



Flanged Immersion Heaters

Standard Flanged Immersion Heaters

8 watts/in² (1.3 watts/cm²) — Typical Applications: Fuel Oils (Bunker C and Number 6)

* 150-lb Raised Face Forged Carbon Steel Flange

* Steel Sheath Heating Elements

NOTE: Wired for 3-Phase only.

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	33	838	2	—	—	TFP02001	(1)	—	—	TFP02002	(1)	18	8
	48	1219	3	—	—	TFP02003	(1)	—	—	TFP02004	(1)	21	10
	64½	1638	4	—	—	TFP02005	(1)	—	—	TFP02006	(1)	24	11
	77	1956	5	—	—	TFP02007	(1)	—	—	TFP02008	(1)	26	12
4" — 150lb 6 elements	40½	1029	5	—	—	TFP02009	(1)	—	—	TFP02010	(1)	35	16
	48	1219	6	—	—	TFP02011	(1)	—	—	TFP02012	(1)	38	17
	64½	1638	8	—	—	TFP02013	(1)	—	—	TFP02014	(1)	44	20
	77	1956	10	—	—	TFP02015	(1)	—	—	TFP02016	(1)	48	22
5" — 150lb 6 elements	40½	1029	5	—	—	TFP02017	(1)	—	—	TFP02018	(1)	39	18
	48	1219	6	—	—	TFP02019	(1)	—	—	TFP02020	(1)	42	19
	64½	1638	8	—	—	TFP02021	(1)	—	—	TFP02022	(1)	48	22
	77	1956	10	—	—	TFP02023	(1)	—	—	TFP02024	(1)	52	24
5" — 150lb 9 elements	40½	1029	7.5	—	—	TFP02025	(1)	—	—	TFP02026	(1)	46	21
	48	1219	9	—	—	TFP02027	(1)	—	—	TFP02028	(1)	50	23
	64½	1638	12	—	—	TFP02029	(1)	—	—	TFP02030	(1)	59	27
	77	1956	15	—	—	TFP02031	(1)	—	—	TFP02032	(1)	65	29
6" — 150lb 12 elements	32¾	835	8	—	—	TFP02033	(1)	—	—	TFP02034	(1)	56	25
	40¾	1026	10	—	—	TFP02035	(1)	—	—	TFP02036	(1)	61	28
	47¾	1216	12	—	—	TFP02037	(1)	—	—	TFP02038	(1)	66	30
	64¾	1635	16.5	—	—	TFP02039	(1)	—	—	TFP02040	(1)	78	35
	76¾	1953	20	—	—	TFP02041	(1)	—	—	TFP02042	(1)	86	39
6" — 150lb 15 elements	32¾	835	10	—	—	TFP02043	(1)	—	—	TFP02044	(1)	62	28
	40¾	1026	12.5	—	—	TFP02045	(1)	—	—	TFP02046	(1)	68	31
	47¾	1216	15	—	—	TFP02047	(1)	—	—	TFP02048	(1)	75	34
	64¾	1635	21	—	—	TFP02049	(5)	—	—	TFP02050	(1)	89	40
	76¾	1953	25	—	—	TFP02051	(5)	—	—	TFP02052	(1)	99	45
8" — 150lb 18 elements	43¼	1099	12.5	—	—	TFP02053	(1)	—	—	TFP02054	(1)	99	45
	51¼	1302	16.5	—	—	TFP02055	(1)	—	—	TFP02056	(1)	107	49
	61¼	1569	20	—	—	TFP02057	(1)	—	—	TFP02058	(1)	117	53
	70¼	1784	24	—	—	TFP02059	(2)	—	—	TFP02060	(1)	126	57
	79¼	2013	27	—	—	TFP02061	(2)	—	—	TFP02062	(1)	136	62
8" — 150lb 24 elements	43¼	1099	17	—	—	TFP02063	(1)	—	—	TFP02064	(1)	114	52
	51¼	1302	22	—	—	TFP02065	(2)	—	—	TFP02066	(1)	125	57
	61¼	1569	27	—	—	TFP02067	(2)	—	—	TFP02068	(1)	139	63
	70¼	1784	32	—	—	TFP02069	(2)	—	—	TFP02070	(1)	151	68
	79¼	2013	36	—	—	TFP02071	(2)	—	—	TFP02072	(1)	162	73
10" — 150lb 27 elements	51¼	1314	25	—	—	TFP02073	(3)	—	—	TFP02074	(1)	155	70
	62¼	1581	30	—	—	TFP02075	(3)	—	—	TFP02076	(1)	171	78
	70¼	1797	35	—	—	TFP02077	(3)	—	—	TFP02078	(1)	184	83
	78¼	2000	40	—	—	TFP02079	(3)	—	—	TFP02080	(1)	196	89
12" — 150lb 36 elements	51¾	1311	34	—	—	TFP02081	(2)	—	—	TFP02082	(1)	216	98
	62¾	1578	40	—	—	TFP02083	(2)	—	—	TFP02084	(1)	239	108
	70¾	1794	47	—	—	TFP02085	(3)	—	—	TFP02086	(2)	267	121
	78¾	1997	54	—	—	TFP02087	(3)	—	—	TFP02088	(2)	273	124
14" — 150lb 45 elements	51½	1308	42	—	—	TFP02089	(3)	—	—	TFP02090	(3)	282	128
	62	1575	50	—	—	TFP02091	(3)	—	—	TFP02092	(3)	309	140
	70½	1791	60	—	—	TFP02093	(3)	—	—	TFP02094	(3)	330	150
	78½	1994	67	—	—	TFP02095	(5)	—	—	TFP02096	(3)	351	159

NOTE: Flanges 8" and larger are 7 watts/in² (1.1 watts/cm²)