

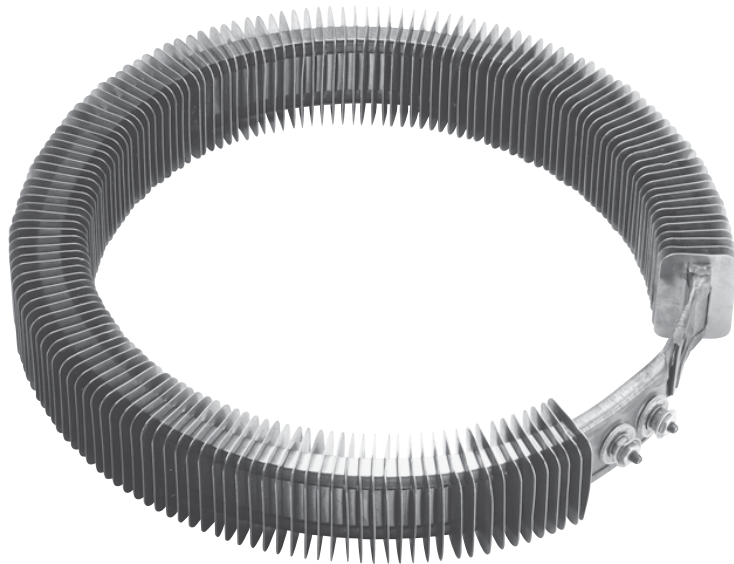
# COILED FINNED ELEMENTS FOR ROUND DUCTWORK

KSEF Series



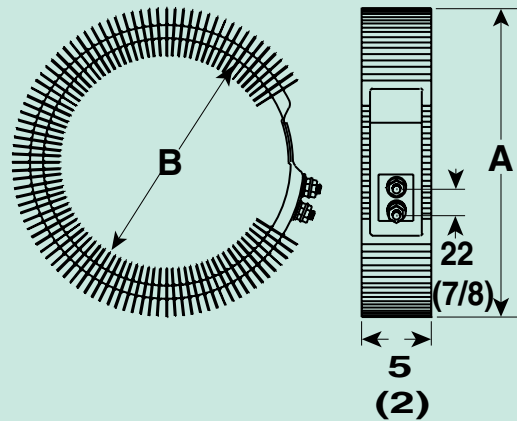
- ✓ Rugged, Reliable, Premium Quality
- ✓ Preformed Circular Finned Strip Units for Round Ducts

- ✓ 1950 to 5000 Watts
- ✓ 120 and 240 Volt Units
- ✓ Excellent Heat Transfer Capabilities



**CAUTION AND WARNING!**  
Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warnings.

Dimensions cm (inches)



## FEATURES

**KSEF Series is open construction;** requires mounting brackets to be fabricated by user.

**Elements may be nested** inside of each other, with adequate clearance.

**Controls.** For thermostatic control (AR thermostat) and overheat protection (Type ARC), visit OMEGA online

**Alloy wire or bus bar** should be used for power connections

## APPLICATION

Heating moving air or gas in a round duct

## SPECIFICATIONS

**Sheath Material:** iron or monel

**Fin Material:** iron sheath - aluminized steel; monel sheath - monel

**Power:** 120 or 240 Vac

## Maximum Sheath and Work Temperatures: Free Air

Iron sheath 107°C (225°F)  
Chrome-steel sheath 157°C (315°F)

**Moving Air** – air velocity at 16 fps  
Iron sheath 238°C (460°F)  
Chrome steel sheath 296°C (565°F)

## To Order

Watts	W/in <sup>2</sup>	Dimensions cm (in)		Model Number	Wt. (lb)
		A	B		
<b>Type KSEF — Rust-Resistant Iron Sheath</b>					
1950	27	22.5 (8 <sup>5</sup> / <sub>8</sub> )	15.6 (6 <sup>1</sup> / <sub>8</sub> )	KSEF-24/*	3
2500	26	27.3 (10 <sup>3</sup> / <sub>4</sub> )	20.3 (8)	KSEF-30/*	4
3100	27	31.8 (12 <sup>1</sup> / <sub>2</sub> )	24.4 (9 <sup>3</sup> / <sub>4</sub> )	KSEF-36/240	5
3700	26	57.2 (14 <sup>1</sup> / <sub>2</sub> )	29.8 (11 <sup>3</sup> / <sub>4</sub> )	KSEF-43/240	6
<b>Type KSEF — Monel Sheath</b>					
1950	27	22.5 (8 <sup>5</sup> / <sub>8</sub> )	15.6 (6 <sup>1</sup> / <sub>8</sub> )	KSEF-240M/*	3
2500	26	27.3 (10 <sup>3</sup> / <sub>4</sub> )	20.3 (8)	KSEF-300M/*	4
3100	27	31.8 (12 <sup>1</sup> / <sub>2</sub> )	24.4 (9 <sup>3</sup> / <sub>4</sub> )	KSEF-360M/240	5
3700	26	57.2 (14 <sup>1</sup> / <sub>2</sub> )	29.8 (11 <sup>3</sup> / <sub>4</sub> )	KSEF-430M/240	6
4000	25	41.3 (16 <sup>1</sup> / <sub>4</sub> )	34.3 (13 <sup>1</sup> / <sub>2</sub> )	KSEF-480M/240	7
4500	25	46.4 (18 <sup>1</sup> / <sub>4</sub> )	39.4 (15 <sup>1</sup> / <sub>2</sub> )	KSEF-540M/240	8
5000	23	54.9 (21 <sup>5</sup> / <sub>8</sub> )	47.9 (18 <sup>3</sup> / <sub>4</sub> )	KSEF-640M/240	10

/\* Specify voltage, insert 120 for 120 Vac or 240 for 240 Vac. Model numbers containing /120 or /240 are only available in that voltage.

OMEGALUX can supply other sizes and ratings. Call sales.