

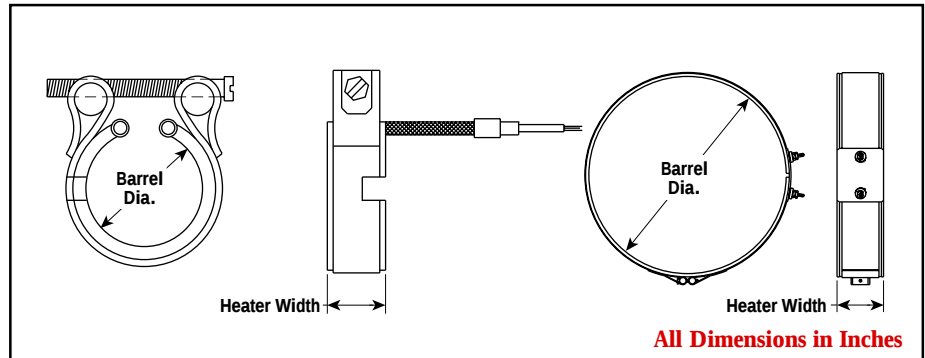
MB-1

One-Piece Mica Insulated Band Heater

- 1 - 6-1/8" Nozzle Dia.
- 100 - 300 Watts
- 120 and 240 Volt
- Up to 900°F Max. Sheath Temp.
- Up to 750°F Max. Barrel Temp.
- Flex. Strand Terminals (type A)
- Heavy Duty Anti-torque Post Terminal (type P)



Dimensions



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 assured by non-hygroscopic mica insulation.

Uniform Fit to $\pm 1/16"$.

Type A Extra Flexible Stranded Nickel Leadwire protected by means of a close-knit stainless steel braided sleeve. Standard length is 24" with 18" of braid.

Heavy Duty Stainless Steel Anti-torque Post Terminals — Standard is #10-32 threads, except for 1" wide units which have #6-32 threads.

Reliable Performance and Quick Temperature Response.

One-Piece Construction provides maximum nozzle coverage in tight spaces.

Specifications and Ordering Information

Watts	Volts	W/In ²	Dimensions (In.)		Term.	Model	Stock	PCN	Wt. (Lbs.)
			Barrel Dia.	Heater Width					
175	240	30	15/16	2	A	MBOR2A1A1	S	150009	0.2
100	120	32	1	1	A	MB1A1A1A1	S	150017	0.2
100	240	32	1	1	A	MB1A1A1A2	S	150025	0.2
150	120	48	1	1	A	MB1A1A1A3	NS	150447	0.2
150	240	48	1	1	A	MB1A1A1A4	NS	150455	0.2
150	120	32	1	1-1/2	A	MB1A1J1A1	S	150033	0.2
150	240	32	1	1-1/2	A	MB1A1J1A2	S	150041	0.2
200	120	42	1	1-1/2	A	MB1A1J1A3	NS	150463	0.2
200	240	42	1	1-1/2	A	MB1A1J1A4	NS	150471	0.2
100	120	41	1-1/4	5/8	A	MB1EOL1A1	S	150050	0.3
150	120	31	1-1/4	1-1/4	A	MB1E1E1A1	S	150068	0.3
150	240	31	1-1/4	1-1/4	A	MB1E1E1A2	S	150076	0.3
200	240	34	1-1/4	1-1/2	A	MB1E1J1A1	NS	150480	0.3
150	240	19	1-1/4	2	A	MB1E2A1A1	NS	150498	0.3
150	240	35	1-3/8	1	A	MB1G1A1A1	S	150084	0.3
275	240	42	1-3/8	1-1/2	A	MB1G1J1A1	NS	150501	0.3
300	240	35	1-3/8	2	A	MB1G2A1A1	NS	150519	0.3
150	120	32	1-1/2	1	A	MB1J1A1A1	S	150092	0.3
150	240	32	1-1/2	1	A	MB1J1A1A2	S	150105	0.3
200	120	42	1-1/2	1	A	MB1J1A1A3	NS	150527	0.3
200	240	42	1-1/2	1	A	MB1J1A1A4	NS	150535	0.3
225	240	38	1-1/2	1-1/4	A	MB1J1E1A1	NS	150543	0.4
200	120	28	1-1/2	1-1/2	A	MB1J1J1A1	S	150113	0.4
200	240	28	1-1/2	1-1/2	A	MB1J1J1A2	S	150121	0.4
250	120	35	1-1/2	1-1/2	A	MB1J1J1A3	S	150130	0.4
250	240	35	1-1/2	1-1/2	A	MB1J1J1A4	S	150148	0.4
275	120	39	1-1/2	1-1/2	A	MB1J1J1A5	S	150551	0.4
275	240	39	1-1/2	1-1/2	A	MB1J1J1A6	NS	150560	0.4
275	120	39	1-1/2	1-1/2	P	MB1J1J1P1	NS	150578	0.4
275	240	39	1-1/2	1-1/2	P	MB1J1J1P2	NS	150586	0.4
300	240	32	1-1/2	2	A	MB1J2A1P1	NS	150594	0.4
200	240	31	1-5/8	1-1/4	A	MB1L1E1A1	NS	150156	0.4
200	240	36	1-3/4	1	A	MB1N1A1A1	NS	150607	0.4
200	120	24	1-3/4	1-1/2	A	MB1N1J1A1	S	150164	0.4
200	240	24	1-3/4	1-1/2	A	MB1N1J1A2	NS	150172	0.4
250	120	30	1-3/4	1-1/2	A	MB1N1J1A3	S	150181	0.4
250	240	30	1-3/4	1-1/2	A	MB1N1J1A4	S	150199	0.4
250	240	30	1-3/4	1-1/2	P	MB1N1J1P1	NS	150615	0.4

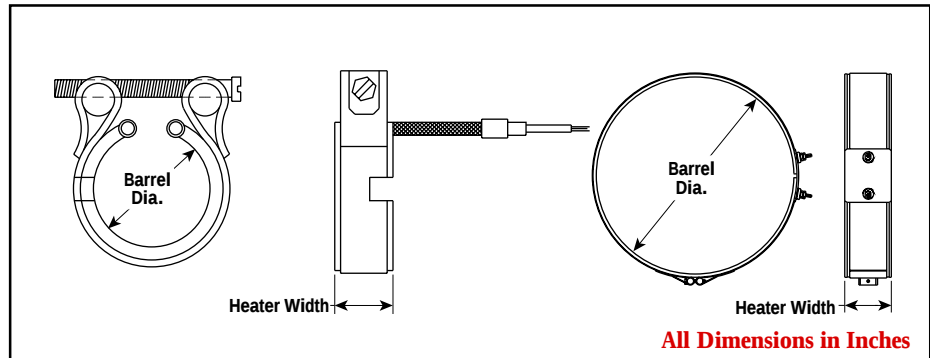
MB-1

One-Piece Mica Insulated Band Heater (*cont'd.*)

- 1 - 6-1/8" Nozzle Dia.
- 275 - 1000 Watts
- 120 and 240 Volt
- Up to 900°F Max. Sheath Temp.
- Up to 750°F Max. Barrel Temp.
- Flex. Strand Terminals (type A)
- Heavy Duty Anti-torque Post Terminal (type P)



Dimensions



Specifications and Ordering Information

Watts	Volts	W/In ²	Dimensions (In.)		Term.	Model	Stock	PCN	Wt. (Lbs.)
			Barrel Dia.	Heater Width					
275	240	33	1-3/4	1-1/2	A	MB1N1J1A5	NS	150623	0.4
300	120	36	1-3/4	1-1/2	A	MB1N1J1A6	NS	150631	0.4
300	240	36	1-3/4	1-1/2	A	MB1N1J1A7	NS	150640	0.4
300	240	36	1-3/4	1-1/2	P	MB1N1J1P2	NS	150658	0.4
200	240	34	1-7/8	1	A	MB1Q1A1A1	S	150201	0.4
200	120	32	2	1	A	MB2A1A1A1	NS	150666	0.5
200	240	32	2	1	A	MB2A1A1A2	NS	150674	0.5
250	240	27	2	1-1/2	P	MB2A1J1P1	S	150210	0.5
300	240	32	2	1-1/2	P	MB2A1J1P2	NS	150682	0.5
450	240	36	2	2	P	MB2A2A1P1	NS	150691	0.5
200	120	30	2-1/8	1	A	MB2C1A1A1	S	150228	0.5
275	240	41	2-1/8	1	A	MB2C1A1A2	NS	150703	0.5
350	240	35	2-1/8	1-1/2	P	MB2C1J1P1	NS	150711	0.5
250	120	35	2-1/4	1	P	MB2E1A1P1	NS	150720	0.5
250	240	35	2-1/4	1	P	MB2E1A1P2	NS	150738	0.5
200	240	19	2-1/4	1-1/2	P	MB2E1J1P1	S	150236	0.5
375	240	35	2-1/4	1-1/2	P	MB2E1J1P2	NS	150746	0.5
525	240	37	2-1/4	2	P	MB2E2A1P1	NS	150754	0.5
200	240	27	2-3/8	1	P	MB2G1A1P1	S	150244	0.5
275	240	35	2-1/2	1	P	MB2J1A1P1	NS	150762	0.6
300	240	25	2-1/2	1-1/2	P	MB2J1J1P1	S	150252	0.6
350	120	30	2-1/2	1-1/2	P	MB2J1J1P2	NS	150771	0.6
350	240	30	2-1/2	1-1/2	P	MB2J1J1P3	NS	150789	0.6
450	240	29	2-1/2	2	P	MB2J2A1P1	NS	150797	0.6
400	240	31	2-3/4	1-1/2	P	MB2N1J1P1	NS	150800	0.6
300	240	32	3	1	P	MB3A1A1P1	S	150261	0.7
400	240	42	3	1	P	MB3A1A1P2	NS	150818	0.7
400	240	28	3	1-1/2	P	MB3A1J1P1	S	150279	0.7
500	240	35	3	1-1/2	P	MB3A1J1P2	NS	150826	0.7
300	240	31	3-1/8	1	P	MB3C1A1P1	S	150287	0.7
400	240	27	3-1/8	1-1/2	P	MB3C1J1P1	NS	150834	0.7
400	240	27	3-1/4	1-1/2	P	MB3E1J1P1	NS	150842	0.7
500	240	30	3-1/2	1-1/2	P	MB3J1J1P1	S	150295	0.7
600	240	27	3-1/2	2	P	MB3J2A1P1	NS	150869	0.8
700	240	40	3-3/4	1-1/2	P	MB3N1J1P1	NS	150877	0.8
500	240	27	4	1-1/2	P	MB4B1J1P1	S	150308	0.8
650	240	31	4-1/2	1-1/2	P	MB4J1J1P1	S	150316	0.8
600	240	24	5-1/4	1-1/2	P	MB5E1J1P1	NS	150949	0.9
900	240	35	5-1/2	1-1/2	P	MB5J1J1P1	NS	150965	0.9
1,000	240	35	6-1/8	1-1/2	P	MB6C1J1P1	NS	150981	1

Stock Status: S = stock AS = assembly 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.