



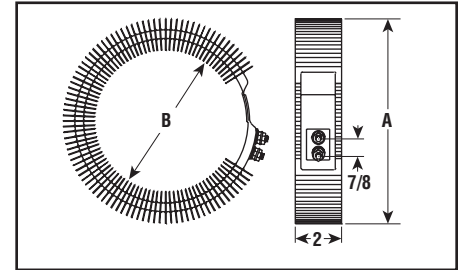
## KSEF

### Preformed Circular Finstrip® Air Duct Heater

- Rust-Resisting Iron or MONEL® Sheath and Fins
- 1,950 - 5,000 Watts
- 120 and 240 Volt
- Single Phase



Dimensions (Inches)



#### Applications

- Heat moving Air or Gas in Round Ducts
- Booster Heater in Process and Comfort Heating Ducts
- Convert existing Forced Air Dryers and Ovens

#### Application & Selection Guidelines

**Maximum Work Temperatures** — Finstrip® elements can generally be used in the following applications at maximum temperatures, without exceeding their capability, if properly installed according to instructions packed with heaters.

Air Velocity (Ft./Sec.)	Max. Outlet Air Temp. (°F)	
	Iron Sheath	MONEL® Sheath
4	—	250
9	150	370
16	250	450

**Note** — Maximum temperatures are based on 25 W/in<sup>2</sup>. If elements have a lower watt density, work temperature may be increased; if watt density is higher, work temperature should be lower.

**Note** — See Allowable Watt Density & Heater Selection Graphs G-107S and G-108S in the Technical section of this catalog.

#### Features

**Durability** is assured by rugged Chromalox strip heater with locked-on fins.

**Rapid Heat Transfer** to air from large finned area.

**Nested Elements** — Elements may be nested.

**Open Construction** — Requires mounting brackets to be fabricated by user.

#### Specifications and Ordering Information

Watts	W/in <sup>2</sup>	Volts	Dimensions (In.)		Model	Stock	PCN	Wt. (Lbs.)
			A	B				
<b>Rust-Resisting Iron Sheath — for Max. Sheath Temp. to 750°F</b>								
1,950	27	120	8-7/8	6-1/8	KSEF-24	NS	255548	3
1,950	27	240	8-7/8	6-1/8	<b>KSEF-24</b>	<b>S</b>	<b>255556</b>	3
2,500	26	120	10-3/4	8	KSEF-30	NS	255564	4
2,500	26	240	10-3/4	8	<b>KSEF-30</b>	<b>S</b>	<b>255572</b>	4
3,100	27	240	12-1/2	9-3/4	KSEF-36	NS	255580	5
3,700	26	240	14-1/2	11-3/4	KSEF-43	NS	255599	6
<b>MONEL® Sheath and Fins — for Max. Sheath Temp. to 900°F</b>								
1,950	27	120	8-7/8	6-1/8	KSEF-240M	NS	255601	3
1,950	27	240	8-7/8	6-1/8	KSEF-240M	NS	255610	3
2,500	26	120	10-3/4	8	KSEF-300M	NS	255628	4
2,500	26	240	10-3/4	8	KSEF-300M	NS	255636	4
3,100	27	240	12-1/2	9-3/4	KSEF-360M	NS	255644	5
3,700	26	240	14-1/2	11-3/4	KSEF-430M	NS	255652	6
4,000	25	240	16-1/4	13-1/2	KSEF-480M	NS	255660	7
4,500	25	240	18-1/4	15-1/2	KSEF-540M	NS	255679	8
5,000	23	240	21-5/8	18-7/8	KSEF-640M	NS	256911	10

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

**Note** — Chromalox can supply other sizes and ratings. Contact your Local Chromalox Sales office.

FINSTRIP®