



Screw Plug Immersion Heaters

NEMA 1 housing, except 4E274 to 4E279

WITH THERMOSTAT

 Control range: copper, 60° to 250°F; steel (Tempco models), 60° to 250°F; steel (Vulcan models), 100° to 550°F





WITHOUT THERMOSTAT

Require external flow switch, low-liquid cutoff switch, over-temp. switch, or other safety device depending on the type of system.

AUTOMATIC RESET

■ Control range: 110° to 190°F

No. Depth Wats Voltage Phase Density Brand Model No. Density Brand Model No. No. Density Brand Model No. Density Brand Density		Min. Immersion		Heater		Watt				Watt	WITHOUT THERMOSTAT Mfr.		Item
1				Voltage	Phase	Density	Brand	Model	No.	Density	Brand	Model	No.
1 in 6 % in 750 W 120 V AC			r Sneath	120\/ AC	- 1	46 og in	Tompoo	TCD02070	2NAD0	AG og in	Tompoo	TCD02007	2VVD0
1 in 6 ki in 1,000 W 120V AC 1 92 sq in Tempco TSP02086 2VXT3 93 sq in Tempco TSP02086 2VXT4 1 in 9 ki in 1,500 W 120V AC 1 99 sq in Tempco TSP02086 2VXT5 93 sq in Tempco TSP02086 2VXT6 1 in 6 in 1,000 W 120V AC 1 99 sq in Tempco TSP02086 GHT		6 3% in	750 W	120V AC	- 1	60 sq in	Tempco	TSP02070		60 cg in		TSP02007	2VXT2
1 in 9 kin 1,500 W 120V AC 1 90 sqi n Tempco TSP02081 2VXT6 1 ki in 6 in 1,000 W 240V AC 1 90 sqi n Tempco TSP02260 6TH13 83 sqi n Vulcan ASW1104 42275 1 ki in 6 in 1,000 W 240V AC 1 94 sqi n Tempco TSP02260 6TH14 83 sqi n Vulcan ASW1104 42275 1 ki in 6 in 1,000 W 240V AC 1 94 sqi n Tempco TSP02260 6TH15 80 sqi n Vulcan ASW1104 42275 1 ki in 6 ki n 1,000 W 120V AC 1 94 sqi n Tempco TSP02262 6TH15 80 sqi n Vulcan ASW1204 42276 1 ki in 7 ki in 1,500 W 120V AC 1 61 sqi n Tempco TSP02262 2VXT7 61 sqi in Tempco TSP02082 2VXT7 61 sqi in				120V AC	- i	92 sq in	Tempco	TSP02080				TSP02096	2VXT4
14 in 6 in 1,000 W 240 VAC 1 99 sq in Tempco TSP02261 6TH14 83 sq in Vulcan ASW110B 42278 14 in 6 12 in 2,000 W 240 VAC 1 94 sq in Tempco TSP02268 6TH16 80 sq in Vulcan ASW120B 42278 14 in 7 14 in 1,500 W 240 VAC 1 64 sq in Tempco TSP02268 6TH16 80 sq in Vulcan ASW120B 42278 14 in 7 14 in 1,500 W 240 VAC 1 64 sq in Tempco TSP02268 6TH16 80 sq in Vulcan ASW120B 42278 14 in 9 14 in 2,000 W 240 VAC 1 64 sq in Tempco TSP02268 6TH17 64 sq in Vulcan ASW115B 42271 7 14 in 9 14 in 2,000 W 240 VAC 1 64 sq in Tempco TSP02265 6TH18 64 sq in Vulcan ASW115B 42271 2 in 8 in 2,000 W 120 VAC 1 64 sq in Tempco TSP02265 6TH18 64 sq in Vulcan ASW115B 42271 2 in 8 in 2,000 W 120 VAC 1 64 sq in Tempco TSP02265 6TH18 64 sq in Vulcan ASW115B 42271 2 in 8 in 2,000 W 120 VAC 1 48 sq in Vulcan AUW220A 42280 61 sq in Tempco TSP02205 2 VXIII 2 in 10 in 3,000 W 240 VAC 3 45 sq in Tempco TSP02085 2 VXIU2 45 sq in Tempco TSP02085 2 VXIU4 45					i i	90 sq in	Tempco	TSP02081				TSP02099	
14 in 6 in 1,000 W 240 VAC 1 99 sq in Tempco TSP02261 6TH14 83 sq in Vulcan ASW110B 42278 14 in 6 12 in 2,000 W 240 VAC 1 94 sq in Tempco TSP02268 6TH16 80 sq in Vulcan ASW120B 42278 14 in 7 14 in 1,500 W 240 VAC 1 64 sq in Tempco TSP02268 6TH16 80 sq in Vulcan ASW120B 42278 14 in 7 14 in 1,500 W 240 VAC 1 64 sq in Tempco TSP02268 6TH16 80 sq in Vulcan ASW120B 42278 14 in 9 14 in 2,000 W 240 VAC 1 64 sq in Tempco TSP02268 6TH17 64 sq in Vulcan ASW115B 42271 7 14 in 9 14 in 2,000 W 240 VAC 1 64 sq in Tempco TSP02265 6TH18 64 sq in Vulcan ASW115B 42271 2 in 8 in 2,000 W 120 VAC 1 64 sq in Tempco TSP02265 6TH18 64 sq in Vulcan ASW115B 42271 2 in 8 in 2,000 W 120 VAC 1 64 sq in Tempco TSP02265 6TH18 64 sq in Vulcan ASW115B 42271 2 in 8 in 2,000 W 120 VAC 1 48 sq in Vulcan AUW220A 42280 61 sq in Tempco TSP02205 2 VXIII 2 in 10 in 3,000 W 240 VAC 3 45 sq in Tempco TSP02085 2 VXIU2 45 sq in Tempco TSP02085 2 VXIU4 45	1 ½ in		1,000 W	120V AC	1	90 sq in	Tempco	TSP03260	6THT3	83 sg in	Vulcan	ASW110A	4E274
14 in 7 /4 in 1,500 W 120 /AC 1 61 sq in Tempco TSP02082 2VXTT 34 sq in Tempco TSP02100 2VXTT 17 in 9 in 1,500 W 120 /AC 1 84 sq in Tempco TSP02084 5HTT 84 sq in Vulcan ASW1158 4E277 17 in 9 in 1,500 W 120 /AC 1 61 sq in Tempco TSP02084 2VXTS 61 sq in Tempco TSP02102 2VXUT 2 in 8 in 2,000 W 120 /AC 1 48 sq in Vulcan AUW2208 2VXTS 61 sq in Tempco TSP02102 2VXUT 2 in 3 in 2,000 W 240 /AC 1 48 sq in Vulcan AUW2208 4E281			1,000 W	240V AC	1	90 sq in		TSP03261	6THT4		Vulcan	ASW110B	4E275
14 in 7 /4 in 1,500 W 120 /AC 1 61 sq in Tempco TSP02082 2VXTT 34 sq in Tempco TSP02100 2VXTT 17 in 9 in 1,500 W 120 /AC 1 84 sq in Tempco TSP02084 5HTT 84 sq in Vulcan ASW1158 4E277 17 in 9 in 1,500 W 120 /AC 1 61 sq in Tempco TSP02084 2VXTS 61 sq in Tempco TSP02102 2VXUT 2 in 8 in 2,000 W 120 /AC 1 48 sq in Vulcan AUW2208 2VXTS 61 sq in Tempco TSP02102 2VXUT 2 in 3 in 2,000 W 240 /AC 1 48 sq in Vulcan AUW2208 4E281			2,000 W	120V AC	1	94 sq in	Tempco	TSP03262		80 sq in		ASW120A	4E278
14 in 7 /4 in 1,500 W 120 /AC 1 61 sq in Tempco TSP02082 2VXTT 34 sq in Tempco TSP02100 2VXTT 17 in 9 in 1,500 W 120 /AC 1 84 sq in Tempco TSP02084 5HTT 84 sq in Vulcan ASW1158 4E277 17 in 9 in 1,500 W 120 /AC 1 61 sq in Tempco TSP02084 2VXTS 61 sq in Tempco TSP02102 2VXUT 2 in 8 in 2,000 W 120 /AC 1 48 sq in Vulcan AUW2208 2VXTS 61 sq in Tempco TSP02102 2VXUT 2 in 3 in 2,000 W 240 /AC 1 48 sq in Vulcan AUW2208 4E281		6 ½ in		240V AC	1	94 sq in		TSP03263	6THT6			ASW120B	
1 ½ in 9 ½ in 2,000 W 120V AC 1 61 sq in Tempco TSP02084 2VXT9 61 sq in Tempco TSP02102 2VXU 2 in 8 in 2,000 W 120V AC 1 48 sq in Vulcan AUW220A 42280 — — — — — — 2 in 8 in 2,000 W 240V AC 1 48 sq in Vulcan AUW2208 42281 — — — — — — — — 2 in 10 in 3,000 W 240V AC 3 45 sq in Tempco TSP02103 2VXU3 2 in 11 in 4,000 W 240V AC 3 54 sq in Tempco TSP02108 2VXU2 45 sq in Tempco TSP02104 2VXU3 2 in 11 in 4,000 W 240V AC 3 54 sq in Tempco TSP02108 2VXU2 45 sq in Tempco TSP02104 2VXU3 2 in 11 in 5,000 W 240V AC 3 67 sq in Tempco TSP02108 2VXU4 54 sq in Tempco TSP02104 2VXU5 2 in 11 ½ in 1,500 W 120V AC 3 67 sq in Tempco TSP02088 2VXU4 54 sq in Tempco TSP02104 2VXU5 2 in 11 ½ in 3,000 W 120V AC 1 48 sq in Fempco TSP02088 2VXU4 54 sq in Tempco TSP02105 2VXU7 2 in 11 ½ in 3,000 W 120V AC 1 48 sq in Fempco TSP02088 2VXU4 54 sq in Tempco TSP02106 2VXU7 2 in 11 ½ in 3,000 W 240V AC 1 48 sq in Vulcan AUW230A 4282 — — — 2 in 11 ½ in 3,000 W 240V AC 3 65 sq in Tempco TSP02089 2VXV3 65 sq in Tempco TSP02107 2VXV5 2 in 16 in 7,500 W 240V AC 3 65 sq in Tempco TSP02089 2VXV7 65 sq in Tempco TSP02008 2VXV7 2 in 19 ½ in 5,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXV7 65 sq in Tempco TSP02008 2VXV9 2 in 19 ½ in 5,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXV7 65 sq in Tempco TSP02009 2VXV7 2 in 19 ½ in 5,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXV7 65 sq in Tempco TSP02009 2VXV8 2 in 19 ½ in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXV7 65 sq in Tempco TSP02009 2VXV8 2 in 19 ½ in 2 2 in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXVW 65 sq in Tempco TSP02009 2VXVW 2 in 2 2 in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXVW 65 sq in Tempco TSP02009 2VXVW 8 2 in 19 ½ in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXVW 65 sq in Tempco TSP02099 2VXVW 8 2 in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXVW 65 sq in T	1 ½ in		1,500 W	120V AC	11	61 sq in		TSP02082	2VXT7			TSP02100	2VXT8
1 ½ in 9 ½ in 2,000 W 120V AC 1 61 sq in Tempco TSP02084 2VXT9 61 sq in Tempco TSP02102 2VXU 2 in 8 in 2,000 W 120V AC 1 48 sq in Vulcan AUW220A 42280 — — — — — — 2 in 8 in 2,000 W 240V AC 1 48 sq in Vulcan AUW2208 42281 — — — — — — — — 2 in 10 in 3,000 W 240V AC 3 45 sq in Tempco TSP02103 2VXU3 2 in 11 in 4,000 W 240V AC 3 54 sq in Tempco TSP02108 2VXU2 45 sq in Tempco TSP02104 2VXU3 2 in 11 in 4,000 W 240V AC 3 54 sq in Tempco TSP02108 2VXU2 45 sq in Tempco TSP02104 2VXU3 2 in 11 in 5,000 W 240V AC 3 67 sq in Tempco TSP02108 2VXU4 54 sq in Tempco TSP02104 2VXU5 2 in 11 ½ in 1,500 W 120V AC 3 67 sq in Tempco TSP02088 2VXU4 54 sq in Tempco TSP02104 2VXU5 2 in 11 ½ in 3,000 W 120V AC 1 48 sq in Fempco TSP02088 2VXU4 54 sq in Tempco TSP02105 2VXU7 2 in 11 ½ in 3,000 W 120V AC 1 48 sq in Fempco TSP02088 2VXU4 54 sq in Tempco TSP02106 2VXU7 2 in 11 ½ in 3,000 W 240V AC 1 48 sq in Vulcan AUW230A 4282 — — — 2 in 11 ½ in 3,000 W 240V AC 3 65 sq in Tempco TSP02089 2VXV3 65 sq in Tempco TSP02107 2VXV5 2 in 16 in 7,500 W 240V AC 3 65 sq in Tempco TSP02089 2VXV7 65 sq in Tempco TSP02008 2VXV7 2 in 19 ½ in 5,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXV7 65 sq in Tempco TSP02008 2VXV9 2 in 19 ½ in 5,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXV7 65 sq in Tempco TSP02009 2VXV7 2 in 19 ½ in 5,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXV7 65 sq in Tempco TSP02009 2VXV8 2 in 19 ½ in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXV7 65 sq in Tempco TSP02009 2VXV8 2 in 19 ½ in 2 2 in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXVW 65 sq in Tempco TSP02009 2VXVW 2 in 2 2 in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXVW 65 sq in Tempco TSP02009 2VXVW 8 2 in 19 ½ in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXVW 65 sq in Tempco TSP02099 2VXVW 8 2 in 10,000 W 240V AC 3 65 sq in Tempco TSP02099 2VXVW 65 sq in T					1	84 sq in	Tempco	TSP03264		84 sq in			4E276
2 in 8 in 2,000 W 120V AC 1 48 sq in Vulcan AUW2208 4228 — — — — — — — — — — — — — — — — — —			1,500 W	240V AC				TSP03265	DIHIB			ASW115B	4E2//
2 in 8 in 2,000 W 240V AC 1 48 sq in Vulcan AUW220B 4E281 — — — — — — — — — — — — — — — — — — —			2,000 W	120V AC	1			1SP02084	2VX19				
2 in 10 in 3,000 W 240V AC 3 45 sq in Fempco TSP02085 2VXU 45 sq in Tempco TSP02103 2VXU 5 in 11 in 4,000 W 240V AC 3 67 sq in Tempco TSP02086 2VXU 45 sq in Tempco TSP02104 2VXU 5 in 11 in 5,000 W 240V AC 3 67 sq in Tempco TSP02087 2VXU 667 sq in Tempco TSP02105 2VXU 2 in 11 in 5,000 W 120V AC 1 48 sq in Vulcan AUW215A 2E931 7 — — — — — — — — — — — — — — — — — —			2,000 W	120V AC		48 SQ III	Vulcan	AUWZZUA	4E28U				
2 in					1			TSD02085					
2 in 11 in 5,000 W 240 V AC 3 67 sq in Tempco TSP02087 2VXU6 67 sq in Tempco TSP02105 2VXU7 2 in 11 ½ in 1,500 W 120 V AC 1 48 sq in Vulcan AUW215A 2E931			4 000 W	2407 AC				TSP02003	20002	54 cg in		TSP02103	27703
2 11 1½ in				240V AC	3	67 sq in		TSP02087	2VXII6			TSP02104	2VXII7
2 11 1½ in				480V AC	3	67 sq in	Tempco	TSP02088		67 sq in		TSP02106	2VXV1
2 in			1.500 W	120V AC	ĭ	48 sg in	Vulcan	AUW215A	2F931				
2 in 11 % in 3,000 W 240V AC 1 48 sq in Vulcan AUW230B 4E283 — — — — — — — — — — — — — — — — — — —	2 in		3,000 W	120V AC	1	48 sg in	Vulcan	AUW230A	4E282	_			_
2 in 16 in 7,500 W 240 V AC 3 65 sq in Tempco TSP02089 2VXV3 65 sq in Tempco TSP02008 2VXV9 2 in 16 in 7,500 W 480 V AC 3 65 sq in Tempco TSP02090 2VXV7 65 sq in Tempco TSP02008 2VXV9 2 in 19 34 in 5,000 W 240 V AC 1 48 sq in Vulcan AUW2508 2E932 — — — — — — — — — — — — — — — — — — —		11 % in	3,000 W	240V AC	1	48 sq in		AUW230B	4E283	_			
2 in 19 ¾ in 5,000 W 240V AC 1 48 sq in Vulcan AUW250B 2E932 — — — — — — — — — — — — — — — — — — —	2 in	16 in	7,500 W	240V AC		65 sq in		TSP02089	2VXV3	65 sq in		TSP02107	2VXV5
2 in 22 in 10,000 W 240V AC 3 61 sq in Tempco TSP02091 2VXW2 61 sq in Tempco TSP02009 2VXW8 2 in 22 in 10,000 W 480V AC 3 61 sq in Tempco TSP02092 2VXW8 61 sq in Tempco TSP02002 2VXW8 2 ½ in 32 ¼ in 12,000 W 480V AC 3 44 sq in Tempco TSP02093 2VXX1 44 sq in Tempco TSP02022 2VXX3 2 ½ in 47 % in 18,000 W 480V AC 3 44 sq in Tempco TSP02095 2VXX5 44 sq in Tempco TSP02108 2VXX7 Brass Screw Plug and Copper Sheath, Automatic Reset, Low Limit Cutout 1 in 9 ½ in 1,000 W 120V AC 1 31 sq in Vulcan WTP906A 2E927 — — — — — — — — — — — — — — — — — — —				480V AC	3		Tempco	TSP02090				TSP02008	2VXV9
2 ½ in 32 ¼ in 12,000 W 480V AC 3 44 sq in Tempco TSP02093 2VXX1 44 sq in Tempco TSP02108 2VXX3 2 ½ in 47 ¾ in 18,000 W 480V AC 3 44 sq in Tempco TSP02095 2VXX5 44 sq in Tempco TSP02110 2VXX7 Brass Screw Plug and Copper Sheath, Automatic Reset, Low Limit Cutout 1 in 9 ¼ in 1,000 W 120V AC 1 31 sq in Vulcan WTP910A 2E927 — — — — — — — — — — — — — — — — — — —				240V AC	1			AUW250B					
2 ½ in 32 ¼ in 12,000 W 480V AC 3 44 sq in Tempco TSP02093 2VXX1 44 sq in Tempco TSP02108 2VXX3 2 ½ in 47 ¾ in 18,000 W 480V AC 3 44 sq in Tempco TSP02095 2VXX5 44 sq in Tempco TSP02110 2VXX7 Brass Screw Plug and Copper Sheath, Automatic Reset, Low Limit Cutout 1 in 9 ¼ in 1,000 W 120V AC 1 31 sq in Vulcan WTP910A 2E927 — — — — — — — — — — — — — — — — — — —	2 in	22 in	10,000 W	240V AC		61 sq in	Tempco	TSP02091	2VXW2	61 sq in	Tempco	TSP02009	2VXW4
Brass Screw Plug and Copper Sheath, Automatic Reset, Low Limit Cutout 1 in 9 ½ in 1,000 W 120V AC 1 31 sq in Vulcan WTP906A 2E927 1 in 10 ½ in 1,500 W 120V AC 1 41 sq in Vulcan WTP910A 2E928 Stainless Steel Screw Plug and 304 SS Sheath 1 in 6 ½ in 750 W 120V AC 1 48 sq in Tempco TSP02011 2VYP8 48 sq in Tempco TSP02241 2VYR1 1 in 6 ½ in 750 W 120V AC 1 94 sq in Tempco TSP02227 2VYR3 70 sq in Tempco TSP02242 2VYR9 1 in 6 ½ in 1,500 W 120V AC 1 94 sq in Tempco TSP02227 2VYR3 70 sq in Tempco TSP02242 2VYR9 1 in 9 ¼ in 1,500 W 120V AC 1 94 sq in Tempco TSP02228 2VYR7 94 sq in Tempco TSP02242 2VYR9 1 in 9 ¼ in 1,500 W 120V AC 1 94 sq in Tempco TSP02230 2VYT2 63 sq in Tempco TSP02244 2VYT4 Stainless Steel Screw Plug and 316 SS Sheath 1 in 6 ½ in 1,500 W 120V AC 1 94 sq in Tempco TSP02230 2VYT2 63 sq in Tempco TSP02242 2VYR7 1 in 9 ¼ in 1,500 W 120V AC 1 94 sq in Tempco TSP02230 2VYT2 63 sq in Tempco TSP02244 2VYT4 Steel Screw Plug and Steel Sheath 1,000 W 120V AC 1 64 sq in Tempco TSP02793 2VYN9 63 sq in Tempco TSP02792 2VYN7 1 in 9 ¼ in 1,500 W 120V AC 1 64 sq in Tempco TSP02793 2VYN9 63 sq in Tempco TSP02795 2VYP6 Steel Screw Plug and Steel Sheath 1 in 12 ½ in 1,500 W 120V AC 1 21 sq in Tempco TSP02205 2VYP4 61 sq in Tempco TSP022795 2VYP6 1 in 12 ½ in 1,500 W 120V AC 1 23 sq in Tempco TSP02205 2VYH4 23 sq in Tempco TSP02216 2VYL2 1 in 18 ½ in 1,500 W 120V AC 1 23 sq in Tempco TSP02205 2VYH4 23 sq in Tempco TSP02216 2VYL2 2 in 18 in 3,000 W 240V AC 3 21 sq in Tempco TSP02209 2VYN3 21 sq in Tempco TSP02212 2VYN5 21 in Tempco TSP02212 2VYN5 21 in Tempco TSP02212 2VYN5	2 in		10,000 W	480V AC		61 sq in		TSP02092	2VXW6	61 sq in		TSP02022	2VXW8
Brass Screw Plug and Copper Sheath, Automatic Reset, Low Limit Cutout 1 in													
1 in 9 ½ in 1,500 W 120V AC 1 31 sq in Vulcan WTP9106A 2E927	Proce Serous	4/ 98 III	18,000 W	48UV AU	Limit Cutout	44 SQ III	тетрсо	15P02095	27772	44 SQ III	теттрсо	15P02110	ZVXXI
Stainless Steel Screw Plug and 304 SS Sheath Stainless Steel Screw Plug and 304 SS Sheath Stainless Steel Screw Plug and 304 SS Sheath			1 000 W	120\/ AC	Lilling Gutout		Vulcan	WTDOOGA	25027				_
1 in 6 % in 500 W 120V AC 1 48 sq in Tempco TSP02217 2VYR8 48 sq in Tempco TSP02241 2VYR1 in 6 % in 750 W 120V AC 1 70 sq in Tempco TSP02227 2VYR3 70 sq in Tempco TSP02295 2VYR5 1 in 6 % in 1,000 W 120V AC 1 94 sq in Tempco TSP02288 2VYR7 94 sq in Tempco TSP02295 2VYR9 1 in 9 ¼ in 1,500 W 120V AC 1 63 sq in Tempco TSP02288 2VYR7 94 sq in Tempco TSP02244 2VY14 Stainless Steel Screw Plug and 316 SS Sheath 1 in 6 % in 1,000 W 120V AC 1 94 sq in Tempco TSP02291 2VYN5 94 sq in Tempco TSP02244 2VY14 Stainless Steel Screw Plug and 316 SS Sheath 1 in 6 % in 1,000 W 120V AC 1 94 sq in Tempco TSP02291 2VYN5 94 sq in Tempco TSP02244 2VY174 Stainless Steel Screw Plug and 316 SS Sheath 1 in 9 ¼ in 1,500 W 120V AC 1 63 sq in Tempco TSP02791 2VYN5 94 sq in Tempco TSP02459 2VYP2 1¼ in 9 ¼ in 1,500 W 120V AC 1 63 sq in Tempco TSP02793 2VYN9 63 sq in Tempco TSP02459 2VYP6 Steel Screw Plug and Steel Sheath 1 in 12 % in 475 W 120V AC 1 21 sq in Tempco TSP02794 2VYP4 61 sq in Tempco TSP02795 2VYP6 Steel Screw Plug and Steel Sheath 1 in 12 ¼ in 1,500 W 120V AC 1 23 sq in Tempco TSP02205 2VY,14 23 sq in Tempco TSP02216 2VY,12 1¼ in 18 ½ in 1,500 W 120V AC 1 23 sq in Tempco TSP02205 2VY,14 23 sq in Tempco TSP02217 2VY,16 1¼ in 18 ½ in 1,500 W 120V AC 1 23 sq in Tempco TSP02205 2VY,14 23 sq in Tempco TSP02217 2VY,16 1¼ in 1,500 W 120V AC 1 23 sq in Tempco TSP02205 2VY,14 23 sq in Tempco TSP02210 2VY,16 1¼ in 1,500 W 120V AC 1 23 sq in Tempco TSP02205 2VY,14 23 sq in Tempco TSP02210 2VY,16 1¼ in 1,500 W 120V AC 3 21 sq in Tempco TSP02200 2VY,18 21 sq in Tempco TSP02220 2VY,16 2 in 18 in 3,000 W 240V AC 3 21 sq in Tempco TSP02201 2VY,17 21 sq in Tempco TSP02220 2VY,18 2 in 29 in 5,000 W 240V AC 3 21 sq in Tempco TSP02211 2VY,12 21 sq in Tempco TSP02223 2VY,18 2 in 29 in 5,000 W 240V AC 3 21 sq in Tempco TSP02213 2VY,18 2 in Tempco TSP02223	1 in	10 1/6 in	1,000 W	120V AC	- 1								
1 in 6 % in 500 W 120V AC 1 48 sq in Tempco TSP02217 2VYR8 48 sq in Tempco TSP02241 2VYR1 in 6 % in 750 W 120V AC 1 70 sq in Tempco TSP02227 2VYR3 70 sq in Tempco TSP02295 2VYR5 1 in 6 % in 1,000 W 120V AC 1 94 sq in Tempco TSP02288 2VYR7 94 sq in Tempco TSP02295 2VYR9 1 in 9 ¼ in 1,500 W 120V AC 1 63 sq in Tempco TSP02288 2VYR7 94 sq in Tempco TSP02244 2VY14 81 in 9 ¼ in 1,500 W 120V AC 1 94 sq in Tempco TSP02291 2VYR5 94 sq in Tempco TSP02244 2VY14 1 in 9 ¼ in 1,500 W 120V AC 1 94 sq in Tempco TSP02791 2VYN5 94 sq in Tempco TSP02294 2VYR7 1 in 9 ¼ in 1,500 W 120V AC 1 63 sq in Tempco TSP02791 2VYN5 94 sq in Tempco TSP0244 2VYY74 1 in 9 ¼ in 1,500 W 120V AC 1 63 sq in Tempco TSP02793 2VYN9 63 sq in Tempco TSP02459 2VYP2 1 ¼ in 9 ¼ in 2,000 W 120V AC 1 63 sq in Tempco TSP02794 2VYP4 61 sq in Tempco TSP02459 2VYP5 8	Stainless St	eel Screw Plug a	nd 304 SS Shea	ath		7134111	vulcan		LLJLU				
Stanless Steel Screw Plug and 316 SS Sheath		6 3/8 in	500 W	120V AC	1	48 sq in	Tempco	TSP02011	2VYP8	48 sa in	Tempco	TSP02241	2VYR1
Stanless Steel Screw Plug and 316 SS Sheath			750 W	120V AC	1	70 sq in		TSP02227	2VYR3			TSP02295	2VYR5
Stanless Steel Screw Plug and 316 SS Sheath	1 in	6 % in	1,000 W	120V AC	1	94 sq in	Tempco	TSP02228	2VYR7		Tempco	TSP02242	2VYR9
Stanless Steel Screw Plug and 316 SS Sheath					1	63 sq in	Tempco	TSP02230	2VYT2	63 sq in	Tempco	TSP02244	2VYT4
1 in 9 ¼ in 1,500 W 120V AC 1 63 sq in Tempco TSP02793 2VYN9 63 sq in Tempco TSP02459 2VYP2			nd 316 SS Shea	ath									
1½ in 9½ in 2,000 W 120V AC 1 61 sq in Tempco TSP02794 2VYP4 61 sq in Tempco TSP02795 2VYP6					1 1			TSP02791				TSP02792	2VYN7
Steel Screw Plug and Steel Sheath 12 % in								TSP02793		63 sq in			
1 in 12 % in 475 W 120V AC 1 21 sq in Tempco TSP02204 2VYH9 21 sq in Tempco TSP02216 2VYJ2 1 ½ in 1 2 ¾ in 1,000 W 120V AC 1 23 sq in Tempco TSP02208 2VYJ3 23 sq in Tempco TSP02217 2VYJ6 1 ½ in 18 ½ in 1,500 W 120V AC 1 23 sq in Tempco TSP02208 2VYJ3 23 sq in Tempco TSP02217 2VYJ6 2 in 11 ¾ in 1,500 W 120V AC 1 23 sq in Vulcan AU0215A 2E933	1 ½ in	9 ½ in	2,000 W	120V AC	1	61 sq in	lempco	TSP02794	2VYP4	61 sq in	lempco	TSP02795	2VYP6
1 ½ in 18 ½ in 1,500 W 120V AC 1 23 sq in Tempco TSP02208 2VYL8 23 sq in Tempco TSP02220 2VYK1 2 in 11 ¾ in 1,500 W 120V AC 1 23 sq in Vulcan AU0215A 2F933 — — — — — — — — — — — — — — — — — —			neatn	100// 40	-	Od on in	Tompoo	TCDOOOA	OVALIO	Ot on in	Tomnoo	TCD00016	2000 12
1 ½ in 18 ½ in 1,500 W 120V AC 1 23 sq in Tempco TSP02208 2VYL8 23 sq in Tempco TSP02220 2VYK1 2 in 11 ¾ in 1,500 W 120V AC 1 23 sq in Vulcan AU0215A 2F933 — — — — — — — — — — — — — — — — — —				120V AC		21 SQ III	Tompoo	TSP02204				TCD02217	20175
2 in 11 ¾ in 1,500 W 120V AC 1 23 sq in Vulcan AU0215A 2E933 — — — — — — — — — — — — — — — — — —			1,000 W	120V AC	- 1	23 Sq III	Tempco	TSP02203	2VV I8	23 Sq III		TSP02217	2VVK1
2 in 29 in 5,000 W 240V AC 3 21 sq in Tempco TSP02210 2VYK7 21 sq in Tempco TSP02222 2VYK9 21 in 29 in 5,000 W 480V AC 3 21 sq in Tempco TSP02211 2VYL2 21 sq in Tempco TSP02223 2VYL4 2 in 40 % in 5,000 W 240V AC 1 23 sq in Vulcan AU0250B 2E934 — — — — — — — — — — — — 2 in 43 ½ in 7,500 W 480V AC 3 21 sq in Tempco TSP02213 2VYL6 21 sq in Tempco TSP02010 2VYL8		11 3/4 in	1,500 W	120V AC	- i			ALIO215A	2F933			- 101 02220	
2 in 29 in 5,000 W 240V AC 3 21 sq in Tempco TSP02210 2VYK7 21 sq in Tempco TSP02222 2VYK9 21 in 29 in 5,000 W 480V AC 3 21 sq in Tempco TSP02211 2VYL2 21 sq in Tempco TSP02223 2VYL4 2 in 40 % in 5,000 W 240V AC 1 23 sq in Vulcan AU0250B 2E934 — — — — — — — — — — — 2 in 43 ½ in 7,500 W 480V AC 3 21 sq in Tempco TSP02213 2VYL6 21 sq in Tempco TSP02010 2VYL8					3	21 sq in		TSP02209				TSP02221	2VYK5
2 in 29 in 5,000 W 480V AC 3 21 sq in Tempco TSP02211 2VYL2 21 sq in Tempco TSP02223 2VYL4 2 in 40 % in 5,000 W 240V AC 1 23 sq in Vulcan AU02508 2E934 — — — — — — — — — — — — — — — — — — —		29 in	5,000 W	240V AC		21 sq in	Tempco	TSP02210	2VYK7	21 sq in		TSP02222	2VYK9
2 in 40 % in 5,000 W 240V AC 1 23 sq in Vulcan AU0250B 2E934 — — — — — — — — — — — — — — — — — — —		29 in	5,000 W	480V AC	3	21 sq in	Tempco	TSP02211	2VYL2			TSP02223	
2 in 43 ½ in 7,500 W 480V AC 3 21 sq in Tempco TSP02213 2VYL6 21 sq in Tempco TSP02010 2VYL8		40 % in	5,000 W	240V AC	1	23 sq in	Vulcan	AU0250B	2E934			_	
2 in 57 ½ in 10,000 W 480V AC 3 21 sq in Tempco TSP02215 2VYN1 21 sq in Tempco TSP02226 2VYN3	2 in	43 ½ in	7,500 W	480V AC	3	21 sq in		TSP02213	2VYL6	21 sq in		TSP02010	2VYL8
	2 in	57 ½ in	10,000 W	480V AC	3	21 sq in	Tempco	TSP02215	2VYN1	21 sq in	Tempco	TSP02226	2VYN3



TEMPCO Vulcan

Drum Immersion and Bottom-Outlet Heaters

Single phase

Drum Immersion—Include flange for mounting in 2" bung opening.

Over-the-Side—Feature sludge legs to elevate element off bottom of open container.

Bottom-Outlet—4" metal housing protects heater termination. Ring clamp mounting design with a bronze flange for mounting in a 27/16"-dia. hole.

Sanitizing Sink/Tank Immersion—

Adjustable stainless steel mounting bracket and 6-ft. cord set with polarized plug included.

Watts	Watt Density	Sheath Material	Overall Length*	Riser Height	Control Range	Heater Voltage	Brand	Mfr. Model	ltem No.		
Drum Immersion Heaters											
1,000 W	8.27 W/ sq in	Stainless Steel	19 ½ in	36 in	60° to 250°F	120V AC	Tempco	TAT30002	2VYH2		
4,000 W	32 W/ sq in	Stainless Steel	19 ½ in	36 in	60° to 250°F	240V AC	Tempco	TAT30001	2VYH4		
1,000 W	8.27 W/ sq in	Steel	19 ½ in	36 in	60° to 250°F	120V AC	Tempco	TAT30005	2VYH6		
4,000 W	32 W/ sq in	Steel	19 ½ in	36 in	60° to 250°F	240V AC	Tempco	TAT30006	2VYH8		
Over-the-Side Immersion Heaters											
9,000 W		Incoloy(R)	17 in	36 in	_	240V AC	Vulcan	TIB-39TB	3HT86	E	
12,000 W		Incoloy(R)	40 1/4 in	54 in	_	240V AC	Vulcan	TI-312TB	3HT66	_	
6,000 W		Steel	40 1/4 in	54 in	_	240V AC		TS-36TB	3HT90		
3,000 W		Incoloy(R)	13 in	36 in	_	240V AC		TI-33TB	3HT72		
9,000 W	40 sq in	Incoloy(R)	31 1/8 in	36 in	_	240V AC	Vulcan	TI-39TB	3HT75		
3,000 W	40 sq in	Incoloy(R)	10 ¾ in	36 in	_	240V AC		TIB-33TB	3HT83		
6,000 W		Steel	20 in	54 in	_	240V AC	Vulcan	TSB-36TB	3HT95		
		nersion Hea									
	34 sq in	Copper	7 ½ in	_	_	120V AC		ANW115	2E929	L	
5,000 W		Copper	12 ⅓ in	_	_	240V AC	Vulcan	ANW250	2E930	Ł	
Sanitizing Sink/Tank Immersion Heaters											
	14 sq in	316 SS	32 ½ in	26 in	60° to 250°F				6THU3		
1,500 W	16 sq in	316 SS	32 ½ in	26 in	60° to 250°F			TAT40007	6THU4	_	
4,000 W		316 SS	32 ½ in	26 in	60° to 250°F	240V AC	Tempco	TAT40006	6THU5		
6,000 W		316 SS	32 ½ in	26 in	60° to 250°F				6THU6		
6,000 W	51 sq in	316 SS		39 ¾ in				TAT40017	6THU7		
1,440 W		316 SS		39 ¾ in	55° to 115°F				6THU8		
* Refers to length of heated element. † Circular element configuration; Overall Length indicates diameter.											

Sanitizing

Sink/Tank

Immersion

2936