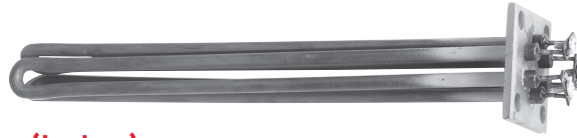


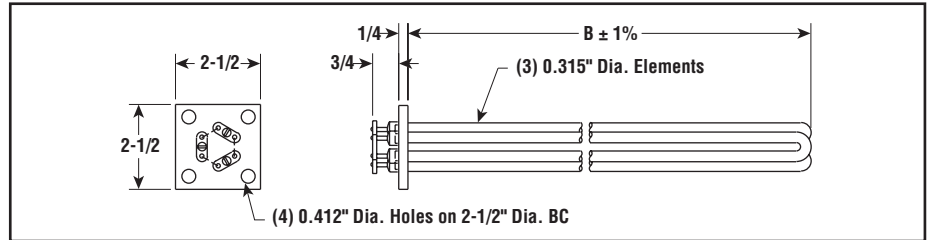
TTSF Boiler & Water Applications

- 2-1/2 x 2-1/2" Square Brass or Steel Flange
- Copper or INCOLOY® Sheath Elements
- High Watt Densities (See Table)
- 5 - 18 kW
- 208, 240 and 480 Volt, Three Phase

"Under the U.S. Federal Safe Drinking Water Act, it is unlawful to install or use this product in any service that comes into contact with water for human consumption (including drinking, food or beverage preparation, hand washing, or teeth brushing). This product is intended exclusively for use in non-potable service."



Dimensions (Inches)



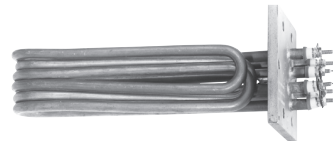
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Specifications and Ordering Information

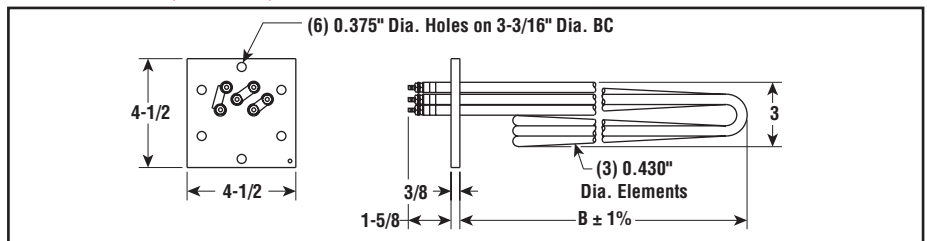
kW	Volts	W/In ²	CKT & Phase	DIM B (In.)	Model	Stock	PCN	Wt. (Lbs.)
Steam Boiler — INCOLOY® Sheath Elements — Steel Flange								
5	208	93	1 - 3	12	TTSFISF-317-50B	NS	203123	2
5	240	93	1 - 3	12	TTSFISF-317-50B	NS	203131	2
10	208	78	1 - 3	24-7/16	TTSFISF-317-100B	NS	202526	3
10	240	78	1 - 3	24-7/16	TTSFISF-317-100B	S	202534	3
10	480	78	1 - 3	24-7/16	TTSFISF-317-100B	S	202542	3
15	208	81	1 - 3	34	TTSFISF-317-150B	NS	202497	4
15	240	81	1 - 3	34	TTSFISF-317-150B	NS	202500	4
15	480	81	1 - 3	34	TTSFISF-317-150B	S	202489	4
Water — Copper Sheath Elements — Brass Flange								
13.5	208	184	1 - 3	13-7/16	TTSFBBF-310-135	NS	292550	2
13.5	480	184	1 - 3	13-7/16	TTSFBBF-310-135	NS	292568	2
15	480	155	1 - 3	17-7/16	TTSFBBF-310-150	S	292541	3
18	480	153	1 - 3	21-1/16	TTSFBBF-310-180	S	292533	4
Stock Status: S = stock NS = non-stock To Order —Specify model, PCN, kW, volts, phase and quantity.								

WCSF Boiler Replacement Elements

- 4-1/2 x 4-1/2" Square Steel Flange with Zinc Coating
- Copper Sheath Elements
- High Watt Densities (See Table)
- 12 - 22.5 kW
- 208, 240 and 480 Volt, Three Phase



Dimensions (Inches)



Specifications and Ordering Information

kW	Volts	W/In ²	CKT & Phase	DIM B (In.)	Model	Stock	PCN	Wt. (Lbs.)
12	208	80	1 - 3	10-3/8	WCSF-347-120B-45	NS	800278	6
12	240	80	1 - 3	10-3/8	WCSF-347-120B-45	NS	800155	6
12	480	80	1 - 3	10-3/8	WCSF-347-120B-45	NS	807189	6
17	208	109	1 - 3	10-3/8	WCSF-345-170B-45	NS	807576	6
17	240	109	1 - 3	10-3/8	WCSF-345-170B-45	NS	807517	6
17	480	109	1 - 3	10-3/8	WCSF-345-170B-45	NS	807091	6
20	208	131	1 - 3	10-3/8	WCSF-340-200B-45	NS	810687	6
20	240	131	1 - 3	10-3/8	WCSF-340-200B-45	NS	810695	6
20	480	131	1 - 3	10-3/8	WCSF-340-200B-45	NS	806397	6
22.5	480	99	1 - 3	15-5/16	WCSF-347-225B-45	NS	809192	6
Stock Status: S = stock NS = non-stock To Order —Specify model, PCN, kW, volts, phase and quantity.								