



Flanged Immersion Heaters

Standard Flanged Immersion Heaters

48 watts/in² (7.4 watts/cm²) — Typical Applications: Process Water

* 150-lb Raised Face Forged Carbon Steel Flange * Incoloy® 800 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	13½	343	4.5	TFP02650	(1)	TFP02651	(1)	TFP02652	(1)	TFP02653	(1)	15	7
	18	457	6	TFP02654	(1)	TFP02655	(1)	TFP02656	(1)	TFP02657	(1)	16	7
	20½	521	7.5	TFP02658	(1)	TFP02659	(1)	TFP02660	(1)	TFP02661	(1)	16	7
	25½	648	9	TFP02662	(1)	TFP02663	(1)	TFP02664	(1)	TFP02665	(1)	17	8
	33	838	12	—	—	TFP02666	(1)	TFP02667	(1)	TFP02668	(1)	18	8
	40½	1029	15	—	—	TFP02669	(1)	TFP02670	(1)	TFP02671	(1)	19	9
	48	1219	18	—	—	TFP02672	(1)	TFP02673	(1)	TFP02674	(1)	21	10
4" — 150lb 6 elements	13½	343	9	TFP02675	(1)	TFP02676	(1)	TFP02677	(1)	TFP02678	(1)	26	12
	18	457	12	TFP02679	(2)	TFP02680	(1)	TFP02681	(1)	TFP02682	(1)	28	13
	20½	521	15	TFP02683	(2)	TFP02684	(1)	TFP02685	(1)	TFP02686	(1)	29	13
	25½	648	18	TFP02687	(2)	TFP02688	(1)	TFP02689	(1)	TFP02690	(1)	30	14
	33	838	24	TFP02691	(2)	TFP02692	(2)	TFP02693	(2)	TFP02694	(1)	33	15
	40½	1029	30	—	—	TFP02695	(2)	TFP02696	(2)	TFP02697	(1)	35	16
	48	1219	36	—	—	TFP02698	(2)	TFP02699	(2)	TFP02700	(1)	38	17
5" — 150lb 6 elements	13½	343	9	TFP02701	(1)	TFP02702	(1)	TFP02703	(1)	TFP02704	(1)	30	14
	18	457	12	TFP02705	(2)	TFP02706	(1)	TFP02707	(1)	TFP02708	(1)	32	15
	20½	521	15	TFP02709	(2)	TFP02710	(1)	TFP02711	(1)	TFP02712	(1)	33	15
	25½	648	18	TFP02713	(2)	TFP02714	(1)	TFP02715	(1)	TFP02716	(1)	34	15
	33	838	24	TFP02717	(2)	TFP02718	(2)	TFP02719	(2)	TFP02720	(1)	37	17
	40½	1029	30	—	—	TFP02721	(2)	TFP02722	(2)	TFP02723	(1)	39	18
	48	1219	36	—	—	TFP02724	(2)	TFP02725	(2)	TFP02726	(1)	42	19
5" — 150lb 9 elements	13½	343	14	TFP02727	(3)	TFP02728	(1)	TFP02729	(1)	TFP02730	(1)	33	15
	18	457	18	TFP02731	(3)	TFP02732	(1)	TFP02733	(1)	TFP02734	(1)	35	16
	20½	521	23	TFP02735	(3)	TFP02736	(3)	TFP02737	(1)	TFP02738	(1)	36	16
	25½	648	27	TFP02739	(3)	TFP02740	(3)	TFP02741	(3)	TFP02742	(1)	39	18
	33	838	36	—	—	TFP02743	(3)	TFP02744	(3)	TFP02745	(1)	43	20
	40½	1029	45	—	—	TFP02746	(3)	TFP02747	(3)	TFP02748	(3)	46	21
	48	1219	54	—	—	TFP02749	(3)	TFP02750	(3)	TFP02751	(3)	50	23
6" — 150lb 12 elements	13½	340	18	TFP02752	(2)	TFP02753	(1)	TFP02754	(1)	TFP02755	(1)	43	20
	17½	454	24	TFP02756	(2)	TFP02757	(2)	TFP02758	(2)	TFP02759	(1)	46	21
	20¾	518	30	TFP02760	(3)	TFP02761	(2)	TFP02762	(2)	TFP02763	(1)	48	22
	25¾	645	36	TFP02764	(3)	TFP02765	(2)	TFP02766	(2)	TFP02767	(1)	51	23
	32¾	835	48	—	—	TFP02768	(4)	TFP02769	(3)	TFP02770	(2)	56	25
	40¾	1026	60	—	—	TFP02771	(4)	TFP02772	(3)	TFP02773	(2)	61	28
	47¾	1216	72	—	—	TFP02774	(4)	—	—	TFP02775	(2)	66	30
6" — 150lb 15 elements	13¾	340	23	TFP02776	(3)	TFP02777	(5)	TFP02778	(1)	TFP02779	(1)	45	20
	17¾	454	30	TFP02780	(3)	TFP02781	(5)	TFP02782	(3)	TFP02783	(1)	49	22
	20¾	518	38	TFP02784	(5)	TFP02785	(5)	TFP02786	(3)	TFP02787	(1)	51	23
	25¾	645	45	TFP02788	(5)	TFP02789	(5)	TFP02790	(3)	TFP02791	(5)	55	25
	32¾	835	60	—	—	TFP02792	(5)	TFP02793	(3)	TFP02794	(5)	62	28
	40¾	1026	75	—	—	TFP02795	(5)	TFP02796	(5)	TFP02797	(5)	68	31
	47¾	1216	90	—	—	TFP02798	(5)	—	—	TFP02799	(5)	75	34
8" — 150lb 18 elements	25¾	654	50	—	—	TFP02800	(3)	TFP02801	(3)	TFP02802	(2)	81	37
	35¾	908	75	—	—	TFP02803	(6)	—	—	TFP02804	(2)	91	41
	44¾	1124	100	—	—	TFP02805	(6)	—	—	TFP02806	(3)	100	45
	54¾	1378	125	—	—	TFP02807	(6)	—	—	TFP02808	(6)	110	50
	63¾	1607	150	—	—	—	—	—	—	TFP02809	(6)	119	54
	72¾	1848	175	—	—	—	—	—	—	TFP02810	(6)	129	59
	82¾	2089	200	—	—	—	—	—	—	TFP02811	(6)	139	63
8" — 150lb 24 elements	25¾	654	67	—	—	—	—	TFP02813	(3)	TFP02814	(2)	90	41
	35¾	908	100	—	—	TFP02812	(4)	—	—	TFP02816	(4)	104	47
	44¾	1124	133	—	—	TFP02815	(8)	—	—	TFP02818	(4)	115	52
	54¾	1378	167	—	—	TFP02819	(8)	—	—	TFP02820	(8)	129	59
	63¾	1607	200	—	—	—	—	—	—	TFP02821	(8)	141	64
	72¾	1848	233	—	—	—	—	—	—	TFP02822	(8)	154	70
	82¾	2089	267	—	—	—	—	—	—	TFP02823	(8)	167	76

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