02303	(2)	117	53
	70¼	1784	70	—	—	TFP02304	(6)	TFP02305	(3)	TFP02306	(2)	126	57
	79¼	2013	80	—	—	TFP02307	(6)	—	—	TFP02308	(2)	136	62
8" — 150lb 24 elements	32¾	832	40	TFP02309	(4)	TFP02310	(2)	TFP02311	(2)	TFP02312	(1)	100	45
	43¾	1099	53	—	—	TFP02313	(4)	TFP02314	(3)	TFP02315	(2)	114	52
	51¼	1302	67	—	—	TFP02316	(4)	TFP02317	(3)	TFP02318	(2)	125	57
	61¼	1568	80	—	—	TFP02319	(4)	TFP02320	(4)	TFP02321	(2)	139	63
	70¼	1784	93	—	—	TFP02322	(8)	TFP02323	(6)	TFP02324	(4)	151	68
	79¼	2013	107	—	—	TFP02325	(8)	—	—	TFP02326	(4)	162	73

NOTE: Flanges 8" and larger are 20 watts/in² (3.1 watts/cm²)

