

## MB-2

### Two-Piece Mica Insulated Band Heater

- 3-1/2 - 10-1/2" Barrel Dia.
- 500 - 2,000 Watts
- 240 - 480 Volt
- 21 - 40 W/In<sup>2</sup>
- Up to 800°F Max. Sheath Temp.
- Up to 650°F Max. Barrel Temp.
- Heavy Duty Anti-torque Post Terminals (type P)

#### Applications

- Barrels and Dies of Plastic Molding Machines
- Extruders
- Autoclaves
- Standard Sections Up to 10-1/2" O.D.  
Consult Factory for Larger O.D's.

#### Features

**Efficient Heat Transfer** is provided by high quality nickel chromium resistor wire wound on a selected mica strip and enclosed in a die-formed aluminum coated steel sheath.

**Long-Term Durability** is assured by non-hygroscopic mica insulation.

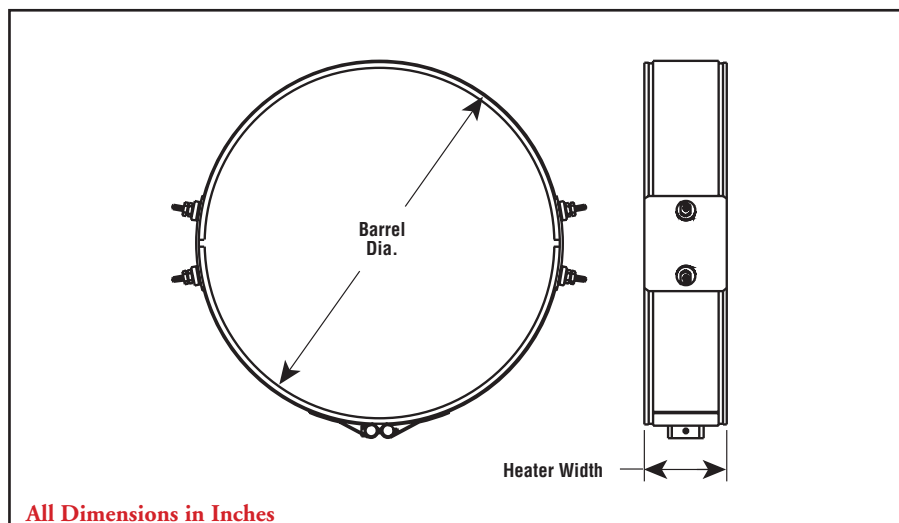
**Uniform Fit** to  $\pm 1/16"$  because of low expansion stainless steel clamping band, which assures maximum heat distribution.

**Easy to Apply** due to two-piece construction. Each heater is rated 240V. Connect in series for 480V; parallel for 240V.

**Heavy Duty Nickel Plated Steel Post Terminals** complete with hardware, are designed to prevent excess torsion during tightening of connections. Standard #10-24 threads.

**Reliable Performance and Quick Temperature Response.**

#### Dimensions



All Dimensions in Inches

#### Specifications and Ordering Information

Watts	Volts	W/In <sup>2</sup>	Dimensions (In.)		Model	Stock	PCN	Wt. (Lbs.)
			Barrel Dia.	Heater Width				
500	240/480	30	3-1/2	1-1/2	MB3J1J2P1	S	150851	0.7
700	240/480	37	4	1-1/2	MB4A1J2P1	NS	150885	0.8
800	240/480	32	4	2	MB4A2A2P1	NS	150893	0.8
700	240/480	32	4-1/2	2	MB4J2A2P1	NS	156515	1
750	240/480	35	4-1/2	1-1/2	MB4J1J2P1	NS	150906	0.8
600	240/480	27	4-3/4	1-1/2	MB4N1J2P1	NS	150914	0.8
900	240/480	39	4-7/8	1-1/2	MB4Q1J2P1	NS	150922	0.8
700	240/480	30	5	1-1/2	MB5A1J2P1	NS	150324	0.9
900	240/480	38	5	1-1/2	MB5A1J2P2	NS	150931	0.9
900	240/480	36	5-1/4	1-1/2	MB5E1J2P1	NS	150957	0.9
800	240/480	31	5-1/2	1-1/2	MB5J1J2P1	NS	150332	0.9
850	240/480	30	6	1-1/2	MB6A1J2P1	NS	150341	1
1,400	240/480	30	6	3	MB6A3A2P1	NS	156558	1
1,000	240/480	35	6	1-1/2	MB6A1J2P2	NS	150973	1
750	240/480	25	6-1/4	1-1/2	MB6E1J2P1	NS	150990	1
950	240/480	31	6-1/2	1-1/2	MB6J1J2P1	NS	150359	1
1,200	240/480	39	6-1/2	1-1/2	MB6J1J2P2	NS	151001	1
1,000	240/480	24	6-1/2	2	MB6J2A2P1	NS	151010	1
1,000	240/480	31	6-3/4	1-1/2	MB6N1J2P1	NS	150367	1
1,250	240/480	33	6-3/4	2	MB6N2A2P1	NS	156574	1
1,600	240/480	26	7	3	MB7A3A2P1	NS	156590	1
1,000	240/480	30	7	1-1/2	MB7A1J2P1	S	150375	1.2
1,250	240/480	32	7	2	MB7A2A2P1	NS	156582	1
1,000	240/480	29	7-1/4	1-1/2	MB7E1J2P1	NS	151028	1.2
900	240/480	20	7-1/4	2	MB7E2A2P1	NS	151036	1.3
1,200	240/480	35	7-3/8	1-1/2	MB7G1J2P1	NS	151044	1.2
1,000	240/480	28	7-1/2	1-1/2	MB7J1J2P1	NS	150383	1.2
1,200	240/480	34	7-1/2	1-1/2	MB7J1J2P2	NS	151052	1.2
1,000	240/480	27	7-3/4	1-1/2	MB7N1J2P1	NS	151061	1.2
1,000	240/480	27	7-7/8	1-1/2	MB7Q1J2P1	NS	150391	1.2
1,100	240/480	35	8	1-1/4	MB8A1E2P1	NS	151079	1.4
1,000	240/480	27	8	1-1/2	MB8A1J2P1	NS	150404	1.4
1,300	240/480	35	8	1-1/2	MB8A1J2P2	NS	151087	1.4
3,000	240/480	33	8-1/4	4	MB8E4A2P1	NS	156638	1.5
1,200	240/480	30	8-1/2	1-1/2	MB8J1J2P1	NS	150412	1.5
1,400	240/480	35	8-1/2	1-1/2	MB8J1J2P2	NS	151095	1.5
1,600	240/480	30	8-1/2	2	MB8J2A2P1	NS	151108	1.5
1,300	240/480	31	9	1-1/2	MB9A1J2P1	NS	150421	1.6
1,500	240/480	35	9	1-1/2	MB9A1J2P2	NS	151116	1.6
1,800	240/480	30	9-1/2	2	MB9J2A2P1	NS	151124	1.7
2,000	240/480	33	9-3/4	2	MB9N2A2P1	NS	151132	1.8
1,000	240/480	21	10	1-1/2	MB10A1J2P1	NS	151141	2.1
1,400	240/480	30	10	1-1/2	MB10A1J2P2	NS	150439	2.1
2,000	240/480	40	10-1/2	1-1/2	MB10J1J2P1	NS	151159	2.4
2,300	240/480	33	12	2	MB12A2A2P1	NS	156700	2

Stock Status: S = stock NS = non-stock

To Order—Specify model, PCN, volts, watts and quantity.

Note — Watt densities shown are based on heated area of contact surface only.

Note — Check factory for optional terminations and band styles.