

ONE-PIECE MICA-INSULATED BAND HEATER



MB-1 Series
Starts at
\$49

- 1 to 6" Nozzle Diameter
- 100 to 1000 Watts
- 120 and 240 Volt
- Up to 482°C (900°F) Max Sheath Temperature
- Up to 399°C (750°F) Max Barrel Temperature
- Flexible Strand Terminals (Type A)
- Heavy-Duty Anti-Torque Post Terminal (Type P)

APPLICATIONS

- Barrels and Dies of Plastic Molding Machines
- Extruders
- Autoclaves

FEATURES

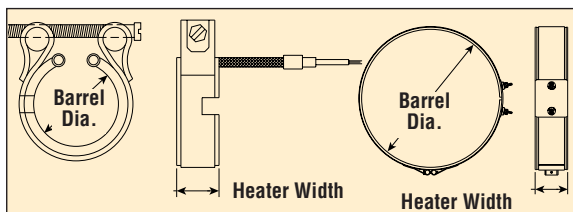
Efficient Heat Transfer is provided by high-quality nickel-chromium resistor wire wound on a select mica strip and enclosed in a die-formed aluminum coated steel sheath.

Long-Term Durability is ensured by non-hygroscopic mica insulation.

Uniform Fit to ±1/16".
Type A Extra Flexible Stranded Nickel Leadwire protected by a close-knit stainless steel braided sleeve. Standard length is 24" with 18" of braid.

Heavy-Duty Stainless Steel Anti-Torque Post Terminals come standard at #10 to 32 threads, except for 1" wide units, which have #6 to 32 threads.

Reliable Performance and Quick Temperature Response One-Piece Construction provides maximum nozzle coverage in tight spaces.



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Watts	Volts	W/in ²	Dimensions (in)			Model No.	Price	Wt. (lb)
			Barrel Dia.	Heater Width	Term.			
175	240	30	1 ⁵ / ₁₆	2	A	MBOR2A1A1	\$69	0.2
100	120	32	1	1	A	MB1A1A1A1	66	0.2
100	240	32	1	1	A	MB1A1A1A2	66	0.2
150	120	48	1	1	A	MB1A1A1A3	66	0.2
150	240	48	1	1	A	MB1A1A1A4	66	0.2
150	120	32	1	1½	A	MB1A1J1A1	66	0.2
150	240	32	1	1½	A	MB1A1J1A2	66	0.2
200	120	42	1	1½	A	MB1A1J1A3	66	0.2
200	240	42	1	1½	A	MB1A1J1A4	66	0.2
100	120	41	1¼	¾	A	MB1EOL1A1	66	0.3
150	120	31	1¼	1¼	A	MB1E1E1A1	66	0.3
150	240	31	1¼	1¼	A	MB1E1E1A2	66	0.3
200	240	34	1¼	1½	A	MB1E1J1A1	66	0.3
150	240	19	1¼	2	A	MB1E2A1A1	66	0.3
150	240	35	1¾	1	A	MB1G1A1A1	66	0.3
275	240	42	1¾	1½	A	MB1G1J1A1	66	0.3
300	240	35	1¾	2	A	MB1G2A1A1	72	0.3
150	120	32	1½	1	A	MB1J1A1A1	66	0.3
150	240	32	1½	1	A	MB1J1A1A2	66	0.3
200	120	42	1½	1	A	MB1J1A1A3	66	0.3
200	240	42	1½	1	A	MB1J1A1A4	66	0.3
225	240	38	1½	1¼	A	MB1J1E1A1	66	0.4
200	120	28	1½	1½	A	MB1J1J1A1	66	0.4
200	240	28	1½	1½	A	MB1J1J1A2	66	0.4
250	120	35	1½	1½	A	MB1J1J1A3	66	0.4
250	240	35	1½	1½	A	MB1J1J1A4	66	0.4
275	120	39	1½	1½	A	MB1J1J1A5	66	0.4
275	240	39	1½	1½	A	MB1J1J1A6	66	0.4
275	120	39	1½	1½	P	MB1J1J1P1	49	0.4
275	240	39	1½	1½	P	MB1J1J1P2	49	0.4
300	240	32	1½	2	A	MB1J2A1P1	69	0.4
200	240	31	1½	1¼	A	MB1L1E1A1	66	0.4
200	240	36	1¾	1	A	MB1N1A1A1	66	0.4
200	120	24	1¾	1½	A	MB1N1J1A1	66	0.4
200	240	24	1¾	1½	A	MB1N1J1A2	66	0.4
250	120	30	1¾	1½	A	MB1N1J1A3	66	0.4
250	240	30	1¾	1½	A	MB1N1J1A4	66	0.4
250	240	30	1¾	1½	P	MB1N1J1P1	66	0.4
275	240	33	1¾	1½	A	MB1N1J1A5	66	0.4
300	120	36	1¾	1½	A	MB1N1J1A6	66	0.4
300	240	36	1¾	1½	A	MB1N1J1A7	66	0.4
300	240	36	1¾	1½	P	MB1N1J1P2	50	0.4
200	240	34	1¾	1	A	MB1Q1A1A1	66	0.4
200	120	32	2	1	A	MB2A1A1A1	66	0.5
200	240	32	2	1	A	MB2A1A1A2	66	0.5
250	240	27	2	1½	P	MB2A1J1P1	51	0.5
300	240	32	2	1½	P	MB2A1J1P2	51	0.5
200	120	30	2½	1	A	MB2C1A1A1	66	0.5
275	240	41	2½	1	A	MB2C1A1A2	66	0.5
350	240	35	2½	1½	P	MB2C1J1P1	51	0.5
250	120	35	2½	1	P	MB2E1A1P1	49	0.5
250	240	35	2½	1	P	MB2E1A1P2	49	0.5
200	240	19	2½	1½	P	MB2E1J1P1	52	0.5
375	240	35	2½	1½	P	MB2E1J1P2	52	0.5
525	240	37	2½	2	P	MB2E2A1P1	55	0.5
200	240	27	2½	1	P	MB2G1A1P1	50	0.5
275	240	35	2½	1	P	MB2J1A1P1	51	0.6
300	240	25	2½	1½	P	MB2J1J1P1	53	0.6
350	120	30	2½	1½	P	MB2J1J1P2	53	0.6
350	240	30	2½	1½	P	MB2J1J1P3	53	0.6
450	240	29	2½	2	P	MB2J2A1P1	56	0.6
400	240	31	2½	1½	P	MB2N1J1P1	53	0.6
300	240	32	3	1	P	MB3A1A1P1	51	0.7
400	240	42	3	1	P	MB3A1A1P2	51	0.7
400	240	28	3	1½	P	MB3A1J1P1	55	0.7
500	240	35	3	1½	P	MB3A1J1P2	55	0.7
300	240	31	3½	1	P	MB3C1A1P1	52	0.7
400	240	27	3½	1½	P	MB3C1J1P1	55	0.7
400	240	27	3½	1½	P	MB3E1J1P1	56	0.7
500	240	30	3½	1½	P	MB3J1J1P1	56	0.7
600	240	27	3½	2	P	MB3J2A1P1	60	0.8
700	240	40	3¾	1½	P	MB3N1J1P1	57	0.8
500	240	27	4	1½	P	MB4B1J1P1	57	0.8
650	240	31	4½	1½	P	MB4J1J1P1	60	0.8
600	240	24	5½	1½	P	MB5E1J1P1	63	0.9
900	240	35	5½	1½	P	MB5J1J1C1	63	0.9
1,000	240	35	6½	1½	P	MB6C1J1P1	64	1

Ordering Example: MB2J1A1P1/240, 4 W, 240 V heater, \$51.

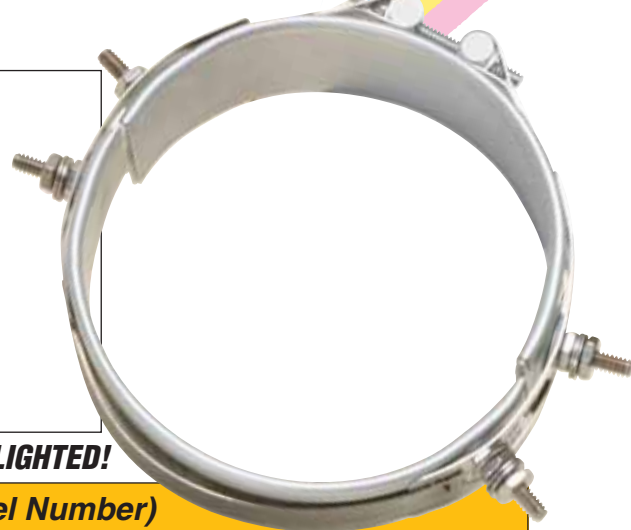
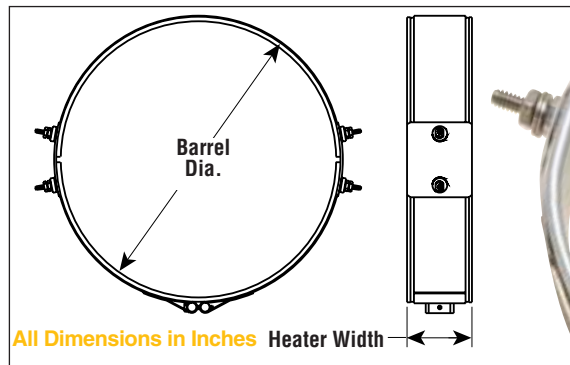
2-PIECE MICA-INSULATED BAND HEATER



MB-2 STYLE

- ✓ 3½ to 10½" Barrel Dia.
- ✓ 500 to 2,000 Watts
- ✓ 240 to 480 Volt
- ✓ 21 to 40 W/in²
- ✓ Up to 900°F Max. Sheath Temperature
- ✓ Up to 750°F Max. Barrel Temperature
- ✓ Heavy Duty Anti-Torque Post Terminals (Type P)

Dimensions



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Watts	Volts	W/in ²	Dimensions (In.)		Model No.	Price	Wt. (Lb.)
			Barrel Dia.	Heater Width			
500	240/480	30	3½	1½	MB3J1J2P1	\$77	0.7
700	240/480	37	4	1½	MB4A1J2P1	78	0.8
800	240/480	32	4	2	MB4A2A2P1	82	0.8
750	240/480	35	4½	1½	MB4J1J2P1	80	0.8
600	240/480	27	4¾	1½	MB4N1J2P1	80	0.8
900	240/480	39	4¾	1½	MB4Q1J2P1	81	0.8
700	240/480	30	5	1½	MB5A1J2P1	81	0.9
900	240/480	38	5	1½	MB5A1J2P2	81	0.9
900	240/480	36	5½	1½	MB5E1J2P1	83	0.9
800	240/480	31	5½	1½	MB5J1J2P1	83	0.9
850	240/480	30	6	1½	MB6A1J2P1	84	1
1,000	240/480	35	6	1½	MB6A1J2P2	84	1
750	240/480	25	6¼	1½	MB6E1J2P1	85	1
950	240/480	31	6½	1½	MB6J1J2P1	86	1
1,200	240/480	39	6½	1½	MB6J1J2P2	86	1
1,000	240/480	24	6½	2	MB6J2A2P1	91	1
1,000	240/480	31	6¾	1½	MB6N1J2P1	87	1
1,000	240/480	30	7	1½	MB7A1J2P1	88	1.2
1,000	240/480	29	7¼	1½	MB7E1J2P1	89	1.2
900	240/480	20	7¼	2	MB7E2A2P1	93	1.3
1,200	240/480	35	7¾	1½	MB7G1J2P1	89	1.2
1,000	240/480	28	7½	1½	MB7J1J2P1	89	1.2
1,200	240/480	34	7½	1-½	MB7J1J2P2	89	1.2
1,000	240/480	27	7¾	1½	MB7N1J2P1	89	1.2
1,000	240/480	27	7¾	1½	MB7Q1J2P1	89	1.2
1,100	240/480	35	8	1¼	MB8A1E2P1	89	1.4
1,000	240/480	27	8	1½	MB8A1J2P1	90	1.4
1,300	240/480	35	8	1½	MB8A1J2P2	90	1.4
1,200	240/480	30	8½	1½	MB8J1J2P1	91	1.5
1,400	240/480	35	8½	1½	MB8J1J2P2	92	1.5
1,600	240/480	30	8½	2	MB8J2A2P1	99	1.5
1,300	240/480	31	9	1½	MB9A1J2P1	93	1.6
1,500	240/480	35	9	1½	MB9A1J2P2	93	1.6
1,800	240/480	30	9½	2	MB9J2A2P1	102	1.7
2,000	240/480	33	9¾	2	MB9N2A2P1	108	1.8
1,000	240/480	21	10	1½	MB10A1J2P1	97	2.1
1,400	240/480	30	10	1½	MB10A1J2P2	97	2.1
2,000	240/480	40	10½	1½	MB10J1J2P1	98	2.4

Ordering Example: MB6J1J2P1 is a 950 Watt, 240 or 480 Volt Heater, \$86.
 Note — Watt densities shown are based on heated area of contact surface only.

APPLICATIONS

- ✓ Barrels and Dies of Plastic Molding Machines
- ✓ Extruders
- ✓ Autoclaves
- ✓ Heating Pipe Sections Up to 10½" O.D.

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 ± 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 Stainless Steel Post Terminals complete with hardware, are designed to prevent excess torsion during tightening of connections. Standard #10-32 threads.

Reliable Performance and Quick Temperature Response





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