

MICA BAND & NOZZLE HEATERS

Watt Density Guidelines

Heater ID	Heater Application Temperature						
	200°F (93°C)	300°F (149°C)	400°F (204°C)	500°F (260°C)	600°F (316°C)	700°F (371°C)	800°F (427°C)
1.5-3 in (38-76 mm)	52	51	50	46	41	37	29
3-10 in (76-254 mm)	47	46	45	42	38	33	25
> 10 in (> 254 mm)	41	40	39	36	31	27	20

Post Terminals



Both sides of gap
(standard)



Vertical

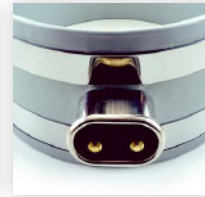


Horizontal

Terminal Box



Euro Plug



Internal Thermocouple



Lead Wires



Both sides of gap



One side of gap



180° from gap



Straight out of the side



With stainless
steel spring



Right angle out of cap

Clamping



Strap



Welded-on barrel nut



Flange



Spring-loaded



Wedge

Standard Nozzle Heater Specifications

Diameter: 1-3 in (25-76 mm)

Width: 1-6 in (25-152 mm)

Voltage: Up to 480 VAC

Maximum Wattage: Determined by heater size and application temperature

Standard Construction: 10 in (254 mm) hi-temp leads and clamping straps (stainless steel braid and wedge clamps available)



More than 140 Band and Nozzle Heaters available!

Ordering Information

Band Heaters (Straps and Split Post Terminals)

Barrel Diameter in (mm)	Width in (mm)	Volts	Watts	Part No.
3.5 (90)	1 (25)	120	300	BA035-010A
3.5 (90)	1 (25)	240	300	BA035-010B
3.5 (90)	1.5 (38)	240	500	BA035-015C
3.5 (90)	2 (51)	120	500	BA035-020B
3.5 (90)	2 (51)	240	500	BA035-020C
3.5 (90)	2.5 (64)	240	750	BA035-025A
3.75 (95)	1 (25)	240	350	BA037-010A
3.75 (95)	1.5 (38)	240	700	BA037-015A
3.75 (95)	2.5 (64)	240	850	BA037-025A
4 (102)	1 (25)	240	625	BA040-010B
4 (102)	1.5 (38)	240	550	BA040-015H
4 (102)	1.5 (38)	240	750	BA040-015J
4 (102)	2 (51)	240	600	BA040-020D
4 (102)	2 (51)	240	800	BA040-020E
4 (102)	2.5 (64)	240	1000	BA040-025B
4 (102)	4 (102)	240	1250	BA040-040A
4.5 (114)	1 (25)	240	350	BA045-010A
4.5 (114)	1.5 (38)	240	650	BA045-015G
4.5 (114)	2 (51)	240	500	BA045-020C
4.5 (114)	2.5 (64)	240	1000	BA045-025A
4.75 (121)	1.5 (38)	240	600	BA047-015A
4.75 (121)	1.5 (38)	480	600	BA047-015B
4.81 (122)	2 (51)	240	760	BA048-020A
4.81 (122)	2 (51)	480	760	BA048-020B
5 (127)	1.5 (38)	240	750	BA050-015E
5 (127)	2 (51)	240	800	BA050-020A
5 (127)	3 (76)	240	1200	BA050-030D
5 (127)	3.25 (83)	240	1250	BA050-032A
5.25 (133)	1 (25)	240	500	BA052-010A
5.25 (133)	1.5 (38)	240	600	BA052-015B
5.25 (133)	1.5 (38)	240	1000	BA052-015C
5.5 (140)	1.5 (38)	240	800	BA055-015E
5.5 (140)	2 (51)	240	1000	BA055-020A
5.75 (146)	1.5 (38)	240	600	BA057-015A
6 (152)	1.5 (38)	240	850	BA060-015E
6 (152)	1.5 (38)	240	600	BA060-015F
6 (152)	1.5 (38)	240	900	BA060-015G
6 (152)	2 (51)	240	1000	BA060-020A
6 (152)	3 (76)	240	1400	BA060-030A
6.25 (159)	3 (76)	240	1500	BA062-030A
6.5 (165)	1.5 (38)	240	950	BA065-015B
6.5 (165)	2 (51)	240	1000	BA065-020D
6.75 (171)	1.5 (38)	240	750	BA067-015C
6.75 (171)	2 (51)	240	1300	BA067-020A
7 (178)	1.5 (38)	240	950	BA070-015B
7 (178)	1.5 (38)	240	1100	BA070-015C
7.25 (184)	2 (51)	240	900	BA072-020A
7.5 (191)	1.5 (38)	240	1200	BA075-015B
7.5 (191)	3 (76)	240	1800	BA075-030B

Barrel Diameter in (mm)	Width in (mm)	Volts	Watts	Part No.
7.75 (197)	1.5 (38)	240	1000	BA077-015A
7.75 (197)	3 (76)	240	2000	BA077-030A
8 (203)	1.5 (38)	240	950	BA080-015A
8 (203)	1.5 (38)	240	1200	BA080-015B
8 (203)	2 (51)	240	1500	BA080-020A
8 (203)	3 (76)	240	2250	BA080-030A
8.25 (210)	2 (51)	240	1500	BA082-020B
8.5 (216)	1.5 (38)	240	1200	BA085-015A
8.5 (216)	2 (51)	240	1600	BA085-020A
9 (229)	1.5 (38)	240	1300	BA090-015B
9 (229)	2 (51)	240	1800	BA090-020A
9.5 (241)	3 (76)	240	2000	BA095-030A
9.75 (248)	2 (51)	240	2000	BA097-020A
10 (254)	1.5 (38)	240	1400	BA100-015A
11 (280)	1.5 (38)	240	1600	BA110-015B
11 (280)	2 (51)	240	1200	BA110-020A
11 (279)	2 (51)	240	2000	BA110-020B
11.5 (292)	1.5 (38)	240	1650	BA115-015A
12 (305)	2 (51)	240	2300	BA120-020A

Nozzle Heaters

Barrel Diameter in (mm)	Width in (mm)	Volts	Watts	Part No.
1 (25)	1 (25)	120	100	NZ1010-10100
1 (25)	1 (25)	120	125	NZ1010-10125
1 (25)	1 (25)	120	125	NZ1010-10125B
1 (25)	1 (25)	240	100	NZ1010-20100
1 (25)	1 (25)	240	125	NZ1010-20125
1 (25)	1 (25)	240	125	NZ1010-20125B
1 (25)	1.5 (38)	120	150	NZ1015-10150
1 (25)	1.5 (38)	240	150	NZ1015-20150
1 (25)	2 (51)	120	200	NZ1020-10200
1 (25)	2 (51)	240	200	NZ1020-20200
1 (25)	3 (76)	120	300	NZ1030-10300
1 (25)	3 (76)	240	300	NZ1030-20300
1 (25)	4 (102)	120	400	NZ1040-10400
1 (25)	4 (102)	240	400	NZ1040-20400
1.5 (38)	1 (25)	120	150	NZ1510-10150
1.5 (38)	1 (25)	240	150	NZ1510-20150
1.5 (38)	1.5 (38)	120	250	NZ1515-10250
1.5 (38)	1.5 (38)	120	275	NZ1515-10275
1.5 (38)	1.5 (38)	120	275	NZ1515-10275B
1.5 (38)	1.5 (38)	120	300	NZ1515-10300
1.5 (38)	1.5 (38)	120	300	NZ1515-10300B
1.5 (38)	1.5 (38)	240	250	NZ1515-20250
1.5 (38)	1.5 (38)	240	275	NZ1515-20275
1.5 (38)	1.5 (38)	240	275	NZ1515-20275B
1.5 (38)	1.5 (38)	240	300	NZ1515-20300
1.5 (38)	1.5 (38)	240	300	NZ1515-20300B

Barrel Diameter in (mm)	Width in (mm)	Volts	Watts	Part No.
1.5 (38)	2 (51)	120	300	NZ1520-10300
1.5 (38)	2 (51)	240	300	NZ1520-20300
1.5 (38)	2.5 (64)	120	400	NZ1525-10400
1.5 (38)	2.5 (64)	240	400	NZ1525-20400
1.5 (38)	3 (76)	120	450	NZ1530-10450
1.5 (38)	3 (76)	120	450	NZ1530-10450B
1.5 (38)	3 (76)	240	450	NZ1530-20450
1.5 (38)	3 (76)	240	450	NZ1530-20450B
1.5 (38)	4 (102)	120	550	NZ1540-10550
1.5 (38)	4 (102)	240	550	NZ1540-20550
1.5 (38)	5 (127)	120	700	NZ1550-10700
1.5 (38)	5 (127)	240	700	NZ1550-20700
1.5 (38)	6 (152)	120	900	NZ1560-10900
1.5 (38)	6 (152)	240	900	NZ1560-20900
1.75 (44)	1.5 (38)	120	300	NZ1715-10300
1.75 (44)	1.5 (38)	240	300	NZ1715-20300
1.75 (44)	2 (51)	120	350	NZ1720-10350
1.75 (44)	2 (51)	240	350	NZ1720-20350
1.75 (44)	3 (76)	120	500	NZ1730-10500
1.75 (44)	3 (76)	240	500	NZ1730-20500
2 (51)	1 (25)	120	200	NZ2010-10200
2 (51)	1 (25)	240	200	NZ2010-20200
2 (51)	1.5 (38)	120	300	NZ2015-10300
2 (51)	1.5 (38)	240	300	NZ2015-20300
2 (51)	2 (51)	120	400	NZ2020-10400
2 (51)	2 (51)	240	400	NZ2020-20400
2 (51)	2.5 (64)	120	500	NZ2025-10500
2 (51)	2.5 (64)	240	500	NZ2025-20500
2 (51)	3 (76)	120	600	NZ2030-10600
2 (51)	3 (76)	240	600	NZ2030-20600
2.5 (64)	1 (25)	120	300	NZ2510-10300
2.5 (64)	1 (25)	240	300	NZ2510-20300
2.5 (64)	1.5 (38)	120	350	NZ2515-10350
2.5 (64)	1.5 (38)	240	350	NZ2515-20350
2.5 (64)	2 (51)	120	500	NZ2520-10500
2.5 (64)	2 (51)	240	500	NZ2520-20500
2.5 (64)	3 (76)	120	700	NZ2530-10700
2.5 (64)	3 (76)	240	700	NZ2530-20700
3 (76)	1 (25)	120	300	NZ3010-10300
3 (76)	1 (25)	240	300	NZ3010-20300
3 (76)	1.5 (38)	120	400	NZ3015-10400
3 (76)	1.5 (38)	240	400	NZ3015-20400
3 (76)	2 (51)	120	600	NZ3020-10600
3 (76)	2 (51)	240	600	NZ3020-20600
3 (76)	3 (76)	120	1000	NZ3030-11000
3 (76)	3 (76)	240	1000	NZ3030-21000

Parts ending with "B" include stainless steel braid for lead protection.