

# AIR DUCT HEATERS FOR ROUND DUCTWORK

## DAB Series with Metal Enclosure



- ✓ Rugged, Reliable, Premium Quality
- ✓ 2500 to 5000 Watts
- ✓ 240 Volts
- ✓ 2.5, 3, 4 and 5 kW Units

### FEATURES

**Easy installation in round duct.**  
The DAB Series is a coiled finned element complete with sheet metal enclosure. Flange permits easy gauging of units to augment heating capacity.

**Air is forced over elements only.**  
The center openings of all DAB units may be enclosed with a sheet metal baffle furnished with the unit. When a number of units are interconnected, the center opening of just the first and last heater in the series are closed.

**Controls.** For thermostatic control (AR thermostat) and overheat protection (Type ARC), see Controls Section P.

**Alloy wire or bus bar** should be used for power connections. (See Section Q)

Mounting gaskets are supplied with each heater to minimize air leakage between the heater and mounting surface or between heaters. Gasket material is non-asbestos.

### SPECIFICATIONS

**Sheath Material:** iron or monel

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

**Power:** 240 Vac

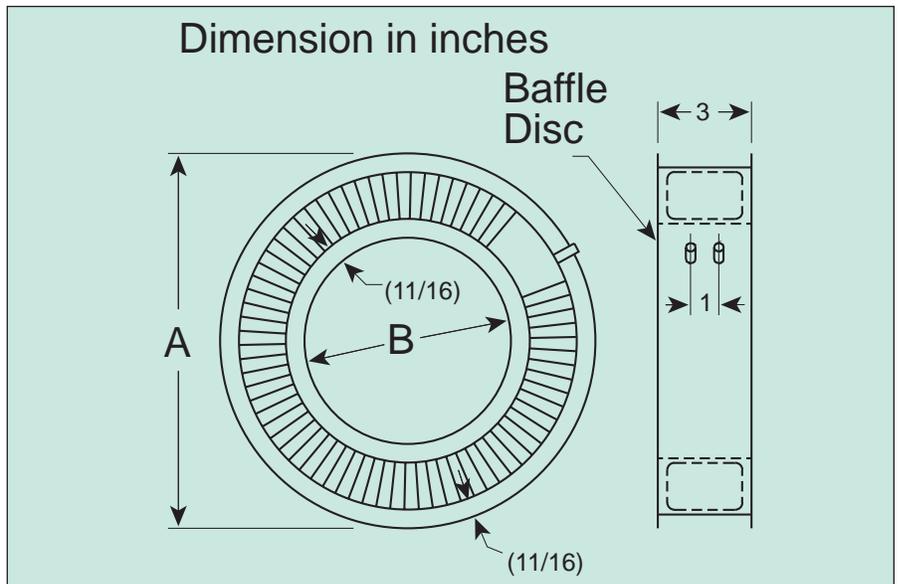
**Maximum Sheath and Work Temperatures: Free Air**

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)  
(See page C-21 for more details)

#### 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.



### To Order (Specify Model Number) MODEL HIGHLIGHTED IN STOCK!

Watts	W/in <sup>2</sup>	Volts	Dimensions cm (in)		Model Number	Price	Wt. (lb)
			A	B			
<b>DAB Series — Rust-Resistant Iron Sheath</b>							
2500	27	240	31.0 (12 <sup>3</sup> / <sub>16</sub> )	16.7 (6 <sup>5</sup> / <sub>16</sub> )	<b>DAB-30</b>	<b>\$568</b>	6
3000	27	240	35.4 (13 <sup>15</sup> / <sub>16</sub> )	21.1 (8 <sup>5</sup> / <sub>16</sub> )	<b>DAB-36</b>	<b>695</b>	10
4000	25	240	44.9 (17 <sup>11</sup> / <sub>16</sub> )	30.6 (12 <sup>1</sup> / <sub>16</sub> )	<b>DAB-48</b>	<b>953</b>	14
5000	27	240	50.0 (19 <sup>11</sup> / <sub>16</sub> )	35.7 (14 <sup>1</sup> / <sub>16</sub> )	<b>DAB-54</b>	<b>1220</b>	16
<b>DAB Series — Monel Sheath</b>							
2500	27	240	31.0 (12 <sup>3</sup> / <sub>16</sub> )	16.7 (6 <sup>5</sup> / <sub>16</sub> )	<b>DAB-30M</b>	<b>748</b>	6
3000	27	240	35.4 (13 <sup>15</sup> / <sub>16</sub> )	21.1 (8 <sup>5</sup> / <sub>16</sub> )	<b>DAB-36M</b>	<b>904</b>	10
4000	25	240	44.9 (17 <sup>11</sup> / <sub>16</sub> )	30.6 (12 <sup>1</sup> / <sub>16</sub> )	<b>DAB-48M</b>	<b>1225</b>	14
5000	27	240	50.0 (19 <sup>11</sup> / <sub>16</sub> )	35.7 (14 <sup>1</sup> / <sub>16</sub> )	<b>DAB-54M</b>	<b>1501</b>	16

**Ordering Example:** DAB-30M Monel sheath round air duct heater, \$748.

OMEGALUX can supply other sizes and ratings. contact sales at 1-800-826-6342

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