

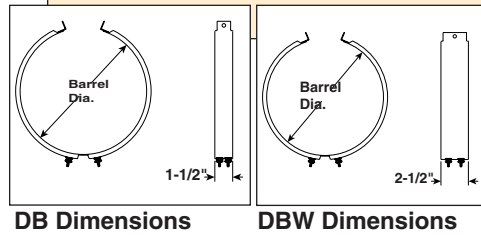
# ONE-PIECE BAND HEATERS

## 4 & 6 cm (1½ & 2½") Wide DB & DBW Series

- ✓ Rugged, Reliable, Heavy Duty
- ✓ 13 to 32 cm (5 to 12½") Barrel Diameter
- ✓ Barrel Temperatures Up to 482°C (900°F)

### APPLICATIONS

- ✓ Heating barrels of plastic injection molding machines and extruders
- ✓ Die and die holder heating of plastic extruders and blow molding machines
- ✓ Any application requiring heat applied to a cylindrical surface
- ✓ Burn-out ovens
- ✓ Heated kettles
- ✓ Fluidized beds
- ✓ Heat treating pipes
- ✓ Autoclaves



### MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)					
Watts	W/In <sup>2</sup>	Barrel Dia. cm (in)	Model No.	Price	Wt. kg (lbs.)
<b>DB- 4 cm (1½"), 240/480 volts**</b>					
770	33	13 (5)	DB-050772	\$61	0.7 (1.50)
1000	42	14 (5½)	DB-054102	63	0.8 (1.75)
750	27	15 (6)	DB-060752	66	0.9 (2.00)
1000	33	17 (6½)	DB-064102	68	0.9 (2.00)
1000	30	18 (7)	DB-070102	71	0.9 (2.00)
1250	35	19 (7½)	DB-074122	73	0.9 (2.00)
1200	32	20 (8)	DB-080122	75	0.9 (2.00)
1600	40	22 (8½)	DB-084162	78	1.1 (2.50)
1500	35	23 (9)	DB-090152	81	1.1 (2.50)
1700	38	24 (9½)	DB-094172	84	1.4 (3.00)
1800	38	25 (10)	DB-100182	87	1.4 (3.00)
1200	24	27 (10½)	DB-104122	91	1.4 (3.00)
2100	39	29 (11½)	DB-114212	100	1.4 (3.00)
1500	25	32 (12½)	DB-124152	110	1.4 (3.00)
<b>DBW- 6 cm (2½"), 240/480 volts**</b>					
1525	30	17 (6½)	DBW-064152	92	1.7 (3.75)
1800	31	19 (7½)	DBW-074182	102	1.7 (3.75)
2000	35	20 (8)	DBW-080202	107	1.7 (3.75)
2250	34	22 (8½)	DBW-084222	112	1.7 (3.75)
2500	35	23 (9)	DBW-090252	117	1.7 (3.75)
2800	36	25 (10)	DBW-100282	126	1.7 (3.75)
2950	36	27 (10½)	DBW-104292	131	1.7 (3.75)
3250	36	29 (11½)	DBW-114322	141	1.8 (4.00)

\*\* The two 240V strip heating elements must be wired in series for 480V.  
 Note: Watt densities are based on heated area of contact surface only.

### ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
MS-1001	\$120	Reference Book: Heating, Ventilating, Air Conditioning: Analysis and Design

### FEATURES

**Ten times the life—only slightly higher cost.** This economical long life heavy duty band heater has a ⅜" thick chrome steel (stainless) sheath, which offers ten times the life of a mica band heater at only a slightly higher cost than mica, and considerably lower than ceramic band and aluminum shoe designs.

### Flexible one-piece construction for easy installation and removal.

The unheated section between heated halves functions as a hinge and permits repeated opening and closing for moving heaters from one application to another. The heavy duty spring loaded clamping bolt pulls the heater tight to the work and maintains tightness by compensating for expansion.

**Heavy duty** – uses a pair of formed 240V OMEGALUX® PT series strip heaters.

**Spring loaded** – for tight fit with Inconel-x spring and nickel-plated clamping bolts and nuts— maintains tightness.

**Uniform high temperature capability.** Highly compacted refractory insulation assures efficient heat transfer, therefore lower resistance wire temperatures.

### SPECIFICATIONS

**Power:** 240/480V\*\*

**Wattage:** 750 to 3250 watts

**Sheath Material:** Chrome Steel

**Maximum Sheath Temperature:** 649°C (1200°F)



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### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters