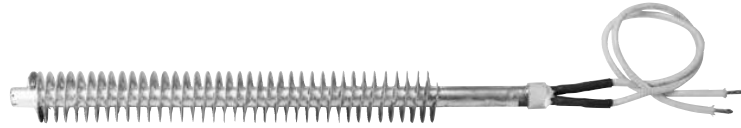


Process Air and Radiant

SFTS & SFTI

.475" Dia. Single End Fintube® Heaters



- Steel Sheath (type SFTS)
- MONEL® Sheath (type SFTI)
- 500 - 4,350 Watts
- 120, 240 and 480 Volt
- 60 W/In²
- 750°F Max. Sheath Temp. (type SFTS)
- 900°F Max. Sheath Temp. (type SFTI)

Applications

Best suited for the following applications where space is limited.

- Drying
- Heat Treating
- Annealing
- Load Banks
- Curing Ovens, Dryers, Ducts, etc.

Advantages

Versatile — Ideal for both comfort and industrial process air applications.

Single-End Terminals simplify wiring and eliminate the need for return wire.

Install More Elements in Same Space as standard, double-end Fintube®.

No Bending required to put all terminals in the same plane.

Smaller Heating Duct or Chamber in some cases.

Construction — Element is constructed like the standard single-end tubular element with the addition of continuous spiral fins (4 - 5 per inch) permanently furnace brazed to the sheath.

Fins greatly increase surface area and permit faster heat transfer to the air, resulting in lower element surface temperatures.

High Watt Density permits use of fewer elements or higher concentration of installed kW for a given area.

Lead Wires, 10" long, with silicone-impregnated Fiberglas® sleeves. Maximum wire temperature is 200°C.

Leads are attached to terminals inside a ceramic terminal bushing.

Application Tips

Terminal Block should be on outside of duct or heating area.

Element Supports should be provided for every two feet of element length.

Work Temperatures — See Allowable Watt Density & Heater Selection Graphs G-151 through G-156 in Technical section.

Special Features — Sheath material, threaded fittings, length, volts, watts, brackets, etc. Contact your Local Chromalox Sales office for price and availability.

Bending is not recommended for single end elements. Contact your Local Chromalox Sales office.

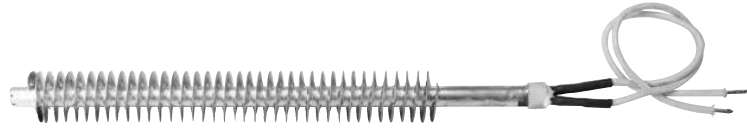
Stainless Steel Sheath — Optional. Contact your Local Chromalox Sales office for price and availability.

FINTUBE®

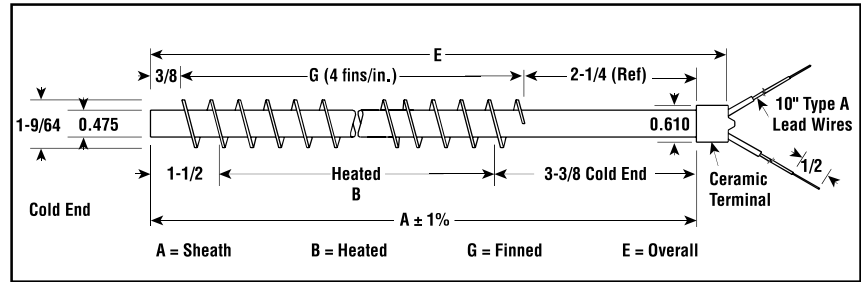
Process Air and Radiant

SFTS & SFTI

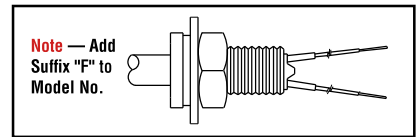
.475" Dia. Single End Fintube® Heaters
(cont'd.)



Dimensions (Inches)



Terminal End with Fitting



Specifications and Ordering Information

Watts	W/In ²	Volts	Dimensions (In.)				Model	Stock	PCN	Model	Stock	PCN	Wt. (Lbs.)
			A	B	E	G							
500	47	120	11-3/4	7-1/8	12-5/8	9-3/8	SFTS-12475	NS	222279	SFTI-12475	NS	222906	1
500	47	240	11-3/4	7-1/8	12-5/8	9-3/8	SFTS-12475	NS	222287	SFTI-12475	NS	222914	1
975	59	120	15-3/4	11-1/8	16-5/8	13-3/8	SFTS-16475	NS	222295	SFTI-16475	NS	222922	1
975	59	240	15-3/4	11-1/8	16-5/8	13-3/8	SFTS-16475	NS	222308	SFTI-16475	NS	222930	1
1,200	41	120	19-3/4	15-1/8	20-5/8	17-3/8	SFTS-20475	NS	222316	SFTI-20475	NS	222949	2
1,200	41	240	19-3/4	15-1/8	20-5/8	17-3/8	SFTS-20475	NS	222324	SFTI-20475	NS	222957	2
1,200	41	480	19-3/4	15-1/8	20-5/8	17-3/8	SFTS-20475	NS	222332	SFTI-20475	NS	222965	2
1,675	59	120	23-3/4	19-1/8	24-5/8	21-3/8	SFTS-24475	NS	222340	SFTI-24475	NS	222973	2
1,675	59	240	23-3/4	19-1/8	24-5/8	21-3/8	SFTS-24475	NS	222359	SFTI-24475	NS	222981	2
1,675	59	480	23-3/4	19-1/8	24-5/8	21-3/8	SFTS-24475	NS	222367	SFTI-24475	NS	222990	2
1,975	57	120	27-3/4	23-1/8	28-5/8	25-3/8	SFTS-28475	NS	222375	SFTI-28475	NS	223001	2
1,975	57	240	27-3/4	23-1/8	28-5/8	25-3/8	SFTS-28475	NS	222383	SFTI-28475	NS	223010	2
1,975	57	480	27-3/4	23-1/8	28-5/8	25-3/8	SFTS-28475	NS	222391	SFTI-28475	NS	223028	2
2,150	53	120	31-3/4	27-1/8	32-5/8	29-3/8	SFTS-32475	NS	222404	SFTI-32475	NS	223036	3
2,300	57	240	31-3/4	27-1/8	32-5/8	29-3/8	SFTS-32475	NS	222412	SFTI-32475	NS	223044	3
2,300	57	480	31-3/4	27-1/8	32-5/8	29-3/8	SFTS-32475	NS	222420	SFTI-32475	NS	223052	3
2,100	45	120	35-3/4	31-1/8	36-5/8	33-3/8	SFTS-36475	NS	222439	SFTI-36475	NS	223060	3
2,700	58	240	35-3/4	31-1/8	36-5/8	33-3/8	SFTS-36475	NS	222447	SFTI-36475	NS	223079	3
2,700	58	480	35-3/4	31-1/8	36-5/8	33-3/8	SFTS-36475	NS	222455	SFTI-36475	NS	223087	3
1,950	37	120	39-3/4	35-1/8	40-5/8	37-3/8	SFTS-40475	NS	222463	SFTI-40475	NS	223095	3
3,150	60	240	39-3/4	35-1/8	40-5/8	37-3/8	SFTS-40475	NS	222471	SFTI-40475	NS	223108	3
3,150	60	480	39-3/4	35-1/8	40-5/8	37-3/8	SFTS-40475	NS	222480	SFTI-40475	NS	223116	3
1,750	30	120	43-3/4	39-1/8	44-5/8	41-3/8	SFTS-44475	NS	222498	SFTI-44475	NS	223124	3
3,500	60	240	43-3/4	39-1/8	44-5/8	41-3/8	SFTS-44475	NS	222500	SFTI-44475	NS	223132	3
3,500	60	480	43-3/4	39-1/8	44-5/8	41-3/8	SFTS-44475	NS	222519	SFTI-44475	NS	223140	3
1,575	25	120	47-3/4	43-1/8	48-5/8	45-3/8	SFTS-48475	NS	222527	SFTI-48475	NS	223159	4
3,850	60	240	47-3/4	43-1/8	48-5/8	45-3/8	SFTS-48475	NS	222535	SFTI-48475	NS	223167	4
3,850	60	480	47-3/4	43-1/8	48-5/8	45-3/8	SFTS-48475	NS	222543	SFTI-48475	NS	223175	4
1,450	21	120	51-3/4	47-1/8	52-5/8	49-3/8	SFTS-52475	NS	222551	SFTI-52475	NS	223183	4
4,225	60	240	51-3/4	47-1/8	52-5/8	49-3/8	SFTS-52475	NS	222560	SFTI-52475	NS	223191	4
4,225	60	480	51-3/4	47-1/8	52-5/8	49-3/8	SFTS-52475	NS	222578	SFTI-52475	NS	223204	4
1,325	17	120	55-3/4	51-1/8	56-5/8	53-3/8	SFTS-56475	NS	222586	SFTI-56475	NS	223212	4
4,400	58	240	55-3/4	51-1/8	56-5/8	53-3/8	SFTS-56475	NS	222594	SFTI-56475	NS	223220	4
4,400	58	480	55-3/4	51-1/8	56-5/8	53-3/8	SFTS-56475	NS	222607	SFTI-56475	NS	223239	4
1,225	15	120	59-3/4	55-1/8	60-5/8	57-3/8	SFTS-60475	NS	222615	SFTI-60475	NS	223247	5
4,350	53	240	59-3/4	55-1/8	60-5/8	57-3/8	SFTS-60475	NS	222623	SFTI-60475	NS	223255	5
4,350	53	480	59-3/4	55-1/8	60-5/8	57-3/8	SFTS-60475	NS	222631	SFTI-60475	NS	223263	5

Stock Status: S = stock NS = non-stock
To Order—Specify model, PCN, watts, volts and quantity.