

Premium Mica Heater Bands



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Website: www.aicequipment.com

ORDER TOLL FREE
800.521.0612

Premium Mica Heater Bands

When Ordering Please Specify:

- 1) **INSIDE DIAMETER** - Same as cylinder O.D.
- 2) **WIDTH**
- 3) **CONSTRUCTION TYPE** - One-piece, Two-piece, or Expandable.
- 4) **CLAMPING STYLE** - Separate Straps, Built-in Straps and Flange Clamp.
- 5) **TERMINATION STYLE** - Select screw terminal or lead termination best suited for the application.
- 6) **WATTAGE** - On two piece band heaters - each half is rated half total wattage. Please specify wattage each half and total wattage.
- 7) **VOLTAGE** - On two-piece bands we suggest each half be rated at half the operating voltage. Please specify voltage for each half and total voltage.
- 8) **PROVIDE A DETAILED DRAWING FOR SPECIAL VARIATIONS** - such as holes, cutouts, partial coverage and irregular shape heater.

General Specifications

Resistance Tolerance:	Nema standard +10% - 5%
Wattage Tolerance:	Nema standard +5% - 10%
Maximum Volts:	480 Volts maximum
Maximum Amperage:	Depends on heater size and termination type.
Maximum Watt Density:	Depends on operating temperature and heater size.
Nominal Watt Density:	20 to 40 watts per sq. in.
Minimum Inside Diameter:	3/4"
Minimum Width:	5/8"
Width Tolerance:	± 1/16"

Premium Mica Heater Bands

Installation Recommendations

- 1) Make sure the heater is rated at the proper voltage for the application.
- 2) Calculated wattage should be as close as possible to operating wattage to minimize on-off cycling, but, must be sized to also fulfill start up time requirements.
- 3) The Cylinder must be free of any foreign materials and have a smooth finish. Any imperfections or holes creating air gaps can cause hot-spotting, resulting in shortened heater life.
- 4) Take up all slack by tightening the clamping screws.
- 5) One-piece mica band heaters are not to be opened since damage may result to the mica insulation causing an internal electrical short. Recommended for replacing burned out band heaters over a cylinder is a one-piece expandable design or a two-piece band heater .
- 6) It is recommended that the band heater clamping system be retightened after it had been installed and energized for a short period of time.
- 7) Mica insulated band heaters must be kept free of all contaminants. Failure to do so will result in poor heater life as these materials find their way into the heater windings, carbonizing and becoming conductive. The smallest amount of contamination can cause electrical shorts, burning the heaters out.
- 8) Protect heater wiring from contaminants and physical abuse. Exposed live parts are in violation of electrical safety codes. All wiring should be done by a qualified electrician in compliance with the National Electrical code. Incorrect wiring or installation is a common cause in heater burnout.

Premium Mica Heater Bands Construction Types

Type - CT1P

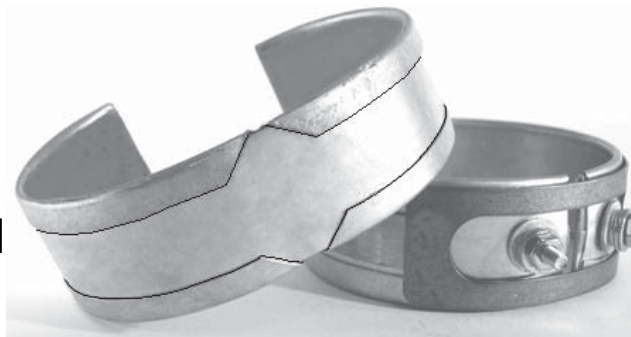
One Piece Band



CT1P - One Piece - use where you can slip the heater over the end of the barrel. This heater should not be opened up. It will result in damage to the internal coils.

Type - CTEXP

One Piece Expandable Band



CTEXP - One Piece Expandable - This heater can be opened up, expanded, for one time installation on the barrel.

Type - CT2P

Two Piece Band

CT2P - Two Piece - This band consists of two halves and can be opened up to install on the barrel.



Premium Mica Heater Bands Clamping Variations

Type - CVBN



CVBN - Built in Strap - makes it easier to assemble the heater band to the barrel by eliminating separate straps. Also provides superior clamping force.

Type - CVSS



CVSS - Separate Strap - economical method of clamping the band to the barrel while providing good clamping force. Available with;

- (a) Standard Barrel Nuts - for maximum clamping force where clearance isn't a problem.
- (b) Low Profile Barrel Nuts - use where clearance is limited, such as the nozzle area.

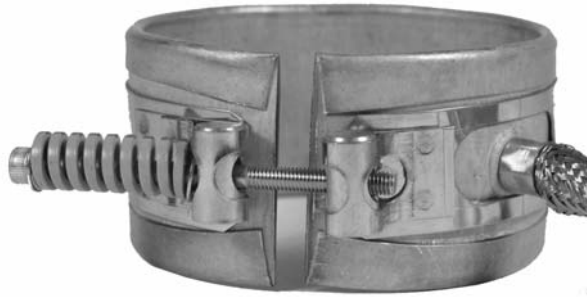
Type - CVFL



CVFL - Flange - basic flanges used to clamp the heater to the barrel.

Premium Mica Heater Bands Clamping Variations Continued

Type - CVSBN



CVSBN - Spring Loaded Barrel Nuts - provides a consistent positive clamping force on large bands.

Type - CVLT



CVLT - Latch and Trunion - provides a consistent positive clamping force on large bands and allows for quick coupling and uncoupling of the heater band.

Premium Mica Heater Bands

Termination Styles

Post Terminals

Type - TSPT1



TSPT1 - Each Side of Gap - most widely used post terminal configuration.

Type - TSPT2



TSPT2 - Next to Gap on One Side - Two in-Line.

Type - TSPT3



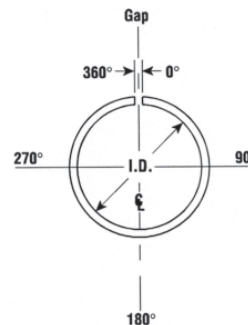
TSPT3 - Next to Gap on One Side- Side-by-Side.

Type - TSPT4



TSPT4 - Terminal Box over post terminals - specify Standard or Low Profile.

Side Note: Custom Style - Specific post location other than standard (specify) i.e. side by side 180 degrees.



Premium Mica Heater Bands

Termination Styles

Lead Wire

Leads exiting individually at the corner edge from each side of the gap, standard nozzle band style, see type **TSL1** and **TSL2**:

Type - TSL1



TSL1 - Fiberglass over wire braid existing each side of gap at same end of heater.

Type - TSL2



TSL2 - Stainless Braid over fiberglass sleeving existing each side of gap at same end of heater.

Type - TSL3



TSL3 - Stainless Braid over fiberglass. A single lead exiting through a single point on the edge of the heater width **180** degrees from the gap.

Premium Mica Heater Bands

Termination Styles

Lead Wire Continued

Both leads exiting through a single point on sheath centered in the width near the gap (if another location is desired please specify i.e. 180 degrees from gap). See Lead Wire types **TSL4** through **TSL8** for available configurations.

Type - TSL4



TSL4 - Fiberglass leads exiting through a single point.

Type - TSL5



TSL5 - Stainless Braid over fiberglass through a single point.

Type - TSL6



TSL6 - Flexible Conduit over fiberglass through a single point.

Premium Mica Heater Bands Termination Styles Lead Wire Continued

Type - TSL7



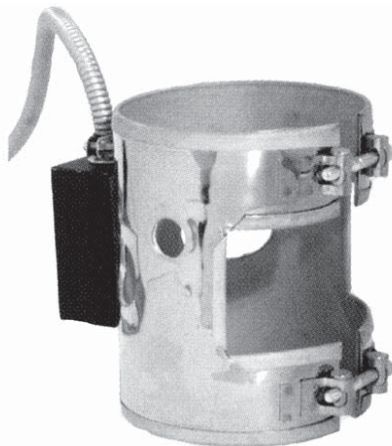
TSL7 - Flexible Conduit w/Copper Elbow over fiberglass, exits at 90 degrees.

Type - TSL8



TSL8 - Strain Relief Spring with fiberglass or stainless braid over fiberglass through a single point.

Type - TSL9



TSL9 - Terminal Box available with TSL1 through TSL3 style lead exiting out of box.

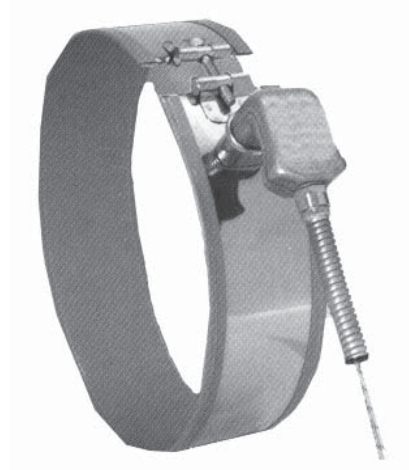
Premium Mica Heater Bands

Termination Styles

Plug Type

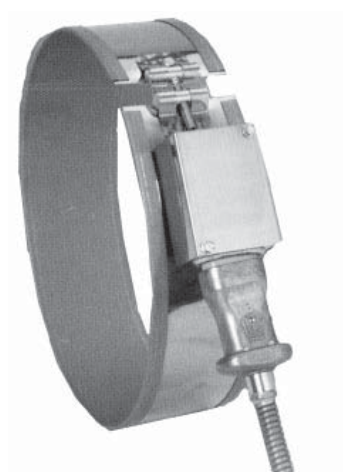
Plug Style - also called by the names: European Plug / Euro Plug / Erge plug

Type - TSP1



TSP1 - Plug receptacle mounted on heater sheath.

Type - TSP2

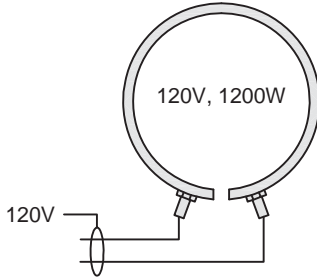


TSP2 - Plug receptacle mounted in terminal box (specify orientation of plug in box i.e. mounted in top of box or side of box).

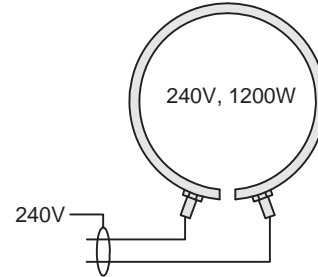
Heater Band Wiring Diagrams

1 Piece Heater Bands

120 VOLT CONFIGURATION
 1200 WATT

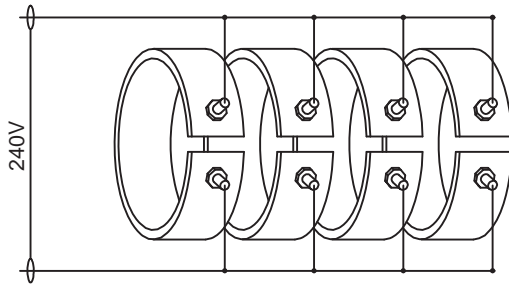


240 VOLT CONFIGURATION
 1200 WATT



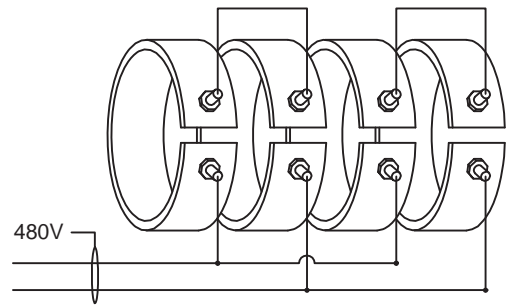
HEATER BAND COMMON WIRING
 IN PARALLEL BY ZONES

WIRED IN PARALLEL



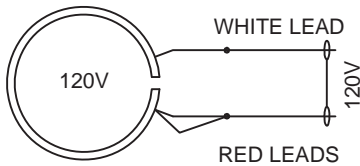
240V BAND WIRED TO ACCEPT 480V
 BANDS MUST BE EQUAL WATTAGE AND
 WIRED BY PAIRS IN SERIES

WIRED IN SERIES

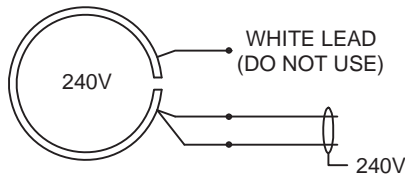


WIRING DUAL VOLTAGE HEATER BANDS

Wire Lead Connection

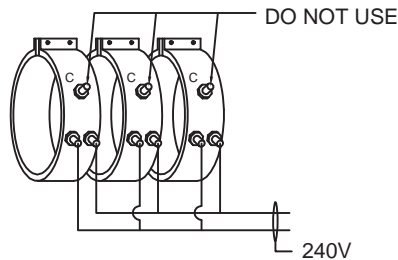
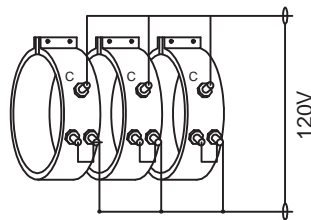


- 1) CONNECT WHITE LEAD TO COMMON
- 2) JOIN RED LEADS AND CONNECT TO OTHER SIDE OF LINE.

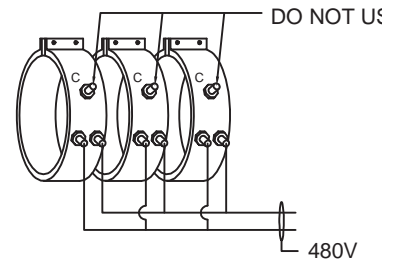
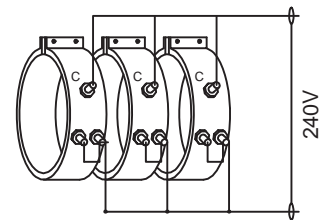


- 1) INSULATE WHITE LEAD - (DO NOT USE)
- 2) CONNECT ONE RED TO EACH SIDE OF LINE.

120V / 240V - Terminal Connection



240V / 480V - Terminal Connection



Heater Band Wiring Diagrams

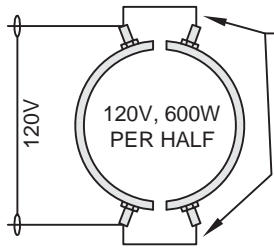
2 Piece Heater Bands

120 VOLT CONFIGURATION

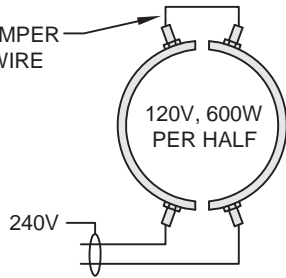
2 PIECE BAND RATED @ 240V
1200 WATTS,
EACH HALF IS 120V@600W

2 PIECE BAND RATED @ 240V
1200 WATTS,
EACH HALF IS 120V@600W

WIRED IN PARALLEL



WIRED IN SERIES

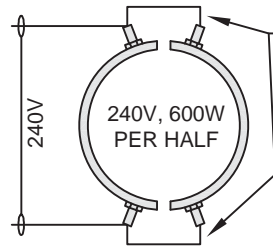


240 VOLT CONFIGURATION

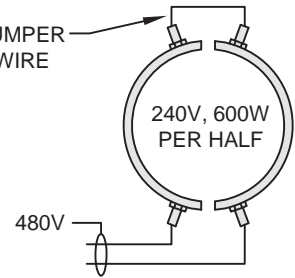
2 PIECE BAND RATED @ 480V
1200 WATTS,
EACH HALF IS 240V@600W

2 PIECE BAND RATED @ 480V
1200 WATTS,
EACH HALF IS 240V@600W

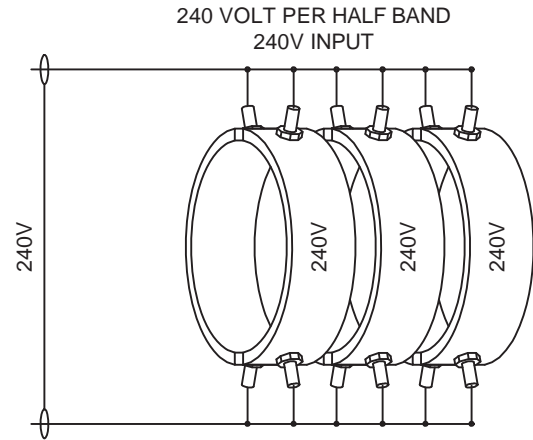
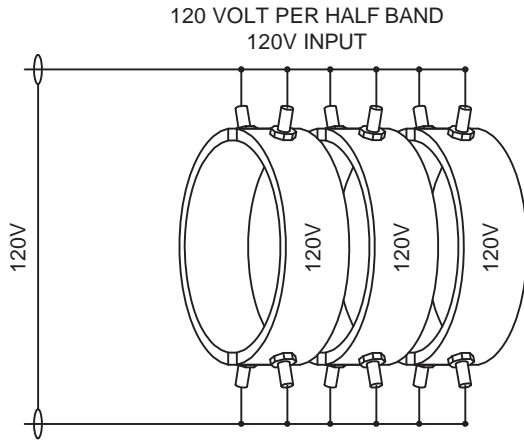
WIRED IN PARALLEL



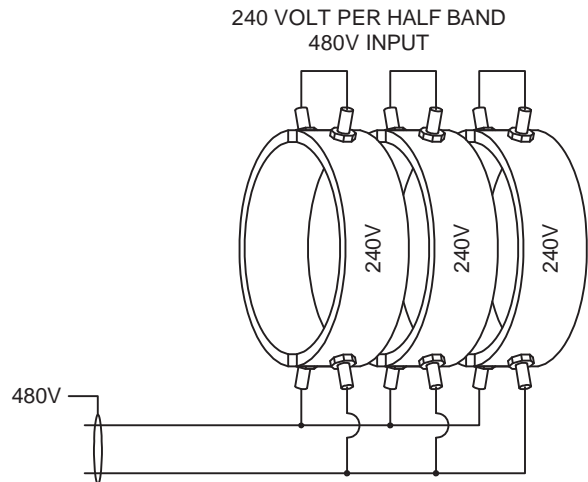
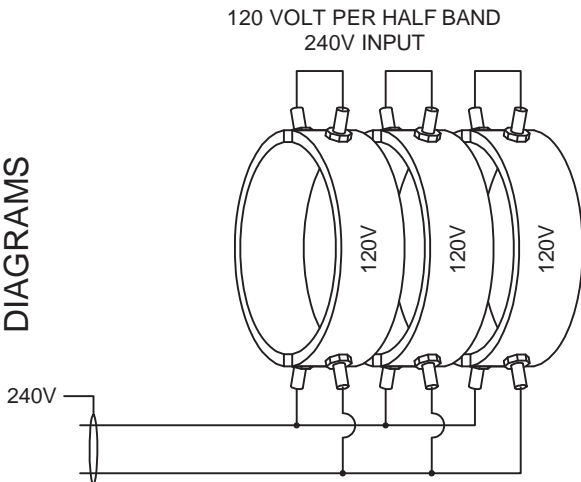
WIRED IN SERIES



PARALLEL WIRING DIAGRAMS

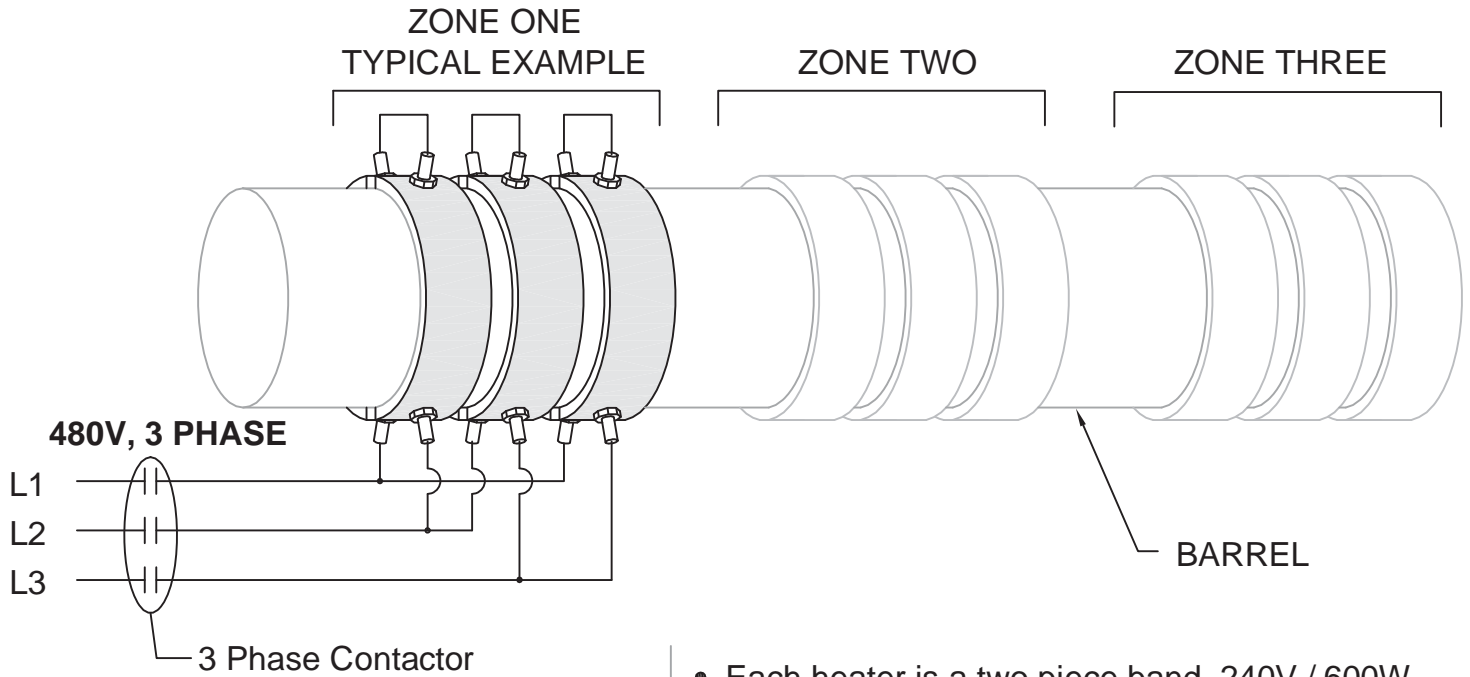


SERIES WIRING DIAGRAMS



Heater Band Wiring Diagrams

2 Piece Heater Bands



- Each heater is a two piece band, 240V / 600W each half for a 1200W total.
- Each zone consists of (3) single phase heaters wired collectively for 3 phase.
- Note 3 Phase rotation - L1 L2, L2 L3, L1 L3

OHM'S LAW

P=Watts

$$\text{Watts} = \frac{\text{Volts}^2}{\text{Ohms}}$$

$$\text{Watts} = \text{Amps}^2 \times \text{Ohms}$$

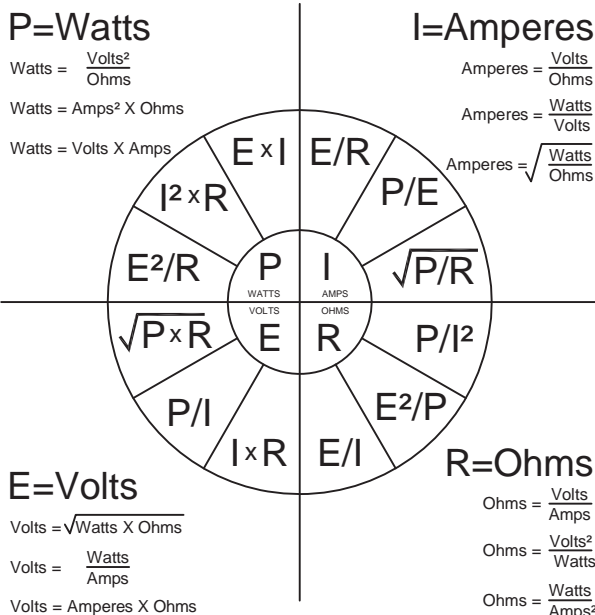
$$\text{Watts} = \text{Volts} \times \text{Amps}$$

I=Amperes

$$\text{Amperes} = \frac{\text{Volts}}{\text{Ohms}}$$

$$\text{Amperes} = \frac{\text{Watts}}{\text{Volts}}$$

$$\text{Amperes} = \sqrt{\frac{\text{Watts}}{\text{Ohms}}}$$



Each 480V / 1200W heater would draw 2.5 Amps single phase. Current measured on each leg of the 3 Phase feed for a given zone would be 4.33A.

SINGLE PHASE FORMULA

$$I = \frac{P}{E}$$

$$2.5A = \frac{1200 \text{ WATTS}}{480 \text{ VOLTS}}$$

THREE PHASE FORMULA

$$I = \frac{P}{E \times 1.732}$$

$$4.33A = \frac{3600 \text{ WATTS}}{480 \text{ VOLTS} \times 1.732}$$

2.5Amps X (3) heaters = 7.5 (Single phase amps)

7.5/1.732 (3 Phase factor) = 4.33 (3 Phase amps)

Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-10A104-1	1	1	120	100	48" Fiberglass Lead
A-12B104	1 1/4	1	240	125	12" Fiberglass Lead
A-12A126	1 1/4	1 1/4	120	125	12" Wire Braid
A-13A104-1	1 3/8	1	120	140	48" Fiberglass Lead
A-13B124	1 3/8	1 1/4	240	200	12" Fiberglass Lead
A-14B104-1	1 1/2	1	240	200	10" Fiberglass Lead
A-14A146-3	1 1/2	1 1/2	120	275	48" Wire Braid, Low Profile Strap
A-14B244-1	1 1/2	2 1/2	240	400	10" Fiberglass Lead
A-14B244-3	1 1/2	2 1/2	240	300	12" Fiberglass Lead
A-14A302	1 1/2	3	120	350	12" Fiberglass Lead, Low Profile Strap
A-14A306-1	1 1/2	3	120	350	48" Wire Braid, Low Profile Strap
A-14B404-3	1 1/2	4	240	550	24" Fiberglass Lead
A-14B504	1 1/2	5	240	750	10" Fiberglass Lead
A-14A804	1 1/2	8	120	1150	12" Fiberglass Lead
A-14B054	1 1/2	5/8	240	100	12" Fiberglass Lead
A-16A104	1 3/4	1	120	150	12" Fiberglass Lead
A-16B104	1 3/4	1	240	175	12" Fiberglass Lead
A-16B164-1	1 3/4	1 3/4	240	300	12" Fiberglass Lead
A-16A204	1 3/4	2	120	350	12" Fiberglass Lead
A-16B204-4	1 3/4	2	240	350	40" Mgt Lead, Mica Glass Leads
A-16A304	1 3/4	3	120	450	10" Fiberglass Lead
A-16B304	1 3/4	3	240	500	12" Fiberglass Lead
A-16B304-2	1 3/4	3	240	300	12" Fiberglass Lead
A-16A404	1 3/4	4	120	500	10" Fiberglass Lead
A-16B404	1 3/4	4	240	500	12" Fiberglass Lead
A-16A504	1 3/4	5	120	500	36" Fiberglass Lead
A-16B504-3	1 3/4	5	240	500	36" Fiberglass Lead
A-16B504-4	1 3/4	5	240	500	40" Mgt Lead, Mica Glass Leads
A-16B604	1 3/4	5	240	700	10" Fiberglass Lead

***** Many Additional Sizes Available,
 Please Call!**

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Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-20A101-1	2	1	120	275	12" Fiberglass Lead
A-20A104	2	1	120	350	10" Fiberglass Lead
A-20A104-1	2	1	120	200	12" Fiberglass Lead
A-20A106-1	2	1	120	100	48" Wire Braid
A-20B104-2	2	1	240	300	10" Fiberglass Lead
A-20A144	2	1 1/2	120	350	10" Fiberglass Lead
A-20A144-A	2	1 1/2	120	300	12" Fiberglass Lead
A-20B141	2	1 1/2	240	300	Post Term
A-20B144	2	1 1/2	240	300	12" Fiberglass Lead
A-20B146	2	1 1/2	240	300	12" Wire Braid
A-20B204-2	2	2	240	500	12" Fiberglass Lead
A-20B244	2	2 1/2	240	500	10" Fiberglass Lead
A-20A304	2	3	120	500	10" Fiberglass Lead
A-20A304-2	2	3	120	400	36" Fiberglass Lead
A-20B304-2	2	3	240	500	10" Fiberglass Lead
A-20B304-3	2	3	240	600	12" Fiberglass Lead
A-20B364	2	3 3/4	240	500	12" Fiberglass Lead
A-20A404-2	2	4	120	800	10" Fiberglass Lead
A-20A404-3	2	4	120	600	10" Fiberglass Lead
A-20B404-1	2	4	240	800	12" Fiberglass Lead
A-20B404-3	2	4	240	600	10" Fiberglass Lead
A-21B104	2 1/8	1	240	350	10" Fiberglass Lead
A-21A304	2 1/8	3	120	350	12" Fiberglass Lead
A-22B104	2 1/4	1	240	250	12" Fiberglass Lead
A-22A144	2 1/4	1 1/2	120	300	12" Fiberglass Lead
A-22A204	2 1/4	2	120	400	10" Fiberglass Lead
A-22A304	2 1/4	3	120	400	10" Fiberglass Lead
A-22A304-1	2 1/4	3	120	700	10" Fiberglass Lead
A-22B304	2 1/4	3	240	400	10" Fiberglass Lead

Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-23B101	2 3/8	1	240	250	Post Term
A-23B104	2 3/8	1	240	250	10" Fiberglass Lead
A-23B144-X	2 3/8	1 1/2	240	300	24" Fiberglass Lead, Expandable
A-23B404-1	2 3/8	4	240	800	10" Fiberglass Lead
A-24A104	2 1/2	1	120	250	12" Fiberglass Lead
A-24A104-1	2 1/2	1	120	300	36" Fiberglass Lead
A-24B101	2 1/2	1	240	250	Post Term
A-24B104	2 1/2	1	240	250	12" Fiberglass Lead
A-24B104-3	2 1/2	1	240	300	10" Fiberglass Lead
A-24A144-1	2 1/2	1 1/2	120	415	10" Fiberglass Lead
A-24B144-2	2 1/2	1 1/2	240	300	12" Fiberglass Lead
A-24A204	2 1/2	2	120	500	12" Fiberglass Lead
A-24A204-2	2 1/2	2	120	600	12" Fiberglass Lead
A-24B204	2 1/2	2	240	500	12" Fiberglass Lead
A-24A246	2 1/2	2 1/2	120	600	12" Wire Braid
A-24A306-1XB	2 1/2	3	120	600	36" Wire Braid, Expandable
A-24B304	2 1/2	3	240	400	10" Fiberglass Lead
A-24A404	2 1/2	4	120	500	36" Fiberglass Lead
A-24A404-1	2 1/2	4	120	1200	12" Fiberglass Lead
A-24B404-1	2 1/2	4	240	850	12" Fiberglass Lead
A-24B404-B	2 1/2	4	240	1200	12" Fiberglass Lead
A-24B504	2 1/2	5	240	900	12" Fiberglass Lead
A-24A604	2 1/2	6	120	600	10" Fiberglass Lead
A-25B1236-1S	2 9/16	1 3/8	240	320	24" Wire Braid
A-26A104	2 3/4	1	120	300	10" Fiberglass Lead
A-26B101	2 3/4	1	240	400	Post Term
A-26B104	2 3/4	1	240	300	10" Fiberglass Lead
A-26A124	2 3/4	1 1/4	120	300	10" Fiberglass Lead
A-26A164-1	2 3/4	1 3/4	120	310	12" Fiberglass Lead
A-26A204	2 3/4	2	120	450	10" Fiberglass Lead
A-26A206	2 3/4	2	120	450	12" Wire Braid
A-26B204	2 3/4	2	240	500	10" Fiberglass Lead
A-26B204-1	2 3/4	2	240	350	12" Fiberglass Lead

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Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-26B206	2 3/4	2	240	500	12" Wire Braid
A-26A306	2 3/4	3	120	725	12" Wire Braid
A-26A344	2 3/4	3 1/2	120	800	10" Fiberglass Lead
A-26A344-1B	2 3/4	3 1/2	120	400	24" Fiberglass Lead
A-26B346	2 3/4	3 1/2	240	800	12" Wire Braid
A-26A404-1	2 3/4	4	120	690	10" Fiberglass Lead
A-26B404	2 3/4	4	240	700	12" Fiberglass Lead
A-26B504	2 3/4	5	240	800	10" Fiberglass Lead
A-30A104	3	1	120	300	12" Fiberglass Lead
A-30B101	3	1	240	400	Post Term
A-30B104	3	1	240	300	12" Fiberglass Lead
A-30B104-1	3	1	240	400	36" Fiberglass Lead
A-30A144	3	1 1/2	120	400	10" Fiberglass Lead
A-30A144-1	3	1 1/2	120	600	12" Fiberglass Lead
A-30A146	3	1 1/2	120	400	12" Wire Braid
A-30B141	3	1 1/2	240	450	Post Term
A-30B141-1	3	1 1/2	240	400	Post Term
A-30B144-X	3	1 1/2	240	500	10" Fiberglass Lead, Expandable
A-30B146-6	3	1 1/2	240	400	12" Wire Braid
A-30C169	3	1 3/4	480	450	180" Wire Braid
A-30A204	3	2	120	800	12" Fiberglass Lead
A-30B204	3	2	240	600	12" Fiberglass Lead
A-30B241-1X	3	2 1/2	240	650	Post Term, Expandable
A-30B246	3	2 1/2	240	350	12" Wire Braid
A-30A304-X	3	3	120	600	12" Fiberglass Lead, Expandable
A-30B304	3	3	240	500	12" Fiberglass Lead
A-30B304-1	3	3	240	600	10" Fiberglass Lead
A-30B304-2	3	3	240	900	12" Fiberglass Lead
A-30A404	3	4	120	1000	10" Fiberglass Lead
A-30B404	3	4	240	1000	10" Fiberglass Lead
A-31B144-1	3 1/8	1 1/2	240	400	12" Fiberglass Lead

Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-32A141	3 1/4	1 1/2	120	400	Post Term
A-32A144	3 1/4	1 1/2	120	400	24" Fiberglass Lead
A-32B144	3 1/4	1 1/2	240	400	12" Fiberglass Lead
A-32A204	3 1/4	2	120	500	10" Fiberglass Lead
A-32B204	3 1/4	2	240	600	12" Fiberglass Lead
A-32C201-X	3 1/4	2	480	650	Post Term, Expandable
A-32B301-X	3 1/4	3	240	600	Post Term, Expandable
A-32B304	3 1/4	3	240	400	10" Fiberglass Lead
A-32A404	3 1/4	4	120	800	10" Fiberglass Lead
A-32A404-1	3 1/4	4	120	400	10" Fiberglass Lead
A-32B409-1	3 1/4	4	240	1100	36" Wire Braid
A-34A109-1X	3 1/2	1	120	300	24" Wire Braid, Expandable
A-34B101	3 1/2	1	240	400	Post Term
A-34B104	3 1/2	1	240	400	12" Fiberglass Lead
A-34B106	3 1/2	1	240	100	36" Wire Braid
A-34B109-X	3 1/2	1	240	400	36" Wire Braid, Expandable
A-34A144	3 1/2	1 1/2	120	300	12" Fiberglass Lead
A-34B141-1X	3 1/2	1 1/2	240	500	Post Term, Expandable
A-34B141-X	3 1/2	1 1/2	240	400	Post Term, Expandable
A-34A201	3 1/2	2	120	450	Post Term
A-34B201-X	3 1/2	2	240	650	Post Term, Expandable
A-34B204-X	3 1/2	2	240	650	10" Fiberglass Lead, Expandable
A-34B246-1	3 1/2	2 1/2	240	250	12" Wire Braid
A-34B249-X	3 1/2	2 1/2	240	500	24" Wire Braid, Expandable
A-34C246-1X	3 1/2	2 1/2	480	500	48" Wire Braid, Expandable
A-34C246-2X	3 1/2	2 1/2	480	500	36" Wire Braid, Expandable
A-34A304-X	3 1/2	3	120	900	12" Fiberglass Lead, Expandable
A-34A504	3 1/2	5	120	100	10" Fiberglass Lead
A-35B141-1X	3 5/8	1 1/2	240	625	Post Term, Expandable
A-36B106	3 3/4	1	240	600	36" Wire Braid
A-36B141-X	3 3/4	1 1/2	240	500	Post Term, Expandable
A-36C244-1	3 3/4	2 1/2	480	600	10" Fiberglass Lead
A-36C302	3 3/4	3	240/480	350/700	Post Term, 2 Piece
A-36A549-T	3 3/4	5 1/2	120	2000	60" Wire Braid, T/C Hole

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Part Number	I.D.	Width	Volts	Watts	Termination
A-40A101-1	4	1	120	225	Post Term
A-40A104	4	1	120	625	12" Fiberglass Lead
A-40A104-X	4	1	120	625	12" Fiberglass Lead, Expandable
A-40B101-X	4	1	240	625	Post Term
A-40B106-1	4	1	240	600	36" Wire Braid
A-40A144	4	1 1/2	120	300	12" Fiberglass Lead
A-40A144-X	4	1 1/2	120	500	12" Fiberglass Lead, Expandable
A-40B141-1X	4	1 1/2	240	400	Post Term, Expandable
A-40B141-3X	4	1 1/2	240	750	Post Term, Expandable
A-40B141-X	4	1 1/2	240	650	Post Term, Expandable
A-40B144-1X	4	1 1/2	240	600	10" Fiberglass Lead, Expandable
A-40B144-2X	4	1 1/2	240	625	24" Fiberglass Lead, Expandable
A-40B144-X	4	1 1/2	240	500	12" Fiberglass Lead, Expandable
A-40C141-X	4	1 1/2	480	650	Post Term, Expandable
A-40C144-1X	4	1 1/2	480	400	24" Fiberglass Lead, Expandable
A-40C144-X	4	1 1/2	480	625	24" Fiberglass Lead, Expandable
A-40B169	4	1 3/4	240	500	10" Wire Braid
A-40A206-1	4	2	120	625	22" Wire Braid
A-40B201-X	4	2	240	800	Post Term, Expandable
A-40B201-XB	4	2	240	800	Post Term, Expandable
A-40B202	4	2	120/240	400/800	Post Term, 2 Piece
A-40B204	4	2	240	800	12" Fiberglass Lead
A-40C201-1X	4	2	480	800	Post Term, Expandable
A-40E242	4	1 3/4	240/480	500/1000	Post Term, 2 Piece
A-40C304-X	4	3	480	1000	12" Fiberglass Lead, Expandable
A-40B401-X	4	4	240	1000	Post Term, Expandable
A-40B406-1X	4	4	240	1400	36" Wire Braid, Expandable
A-40A509-1	4	5	120	1700	36" Wire Braid
A-40B501-X	4	5	240	2000	Post Term
A-40B501-X	4	5	240	2000	Post Term
A-40B509-1	4	5	240	1700	36" Wire Braid

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Part Number	I.D.	Width	Volts	Watts	Termination
A-42A104	4 1/4	1	120	300	10" Fiberglass Lead
A-42B101	4 1/4	1	240	600	Post Term
A-42B106	4 1/4	1	240	300	12" Wire Braid
A-42A142	4 1/4	1 1/2	120	625	10" Fiberglass Lead
A-42B141-X	4 1/4	1 1/2	240	650	Post Term, Expandable
A-42B301	4 1/4	3	240	1000	Post Term
A-42B301-X	4 1/4	3	240	1000	Post Term, Expandable
A-42E301-X	4 1/2	3	240/480	1000	Post Term, Expandable, Dual Voltage
A-44A144-X	4 1/2	1 1/2	120	500	12" Fiberglass Lead, Expandable
A-44B141-1X	4 1/2	1 1/2	240	500	Post Term, Expandable
A-44B141	4 1/2	1 1/2	240	650	Post Term, Expandable
A-44B144-X	4 1/2	1 1/2	240	350	10" Fiberglass Lead, Expandable
A-44C141-X	4 1/2	1 1/2	480	650	Post Term, Expandable
A-44B204-X	4 1/2	2	240	400	10" Fiberglass Lead, Expandable
A-44B209	4 1/2	2	240	750	12" Wire Braid
A-44B209-1XB	4 1/2	2	240	1000	60" Wire Braid, Expandable
A-44B209-X	4 1/2	2	240	500	24" Wire Braid, Expandable
A-44B309-1B	4 1/2	3	240	1000	36" Wire Braid
A-44C301-XB	4 1/2	3	480	1000	Post Term, Expandable
A-44B341-X	4 1/2	3 1/2	240	1200	Post Term, Expandable
A-44B441-X	4 1/2	4 1/2	240	1600	Post Term, Expandable
A-46B147-2	4 3/4	1 1/2	240	600	48" SS Armor Cable
A-46C242	4 3/4	2 1/2	240/480	360/720	Post Term, 2 Piece
A-46A344	4 3/4	3 1/2	120	1000	10" Fiberglass Lead
A-46B407-1	4 3/4	4	240	1500	60" SS Armor Cable
A-46C401-X	4 3/4	4	480	1200	Post Term, Expandable
A-46B541-XB	4 3/4	5 1/2	240	2000	Post Term, Expandable
A-47B101-X	4 7/8	1	240	500	Post Term, Expandable
A-47E241-X	4 7/8	2 1/2	240/480	720	Post Term, Expandable, Dual Voltage
A-47B401-X	4 7/8	4	240	2000	Post Term, Expandable
A-47E401-S	4 15/16	4	240/480	1200	Post Term, Expandable, Dual Voltage

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Part Number	I.D.	Width	Volts	Watts	Termination
A-50B101	5	1	240	500	Post Term
A-50B104	5	1	240	500	12" Fiberglass Lead
A-50B109	5	1	240	500	36" Wire Braid
A-50B109-1	5	1	240	600	60" Wire Braid
A-50B141-2XB	5	1 1/2	240	700	Post Term, Expandable
A-50B141-X	5	1 1/2	240	1000	Post Term, Expandable
A-50B144-X	5	1 1/2	240	700	10" Fiberglass Lead, Expandable
A-50C141-X	5	1 1/2	480	1000	Post Term, Expandable
A-50C144-X	5	1 1/2	480	770	24" Fiberglass Lead, Expandable
A-50C142	5	1 1/2	240/480	400/800	Post Term, 2 Piece
A-50A204-X	5	2	120	700	10" Fiberglass Lead, Expandable
A-50C202	5	2	240/480	500/1000	Post Term, 2 Piece
A-50B221-X	5	2 1/4	240	1450	Post Term, Expandable
A-50A241-X	5	2 1/2	120	1000	Post Term, Expandable
A-50B241-2XB	5	2 1/2	240	1300	Post Term, Expandable
A-50C241-X	5	2 1/2	480	900	Post Term, Expandable
A-50A309	5	3	120	500	12" Wire Braid
A-50B301-XB	5	3	240	1200	Post Term, Expandable
A-50B307-B	5	3	240	1200	48" SS Armor Cable
A-51B141-X	5 1/8	1 1/2	240	700	Post Term, Expandable
A-51B144-1X	5 1/8	1 1/2	240	700	24" Fiberglass Lead, Expandable
A-52A104-1	5 1/4	1	120	400	10" Fiberglass Lead
A-52B101-X	5 1/4	1	240	650	Post Term, Expandable
A-52B105	5 1/4	1	240	600	12" Fiberglass Lead
A-52C104	5 1/4	1	480	600	36" Fiberglass Lead
A-52C109	5 1/4	1	480	600	12" Wire Braid
A-52B141	5 1/4	1 1/2	240	600	Post Term
A-52B141-1X	5 1/4	1 1/2	240	1000	Post Term, Expandable
A-52B141-1XB	5 1/4	1 1/2	240	1000	Post Term, Expandable

Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-52B141-2XB	5 1/4	1 1/2	240	800	Post Term, Expandable
A-52B141-X	5 1/4	1 1/2	240	600	Post Term, Expandable
A-52C141-1X	5 1/4	1 1/2	480	600	Post Term, Expandable
A-52C141-X	5 1/4	1 1/2	480	1000	Post Term, Expandable
A-52B201-X	5 1/4	2	240	1000	Post Term, Expandable
A-52C203-S	5 1/4	2	240/480	330/660	Post Term, 2 Piece, Partial Coverage
A-52B221-XB	5 1/4	2 1/4	240	1300	Post Term, Expandable
A-52C221-X	5 1/4	2 1/4	480	1300	Post Term, Expandable
A-52B301-X	5 1/4	3	240	1700	Post Term, Expandable
A-52B301-XB	5 1/4	3	240	1700	Post Term, Expandable
A-52C401-X	5 1/4	4	480	2300	Post Term, Expandable
A-52B441-X	5 1/4	4 1/2	240	2700	Post Term, Expandable
A-52B441-XB	5 1/4	4 1/2	240	2400	Post Term, Expandable
A-52C441-X	5 1/4	4 1/2	480	2700	Post Term, Expandable
A-52C441-XB	5 1/4	4 1/2	480	2700	Post Term, Expandable
A-54B149-2	5 1/2	1 1/2	240	750	46" Wire Braid, Expandable
A-54B101	5 1/2	1	240	600	10" Fiberglass Lead
A-54B104-1X	5 1/2	1	240	750	12" Fiberglass Lead, Expandable
A-54B109-1	5 1/2	1	240	750	12" Wire Braid, 36" Fiberglass
A-54C104	5 1/2	1	480	600	12" Fiberglass Lead
A-52B141-1X	5 1/2	1 1/2	240	1000	Post Term, Expandable
A-54B141	5 1/2	1 1/2	240	800	Post Term
A-54B141-X	5 1/2	1 1/2	240	900	Post Term, Expandable
A-54B141-XB	5 1/2	1 1/2	240	900	Post Term, Expandable
A-54B149-1	5 1/2	1 1/2	240	1000	36" Wire Braid
A-54C142	5 1/2	1 1/2	240/480	300/600	Post Term, 2 Piece
A-54B201-X	5 1/2	2	240	600	Post Term, Expandable
A-54B206	5 1/2	2	240	500	36" Wire Braid
A-54B206-1X	5 1/2	2	240	500	48" Wire Braid, Expandable
A-54B209-1XW	5 1/2	2	240	500	24" Wire Braid, Expandable
A-54C201-1X	5 1/2	2	480	1200	Post Term, Expandable

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Part Number	I.D.	Width	Volts	Watts	Termination
A-54A241-X	5 1/2	2 1/2	120	1200	Post Term, Expandable
A-54B241	5 1/2	2 1/2	240	1400	Post Term
A-54C241-X	5 1/2	2 1/2	480	1300	Post Term, Expandable
A-54C244-X	5 1/2	2 1/2	480	950	24" Fiberglass Lead, Expandable
A-54B301-X	5 1/2	3	240	1000	Post Term, Expandable
A-54B304-X	5 1/2	3	240	1000	24" Fiberglass Lead, Expandable
A-54C303	5 1/2	3	240/480	750/1500	Post Term, 2 Piece
A-54C409-1XS	5 1/2	4	480	1600	36" Wire Braid, 3/4" Wide Gap, Expandable
A-54E441-X	5 1/2	4 1/2	240/480	1700	Post Term, Expandable, Dual Voltage
A-56B101-X	5 3/4	1	240	600	Post Term, Expandable
A-56C101-X	5 3/4	1	460	600	Post Term, Expandable
A-56B141-X	5 3/4	1 1/2	240	600	Post Term, Expandable
A-56C141-x	5 3/4	1 1/2	480	100	Post Term, Expandable
A-56B301-X	5 3/4	3	240	1200	Post Term, Expandable
A-56C303	5 3/4	3	240/480	100/1400	Post Term, 2 Piece
A-56B401-X	5 3/4	4	240	1800	Post Term, Expandable
A-57E521-X	5 7/8	5 1/4	240/480	2350	Post Term, Expandable, Dual Voltage
A-60B104-1X	6	1	240	750	12" Fiberglass Lead, Expandable
A-60B104-X	6	1	240	625	10" Fiberglass Lead, Expandable
A-60B107-1SXB	6	1	240	750	36" SS Armor Cable, Expandable
A-60B141-1X	6	1 1/2	240	600	Post Term, Expandable
A-60B141-X	6	1 1/2	240	850	Post Term, Expandable
A-60B144-X	6	1 1/2	240	700	10" Fiberglass Lead, Expandable
A-60B147-1	6	1 1/2	240	850	48" SS Armor Cable
A-60B149-X	6	1 1/2	240	850	12" Wire Braid, Expandable

Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-65C241	6 5/8	2 1/2	480	1250	Post Term, Expandable
A-65C442	6 5/8	4 1/2	240/480	2500/5000	Post Term, 2 Piece
A-65C143-B	6.69	1 1/2	240/480	237/475	Post Term, 2 Piece
A-66B141-1X	6 3/4	1 1/2	240	1000	Post Term, Expandable
A-66B141-2X	6 3/4	1 1/2	240	500	Post Term, Expandable
A-66B141-X	6 3/4	1 1/2	240	815	Post Term, Expandable
A-66C141-1XB	6 3/4	1 1/2	480	1000	Post Term, Expandable
A-66C141-XB	6 3/4	1 1/2	480	1300	Post Term, Expandable
A-66C149	6 3/4	1 1/2	480	800	60" Wire Braid
A-66C142	6 3/4	1 1/2	240/480	500/1000	Post Term, 2 Piece
A-66B201-X	6 3/4	2	240	650	Post Term, Expandable
A-66C241-X	6 3/4	2 1/2	480	1300	Post Term, Expandable
A-66C301-X	6 3/4	3	480	2000	Post Term, Expandable
A-66C302	6 3/4	3	240/480	1500/3000	Post Term, 2 Piece
A-66B341-XB	6 3/4	3 1/2	240	2400	Post Term, Expandable
A-66B361-X	6 3/4	3 3/4	240	1200	Post Term, Expandable
A-66C341-XB	6 3/4	3 1/2	480	2400	Post Term, Expandable
A-66C342	6 3/4	3 1/2	240/480	1200/2400	Post Term, 2 Piece
A-66B401-XB	6 3/4	4	240	2600	Post Term, Expandable
A-66C401-X	6 3/4	4	480	2600	Post Term, Expandable
A-66B461-1X	6 3/4	4 3/4	240	1250	Post Term, Expandable
A-66B501-X	6 3/4	5	240	3700	Post Term, Expandable
A-66B601-XB	6 3/4	6	240	3750	Post Term, Expandable
A-70B101-X	7	1	240	850	Post Term, Expandable
A-70B106	7	1	240	2000	72" Wire Braid
A-70B141-X	7	1 1/2	240	950	Post Term, Expandable
A-70B142	7	1 1/2	120/240	550/1100	Post Term, 2 Piece
A-70B144-X	7	1 1/2	240	815	10" Fiberglass Lead, Expandable
A-70C141-X	7	1 1/2	480	1400	Post Term, Expandable
A-70B202	7	2	120/240	550/1100	Post Term, 2 Piece
A-70B209-1XB	7	2	240	1500	60" Wire Braid
A-70B301-XB	7	3	240	1650	Post Term
A-70C301-1XB	7	3	480	2000	Post Term

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Part Number	I.D.	Width	Volts	Watts	Termination
A-76C202	7 3/4	2	240/480	900/1800	Post Term, 2 Piece
A-76B141-X	7 3/4	1 1/2	240	1100	Post Term, Expandable
A-76C142	7 3/4	1 1/2	240/480	600/1200	Post Term, 2 Piece
A-76B301-1X	7 3/4	3	240	1800	Post Term, Expandable
A-76B301-X	7 3/4	3	240	2000	Post Term, Expandable
A-76C302	7 3/4	3	240/480	900/1800	Post Term, 2 Piece
A-76C303	7 3/4	3	240/480	1000/2000	Post Term, 2 Piece
A-76B341-X	7 3/4	3 1/2	240	1800	Post Term, Expandable
A-76C341-XB	7 3/4	3 1/2	480	2500	Post Term, Expandable
A-76C403	7 3/4	3 1/2	240/480	1500/3000	Post Term, 2 Piece
A-76C401-X	7 3/4	4	480	3000	Post Term, Expandable
A-76C441-XB	7 3/4	4 1/2	480	3150	Post Term, Expandable
A-80B101-X	8	1	240	500	Post Term, Expandable
A-80B107-1X	8	1	240	800	48" Armor Cable, Expandable
A-80B1419-1X	8	1 1/2	240	1300	Euro Plug Box, Expandable
A-80B1419-XB	8	1 1/2	240	850	Euro Plug Box, Expandable
A-80B141-X	8	1 1/2	240	850	Post Term, Expandable
A-80B147-1X	8	1 1/2	240	800	48" Armor Cable, Expandable
A-80C141-X	8	1 1/2	480	1000	Post Term, Expandable
A-80C142	8	1 1/2	240/480	600/1200	Post Term, 2 Piece
A-80C147-1XB	8	1 1/2	480	1200	36" Armor Cable, Expandable
A-80B2019-1X	8	2	240	1500	Euro Plug Box, Expandable
A-80B201-TX	8	2	240	1800	Post Term, T/C Hole, Expandable
A-80C201-X	8	2	480	1600	Post Term, Expandable
A-80E201-X	8	2	240/480	1400	Post Term, Expandable, Dual Voltage
A-80C249-1S	8	2 1/2	480	1500	48" Wire Braid, Spring Latch
A-80B301-X	8	3	240	2000	Post Term, Expandable
A-80B309-X	8	3	240	2000	36" Wire Braid, Expandable
A-80C301-X	8	3	480	1900	Post Term, Expandable
A-80B401-1XB	8	4	240	2100	Post Term, Expandable
A-80B441-XB	8	4	240	2275	Post Term, Expandable

Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-60B201-X	6	2	240	1450	Post Term, Expandable
A-60B204-X	6	2	240	800	36" Fiberglass Lead, Expandable
A-60B209-1XB	6	2	240	1500	60" Wire Braid, Expandable
A-60E201-1XB	6	2	240/480	714	Post Term, Expandable, Dual Voltage
A-60E221-1XB	6	2 1/4	240/480	1070	Post Term, Expandable, Dual Voltage
A-60C301-X	6	3	480	900	Post Term, Expandable
A-60E361-1XB	6	3 3/4	240/480	1750	Post Term, Expandable, Dual Voltage
A-60B401-XF	6	4	240	1000	Post Term, Expandable
A-62C141-X	6 1/4	1 1/2	480	1200	Post Term, Expandable
A-62B201-1X	6 1/4	2	240	650	Post Term, Expandable
A-62B204-X	6 1/4	2	240	650	10" Fiberglass Lead, Expandable
A-62B206-X	6 1/4	2	240	600	12" Wire Braid, Expandable
A-62C303	6 1/4	3	240/480	625/1250	Post Term, 2 Piece
A-62EZ409	6 1/4	4	240/480	425/850	24" Wire Braid, Dual Zone
A-62B402-F	6 1/4	4	240/480	1500/3000	Post Term, 2 Piece, Flange Lockup
A-62B441-X	6 1/4	4 1/2	240	2700	Post Term, Expandable
A-62B402-F	6 1/4	4 1/2	240/480	1500/3000	Post Term, 2 Piece, Flange Lockup
A-62C643-1TXB	6 1/4	6 1/2	480	3700	Post Term, Expandable, T/C Hole
A-63C601-F	6 3/8	6	480	3000	Post Term, Flange Lockup
A-64B141-X	6 1/2	1 1/2	240	900	Post Term, Expandable
A-64C141-XB	6 1/2	1 1/2	480	1200	Post Term, Expandable
A-64B201-1	6 1/2	2	240	1200	Post Term
A-64B204-X	6 1/2	2	240	700	10" Fiberglass Lead, Expandable
A-64A241-X	6 1/2	2 1/2	120	950	Post Term, Expandable
A-64E302	6 1/2	3	240/480	600/1200	Post Term, 2 Piece
A-64B361-X	6 1/2	3 3/4	240	1200	Post Term, Expandable
A-64B401-X	6 1/2	4	240	1800	Post Term, Expandable
A-64C801-X	6 1/2	8	480	3900	Post Term, Expandable

***** Many Additional Sizes Available,
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Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-72C142	7 1/4	1 1/2	240/480	500/1000	Post Term, 2 Piece
MG41T0	7 1/2	1	240/480	400/800	Post Term, 2 Piece
A-74B142	7 1/2	1 1/2	120/240	500/1000	Post Term, 2 Piece
A-74B141-1X	7 1/2	1 1/2	240	815	Post Term, Expandable
A-74C142	7 1/2	1 1/2	240/480	600/1200	Post Term, 2 Piece
A-74E147-X	7 1/2	1 1/2	240/480	1000	48" Armor Cable, Dual Voltage
A-74B201-X	7 1/2	2	240	1250	Post Term, Expandable
A-74C221-BX	7 1/2	2 1/4	480	850	Post Term, Expandable
A-74B241-1X	7 1/2	2 1/2	240	1700	Post Term, Expandable
A-74C242	7 1/2	2 1/2	240/480	850/1700	Post Term, 2 Piece
A-74B301-X	7 1/2	3	240	1500	Post Term, Expandable
A-74C301-X	7 1/2	3	480	1800	Post Term, Expandable
A-74E303	7 1/2	3	240/480	900/1800	Post Term, 2 Piece
A-74B341-XB	7 1/2	3 1/2	240	2325	Post Term, Expandable
A-74B401-X	7 1/2	4	230	3400	Post Term, Expandable
A-74C4011-1	7 1/2	4	480	3000	Post Term, Terminal Box
A-74B501-1X	7 1/2	5	240	3350	Post Term, Expandable
A-74C141-X	7 1/2	1 1/2	480	1000	Post Term, Expandable
A-75C242	7 5/8	2 1/2	240/480	650/1300	Post Term, 2 Piece
A-75B301-1XB	7 5/8	3	240	2000	Post Term, Expandable
A-75B301-2XB	7 5/8	3	240	2200	Post Term, Expandable
A-75B301-XB	7 5/8	3	240	1800	Post Term, Expandable
A-75C301-BX	7 5/8	3	480	2200	Post Term, Expandable
A-75C302	7 5/8	3	240/480	900/1800	Post Term, 2 Piece
A-75C441-XB	7 5/8	4 1/2	480	3150	Post Term, Expandable

Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-80B146-X	8	1 1/2	240	600	12" Wire Braid, Expandable
A-80C402	8	4	240/480	1000/2000	Post Term, 2 Piece
A-80E441-XB	8	4 1/2	240/480	2000	Post Term, Expandable, Dual Voltage
A-80E541-XB	8	5 1/2	240/480	3800	Post Term, Expandable, Dual Voltage
A-82B141-X	8 1/4	1 1/2	240	1100	Post Term, Expandable
A-82B201-XB	8 1/4	2	240	1800	Post Term, Expandable
A-82C241-XB	8 1/4	2 1/2	480	2000	Post Term, Expandable
A-82B301-XB	8 1/4	3	240	1800	Post Term, Expandable
A-82C303	8 1/4	3	240/480	1150/2300	Post Term, 2 Piece
A-82C303-1	8 1/4	3	240/480	900/1800	Post Term, 2 Piece
A-82C402	8 1/4	4	240/480	900/1800	Post Term, 2 Piece
A-82C402-1	8 1/4	4	240/480	1500/3000	Post Term, 2 Piece
A-84B441-X	8 7/16	4 1/2	240	2275	Post Term, Expandable
A-84B501-XB	8 7/16	5	240	3250	Post Term, Expandable
A-84C142	8 1/2	1 1/2	240/480	550/1100	Post Term, 2 Piece
A-84B201-XB	8 1/2	2	240	1800	Post Term, Expandable
A-84C202	8 1/2	2	240/480	900/1800	Post Term, 2 Piece
A-84C249-X	8 1/2	2 1/2	480	470	72" Wire Braid, Expandable
A-84B401-1X	8 1/2	4	240	3255	Post Term, Expandable
A-84B401-X	8 1/2	4	240	3150	Post Term, Expandable
A-84C402-1	8 1/2	4	240/480	1675/3350	Post Term, 2 Piece
A-84E541-XB	8 1/2	5 1/2	240/480	3800	Post Term, Expandable, Dual Voltage
A-86B301-X	8 3/4	3	240	2000	Post Term, Expandable
A-86C301-XB	8 3/4	3	480	2000	Post Term, Expandable

***** Many Additional Sizes Available,
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Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-90B141-X	9	1 1/2	240	1500	Post Term, Expandable
A-90C142	9	1 1/2	240/480	750/1500	Post Term, 2 Piece
A-90B201-X	9	2	240	1800	Post Term, Expandable
A-90C303-B	9	3	240/480	675/1350	Post Term, 2 Piece
A-90C403	9	4	240/480	1250/2500	Post Term, 2 Piece
A-92E341-X	9 1/4	3 1/2	240/480	3900	Post Term, Expandable, Dual Voltage
A-94B451-XB	9 7/16	4 11/16	240	3425	Post Term, Expandable
A-94C301-1XB	9 7/16	3	480	2300	Post Term, Expandable
A-94B1411-XB	9 1/2	1 1/2	240	900	Post Term, Expandable, Terminal Box
A-94C142	9 1/2	1 1/2	240/480	500/1000	Post Term, 2 Piece
A-90B201-X	9 1/2	2	240	1800	Post Term, Expandable
A-94B209-1XB	9 1/2	2	240	1500	60" Wire Braid, Expandable
A-94E201-XB	9 1/2	2	240/480	1700	Post Term, Expandable, Dual Voltage
A-94B301-X	9 1/2	3	240	2000	Post Term, Expandable
A-94C301-X	9 1/2	3	480	2000	Post Term, Expandable
A-94E341-XB	9 1/2	3 1/2	240/480	3000	Post Term, Expandable, Dual Voltage
A-94C361-XB	9 1/2	3 3/4	480	3900	Post Term, Expandable
A-94C401-XB	9 1/2	4	480	4800	Post Term, Expandable
A-94C501-XB	9 1/2	5	480	4500	Post Term, Expandable
A-94C502	9 1/2	5	240/480	2250/4500	Post Term, 2 Piece
A-94C541-XB	9 1/2	5 1/2	480	4900	Post Term, Expandable
A-94C601-1XB	9 1/2	6	480	1000	Post Term, Expandable
A-94C601-XB	9 1/2	6	480	5400	Post Term, Expandable
A-94C603	9 1/2	6	240/480	2000/4000	Post Term, 2 Piece
A-95B341-1X	9 5/8	3 1/2	240	2000	Post Term, Expandable
A-96B301-X	9 3/4	3	240	2000	Post Term, Expandable
A-96C602	9 3/4	6	240/480	2000/4000	Post Term, 2 Piece

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*****Many Additional Sizes Available,
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Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-100B1419-1X	10	1 1/2	240	1200	Euro Plug, Expandable
A-100B141-P	10	1 1/2	240	1275	Post Term, Partial Coverage
A-100B141-X	10	1 1/2	240	1000	Post Term, Expandable
A-100B145-X	10	1 1/2	240	800	36" Fiberglass Lead, Expandable
A-100B147-1X	10	1 1/2	240	800	48' Armor Cable, Expandable
A-100C142	10	1 1/2	240/480	700/1400	Post Term, 2 Piece
A-100B201-TX	10	2	240	1700	Post Term, Expandable, T/C Hole
A-100B209-1XB	10	2	240	1500	60" Wire Braid, Expandable
A-100C201-1X	10	2	480	1500	72" Wire Braid Leads, Expandable
A-100C201-X	10	2	480	1500	Post Term, Expandable
A-100C202	10	2	240/480	950/1900	Post Term, 2 Piece
A-100C241-X	10	2 1/2	480	1500	72" Wire Braid Leads, Expandable
A-100C302	10	3	240/480	1000/2000	Post Term, 2 Piece
A-100E303-X	10	3	240/480	2500	Post Term, Expandable, Dual Voltage
A-100C402	10	4	240/480	1500/3000	Post Term, 2 Piece
A-102C242	10 1/4	2 1/2	240/480	1200/2400	Post Term, 2 Piece
A-102B302	10 1/4	3	120/240	1000/2000	Post Term, 2 Piece
A-102B401-X	10 1/4	4	240	3500	Post Term, Expandable
A-102C401-XB	10 1/4	4	480	2500	Post Term, Expandable
A-104E201-XB	10 1/2	2	240/480	2000	Post Term, Expandable, Dual Voltage
A-104E341-XB	10 1/2	3 1/2	240/480	3300	Post Term, Expandable, Dual Voltage
A-106B141-P	10 3/4	1 1/2	240	1400	Post Term, Partial Coverage
A-106B141-X	10 3/4	1 1/2	240	1400	Post Term, Expandable
A-106B301-P	10 3/4	3	240	2000	Post Term, Partial Coverage
A-106B301-X	10 3/4	3	240	2500	Post Term, Expandable

***** Many Additional Sizes Available,
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Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-110B141-X	11	1 1/2	240	1400	Post Term, Expandable
A-110C142	11	1 1/2	240/480	1000/2000	Post Term, 2 Piece
A-110C149-1TS	11	1 1/2	480	1000	72" Wire Braid, T/C Hole
A-110B202	11	2	240/480	1000/2000	Post Term, 2 Piece
A-110B241-X	11	2 1/2	240	2050	Post Term, Expandable
A-110C241-XB	11	2 1/2	480	2065	Post Term, Expandable
A-110B301-X	11	3	240	1400	Post Term, Expandable
A-110C301-1XB	11	3	480	2000	Post Term, Expandable
A-110C301-2XB	11	3	480	2600	Post Term, Expandable
A-110C301-XB	11	3	480	2950	Post Term, Expandable
A-110C303	11	3	240/480	1000/2000	Post Term, 2 Piece
A-110C303-1	11	3	240/480	1500/3000	Post Term, 2 Piece
A-110C401-X	11	4	480	1500	Post Term, Expandable
A-112C303	11 1/4	3	240/480	1200/2400	Post Term, 2 Piece
A-112C502	11 1/4	5	240/480	2550/5100	Post Term, 2 Piece
A-114B141-X	11 1/2	1 1/2	240	1200	Post Term, Expandable
A-114C142	11 1/2	1 1/2	240/480	1000/2000	Post Term, 2 Piece
A-114B301-1X	11 1/2	3	240	2200	Post Term, Expandable
A-114C302-1	11 1/2	3	240/480	1200/2400	Post Term, 2 Piece
A-114C341-X	11 1/2	3 1/2	480	3900	Post Term, Expandable
A-114C402	11 1/2	4	240/480	1900/3800	Post Term, 2 Piece
A-114C522	11 1/2	5 1/4	240/480	2700/5400	Post Term, 2 Piece
A-120B149-1XB	12	1 1/2	240	1500	60" Wire Braid, Expandable
A-120C303	12	2	240/480	1000/2000	Post Term, 2 Piece
A-120B301-X	12	3	240	3000	Post Term, Expandable
A-120C303	12	3	240/480	1000/2000	Post Term, 2 Piece
A-120C302-1	12	3	240/480	1415/2830	Post Term, 2 Piece

Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-120C409-1X	12	4	480	2000	84" Wire Braid, Expandable
A-120C409-P	12	4	480	2000	72" Wire Braid, Partial Coverage
A-120C602	12	6	240/480	2000/4000	Post Term, 2 Piece
A-120B229-X	12	2 1/4	240	2700	72" Wire Braid, Expandable
A-122C742-T	12 1/8	7 1/2	240/480	2000/4000	12" Wire Braid, 2 Piece, 2 T/C Holes
A-122C302	12 1/4	3	240/480	1500/3000	Post Term, 2 Piece
A-124B304-X	12 1/2	3	240	1600	10" Fiberglass Lead, Expandable
A-124C342	12 1/2	3 1/2	240/480	1250/2500	Post Term, 2 Piece
A-124E401-XB	12 1/2	4	240/480	1650/3300	Post Term, Expandable
A-126C241-XB	12 3/4	2 1/2	480	3000	Post Term, Expandable
A-126C461-XB	12 3/4	4 3/4	480	5000	Post Term, Expandable
A-130C141-X	13	1 1/2	480	1400	Post Term, Expandable
A-130C142	13	1 1/2	240/480	700/1400	Post Term, 2 Piece
A-130C149-1S	13	1 1/2	480	1500	48" Wire Braid, Spring Latch
A-130B209-1XB	13	2	240	1500	60" Wire Braid, Expandable
A-130C3011-B	13	3	480	3000	Post Term, Terminal Box
A-130C302-1	13	3	240/480	1750/3500	Post Term, 2 Piece
A-130C303-1	13	3	240/480	1000/2000	Post Term, 2 Piece
A-130C3411-X	13	3 1/2	480	3500	Post Term, Expandable, Terminal Box
A-130C361-XB	13	3 3/4	480	3900	Post Term, Expandable
A-130E461-XB	13	4 3/4	240/480	500	Post Term, Expandable, Dual Voltage
A-130C603-B	13	6	240/480	1837/3675	Post Term, Expandable, 2 Piece
A-134C201-XB	13 1/2	2	480	2400	Post Term, Expandable
A-137C302	13 7/8	3	240/480	1500/3000	Post Term, 2 Piece
A-142B24	14 1/4	2	240	3000	12" Fiberglass Lead
A-146C209-1	14 3/4	3	480	2300	84" Wire Braid

***** Many Additional Sizes Available,
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Part Number	I.D.	Width	Volts	Watts	Termination
A-150B141	15	1 1/2	240/480	1100/2200	Post Term, 2 Piece
A-150C303	15	3	240/480	2000/4000	Post Term, 2 Piece
A-150C403	15	4	240/480	2250/4500	Post Term, 2 Piece
A-154C2411-XB	15 1/2	2 1/2	480	2250	Post Term, Terminal Box, Expandable
A-170C142	17	1 1/2	240/480	750/1500	Post Term, 2 Piece
A-180C402	18	4	240/480	1700/3400	Post Term, 2 Piece
A-204C3015-1B	20 1/2	3	480	1500	Post Term, 2 Piece
A-204C4415-1B	20 1/2	4 1/2	480	3622	Post Term, 2 Piece, Terminal Box
A-330C4015-1B	33	4	480	4000	Post Term, 2 Piece, Terminal Box

Other Mica Heater Styles Available

Square Bands

Rectangular Bands

Additional Options

- √ Partial Coverage
- √ Extra Wide Gap
- √ Holes / Cut Outs / Notches
- √ 3 Phase or Dual Voltage or two circuit
- √ Ground Terminals or Ground Wire
- √ Thermocouple Bayonet Adaptor mounted on the heater.
- √ Hinged Two-Piece Band
- √ Low Profile Terminals
- √ Mounting Flange
- √ Non-Standard location of leads or terminals
- √ Clamp Strap with Pads
- √ Built-In Thermocouple

AI HEATERS

“AI” Nozzle bands offer a unique combination of quality and durability at an affordable price. They are consistent performers for a variety of heating applications.

“AI” SERIES MICA BETTER NOZZLE BAND HEATERS

Prices are for standard bands with 10” fiberglass leads.

Part Number	I.D. x Width	Volts	Watts	Price Each 1-9pcs	Price each 10pcs& up
A1-14	1 x 1	120	100	\$13.65	\$11.70
A1-70	1 x 1.5	120	150	\$13.65	\$11.70
A1-43	1 x 2	120	200	\$13.95	\$11.95
A1-71	1 x 3	120	300	\$15.85	\$13.60
A1-53	1.5 x 1	120	150	\$13.65	\$11.70
A1-24	1.5 x 1.5	120	275	\$13.65	\$11.70
A1-26	1.5 x 2	120	300	\$14.15	\$12.15
A1-34	1.5 x 3	120	450	\$16.08	\$13.78
A1-12	1.5 x 4	120	500	\$17.70	\$15.17
A1-41	1.5 x 5	120	600	\$19.16	\$16.42
A1-102	1.5 x 6	120	850	\$21.05	\$18.05
A1-17	1 x 1	240	100	\$13.65	\$11.70
A1-52	1 x 1.5	240	150	\$13.65	\$11.70
A1-25	1 x 2	240	200	\$13.95	\$11.95
A1-72	1 x 3	240	300	\$15.85	\$13.60
A1-54	1.5 x 1	240	150	\$13.65	\$11.70
A1-22	1.5 x 1.5	240	275	\$13.65	\$11.70
A1-36	1.5 x 2	240	300	\$14.15	\$12.15
A1-38	1.5 x 3	240	450	\$16.08	\$13.78
A1-15	1.5 x 4	240	500	\$17.70	\$15.17
A1-40	1.5 x 5	240	600	\$19.16	\$16.42
A1-80	1.5 x 6	240	850	\$21.05	\$18.05



All prices are subject to change without notice.

Discount applies per line item and quantities not combined.

PE HEATERS

Use our "PE" - Pure Economy nozzle bands where a good quality economical nozzle band solution is needed. These bands are offered for our customers who go through high volumes of nozzle bands.

"PE" SERIES MICA NOZZLE BAND HEATERS

Prices are for standard bands with 10" fiberglass leads.



Part Number	I.D. x Width	Volts	Watts	Price Each 1-9pcs	Price each 10pcs & up
PE-14	1 x 1	120	100	\$9.20	\$8.10
PE-70	1 x 1.5	120	150	\$9.20	\$8.10
PE-43	1 x 2	120	200	\$9.20	\$8.10
PE-71	1 x 3	120	300	\$11.00	\$9.70
PE-53	1.5 x 1	120	150	\$9.20	\$8.10
PE-24	1.5 x 1.5	120	275	\$9.20	\$8.10
PE-26	1.5 x 2	120	300	\$11.00	\$9.70
PE-34	1.5 x 3	120	450	\$11.00	\$9.70
PE-12	1.5 x 4	120	500	\$12.70	\$11.20
PE-41	1.5 x 5	120	600	\$15.20	\$13.60
PE-102	1.5 x 6	120	850	\$17.20	\$15.40
PE-17	1 x 1	240	100	\$9.20	\$8.10
PE-52	1 x 1.5	240	150	\$9.20	\$8.10
PE-25	1 x 2	240	200	\$9.20	\$8.10
PE-72	1 x 3	240	300	\$11.00	\$9.70
PE-54	1.5 x 1	240	150	\$9.20	\$8.10
PE-22	1.5 x 1.5	240	275	\$9.20	\$8.10
PE-36	1.5 x 2	240	300	\$11.00	\$9.70
PE-38	1.5 x 3	240	450	\$11.00	\$9.70
PE-15	1.5 x 4	240	500	\$12.70	\$11.20
PE-40	1.5 x 5	240	600	\$15.20	\$13.60
PE-48	1.5 x 5	240	700	\$15.20	\$13.60
PE-80	1.5 x 6	240	850	\$17.20	\$15.40

All prices are subject to change without notice.

Discount applies per line item and quantities not combined.

Metric Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-M35A20M6-1B	35 MM	20 MM	120	75	48" Wire Braid
A-M35B20M6-1B	35 MM	20 MM	240	75	48" Wire Braid
A-M35C38M4	35 MM	38 MM	480	210	12" Fiberglass Lead
A-M35A60M26-1BS	35 MM	60 MM	120	300	48" Wire Braid
A-M35A60M9-1B	35 MM	60 MM	120	314	48" Wire Braid
A-M40B110M9-S	40 MM	110 MM	240	440	48" Wire Braid
A-M40C70M4-HP	40 MM	70 MM	480	550	24" Wire Braid, Expandable, High Performance
A-M45A34M30-1F	45 MM	34 MM	120	270	40" Wire Braid, Flange Lock Up
A-M45A34M9-1W	45 MM	34 MM	120	250	36" Wire Braid
A-M45B34M30-1F	45 MM	34 MM	240	270	40" Wire Braid, Flange Lock Up
A-M47A60M4-H1	47 MM	60 MM	120	310	12" Fiberglass Lead
A-M50A70M30-1TF	50 MM	70 MM	120	600	48" Wire Braid, Flange Lock Up, T/C Hole
A-M50B70M30-1TF	50 MM	70 MM	240	600	48" Wire Braid, Flange Lock Up, T/C Hole
A-M55B24M6-1	55 MM	24 MM	240	200	36" Wire Braid
A-M55C35M4-HP	55 MM	35 MM	480	500	24" Wire Braid, High Performance
A-M60A50M6-1	60 MM	50 MM	120	380	48" Wire Braid
A-M60B72M5-1BG	60 MM	72 MM	240	560	36" Wire Braid with Ground Wire
A-M60B76M4-B	60 MM	76 MM	240	600	12" Fiberglass Lead
A-M65B140M1-TB	65 MM	140 MM	240	1400	Post Term, T/C Hole
A-M65A30M9-1B	65 MM	30 MM	120	290	38" Wire Braid
A-M65A40M9-1	65 MM	40 MM	120	250	36" Wire Braid
A-M65A73M9-1	65 MM	73 MM	120	450	36" Wire Braid

***** Many Additional Sizes Available,
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Metric Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-M70B30M6-1	70 MM	30 MM	240	160	24" Wire Braid
A-M70B35M9	70 MM	35 MM	240	400	10" Fiberglass Lead
A-M70B50M6-1B	70 MM	50 MM	240	600	84" Wire Braid
M-50851	70 MM	55 MM	240	400	48" Fiberglass Lead, T/C Hole
A-M70A65M-1XBT	70 MM	65 MM	120	280	Post Term, Expandable, , T/C Hole
A-M70A95M30-1TF	70 MM	95 MM	120	800	48" Wire Braid, T/C Hole, Flange Lockup
A-M70B95M30-1TF	70 MM	95 MM	240	800	48" Wire Braid, T/C Hole, Flange Lockup
A-M71A43M1	71 MM	43 MM	110	380	Post Term
A-M78A78M-1XBT	78 MM	78 MM	120	380	Post Term, Expandable, T/C Hole
A-M82C30M4-B	82 MM	30 MM	480	400	12" Fiberglass Lead
A-M90B130M9-XTL	90 MM	130 MM	220	900	36" Wire Braid, T/C Hole
A-M90B130M9-XT	90 MM	130 MM	240	900	36" Wire Braid, T/C Hole
A-M90B75M4	90 MM	75 MM	240	850	12" Fiberglass Lead
A-M90B75M4-T	90 MM	75 MM	240	700	12" Fiberglass Lead, T/C Hole
A-M90B90M1-TB	90 MM	90 MM	240	600	Post Term, T/C Hole
A-M95A24M6-1B	95 MM	24 MM	120	600	48" Wire Braid
A-M95B24M6-1B	95 MM	24 MM	240	600	48" Wire Braid
A-M100A24M6-1B	100 MM	24 MM	120	600	48" Wire Braid
A-M100E50M27-1B	100 MM	50 MM	240/480	315	24" Wire Braid, 2 Zone Heater
A-M115E115M1-XB	115 MM	115 MM	240/480	1200	Post Term, Dual Voltage
A-M120B135M-XB	120 MM	135 MM	240	2300	Post Term, T/C Hole
A-M120C135M1-XTB	120 MM	135 MM	460	2240	Post Term, T/C Hole, Expandable

Metric Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-M124B140M1-1XB	124 MM	140 MM	240	2300	Post Term, Expandable
A-M130EZ100M27-1B	130 MM	100 MM	240/480	1630	72" Wire Braid, 2 Zone Heater
A-M130E70M11-XB	130 MM	70 MM	240/480	1400	Post Term, Expandable, 2 Zone Heater
A-M132B148M-XBT	132 MM	148 MM	240	2300	Post Term, Expandable, T/C Hole
A-M132A55M-1XBT	132 MM	55 MM	120	690	Post Term, Expandable, T/C Hole
A-M132B55M25-1	132 MM	55 MM	120/240	345/690	36" Wire Braid, 2 Piece
A-M132B72M-XB	132 MM	72 MM	240	1110	Post Term, Expandable,
A-M135B130M1-XB	135 MM	130 MM	240	850	Post Term, Expandable,
A-M137B120M1-XB	137 MM	120 MM	240	2240	Post Term, Expandable,
A-M140B55M9-1B	140 MM	55 MM	240	970	48" Wire Braid
A-M140E75M11-B	140 MM	75 MM	240/480	1200	Post Term, Dual Voltage
A-M145C100M3-XB	145 MM	100 MM	460	1800	Post Term, Expandable,
A-M145C140M19-X	145 MM	140 MM	480	240	Erge Plug, Expandable, Terminal Box
A-M145B145M3	145 MM	145 MM	240/480	750/1500	2 Piece, Post Term
A-M145C170M3-XB	145 MM	170 MM	460	2550	Post Term, Expandable
A-M145B2401-TDB	145 MM	240 MM	220/440	3170	Post Term, Dual Circuit, T/C Hole
A-M150B120M11-1	150 MM	120 MM	220	1600	Post Term, Term Box
A-M150B120M11	150 MM	120 MM	240	1800	Post Term, Term Box
A-M154A65M-1XBT	154 MM	65 MM	120	950	Post Term, T/C Hole
A-M155C140M3-XB	155 MM	140 MM	460	2200	Post Term, Expandable
A-M155C145M3	155 MM	145 MM	240/480	1350/2700	Post Term, 2 Piece
A-M155C150M31-B	155 MM	150 MM	480	3000	Erge Plug, Terminal Box

***** Many Additional Sizes Available,
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Metric Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-M160C140M1-XBT	160 MM	140 MM	480	2400	Post Term, T/C Hole, Expandable
A-M162EZ100M27-1B	162 MM	100 MM	240/480	1700	72" Wire Braid, Dual Circuit
A-M165E55M3-1XB	165 MM	55 MM	240/480	1270	Post Term, Dual Circuit
A-M165C80M2-1T	165 MM	80 MM	240/480	655/1310	2 Piece, Post Term, T/C Hole
A-M165C80M2-T	165 MM	80 MM	240/480	870/1740	2 Piece, Post Term, T/C Hole
A-M165E165M3-1XBT	165 MM	165 MM	240/480	3700	Post Term, Dual Circuit
A-M170B1309-TXB	170 MM	130 MM	220	2080	24" Wire Braid, Expandable, T/C Hole
A-M170C140M20-1B	170 MM	140 MM	240/480	1250/2500	22" Wire Braid, 2 Piece
A-M170B659-XB	170 MM	65 MM	220	1100	24" Wire Braid, Expandable
A-M170B90M3	170 MM	90 MM	240/480	538/1076	2 Piece, Post Term
A-M175B120M1-X	175 MM	120 MM	240	300	Post Term, Expandable
A-M180C153M2-T	180 MM	153 MM	240/480	1250/2500	2 Piece, Post Term, T/C Hole
A-M185C200M2-B	185 MM	200 MM	240/480	1000/2000	2 Piece, Post Term
A-M187C198M2-WG	187 MM	198 MM	230/460	3000/6000	2 Piece, Post Term
A-M190B95M3	190 MM	90 MM	240/480	450/900	2 Piece, Post Term
A-M190C95M3-1	190 MM	95 MM	240/480	1050/2100	2 Piece, Post Term
A-M190B185M1-X	190 MM	185 MM	240	3800	Post Term, Expandable
A-M194C127M11-T	195 MM	127 MM	480	2400	Post Term, T/C Hole
A-M200B105M3	200 MM	105 MM	240/480	1050/2100	2 Piece, Post Term
A-M212C101M1-XBH3T	212 MM	101 MM	480	2700	Post Term, Expandable, T/C Hole
A-M212C101M1-XBH4T	212 MM	101 MM	480	2200	Post Term, Expandable, T/C Hole
A-M215C58M2-TS	215 MM	58 MM	240/480	850/1700	2 Piece, Post Term, T/C Hole
A-M215C60M2	215 MM	60 MM	240/480	850/1700	2 Piece, Post Term

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Metric Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-M220C110M3	220 MM	110 MM	240/480	1200/2400	2 Piece, Post Term
A-M224C199M1-XBH5-7T	224 MM	199 MM	480	4200	Post term, Expandable, T/C Hole
A-M235B85M1-X	235 MM	85 MM	240	2500	Post Term, Expandable
A-M240C130M3-1B	240 MM	130 MM	240/480	1200/2400	2 Piece, Post Term
A-M240C180M3-2TB	240 MM	180 MM	240/480	1250/2500	2 Piece, Post Term, T/C Hole
A-M247C53M9-1X	247 MM	53 MM	460	1700	72" Wire Braid, Expandable
A-M250C221-XBT	250 MM	221 MM	480	5200	Post Term, Expandable, T/C Hole
A-M260B90M1-X	260 MM	90 MM	240	2900	Post Term, Expandable
A-M265C127M1-XBH3T	265 MM	127 MM	480	4300	Post Term, Expandable, T/C Hole
A-M265C145M1-XBH3T	265 MM	145 MM	480	4900	Post Term, Expandable, T/C Hole
A-M265C145M1-XBH4T	265 MM	145 MM	480	4100	Post Term, Expandable, T/C Hole
A-M270B180M1-XBHT	270 MM	180 MM	240	4580	Post Term , Expandable
5033759	280 MM	100 MM	460	3500	Post Term, Expandable
A-M290C100M9-1XB	290 MM	100 MM	480	2650	48" Wire Braid, Expandable
A-M290C185M1-XB	290 MM	185 MM	480	3200	Post Term, Expandable

***** Many Additional Sizes Available,
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Metric Mica Band Heaters

Part Number	I.D.	Width	Volts	Watts	Termination
A-M300C145M2-T	300 MM	145 MM	230/460	2350/4700	2 Piece, Post Term, T/C Hole
A-M300B200M11-1X	300 MM	200 MM	240	3800	Post Term, Terminal Box
A-M300C280M-1XBTL	300 MM	280 MM	480	7800	Post term, Expandable, T/C Hole
A-M300C290M3-B	300 MM	290 MM	240/480	3300/6600	2 Piece, Post Term
A-M310C200M3-BT	310 MM	200 MM	240/480	4000/8000	2 Piece, Post Term, T/C Hole
A-M315C170M-1XBTL	315 MM	170 MM	480	4700	Post term, Expandable, T/C Hole
A-M315C170M11-XB	315 MM	170 MM	480	4700	Post Term, Terminal Box, Expandable
A-M315C170M15-B	315 MM	170 MM	240/480	2350/4700	2 Piece, Post Term, Terminal Box
A-M330C100M3-1B	330 MM	100 MM	240/480	1350/2700	2 Piece, Post Term
A-M330C145M3-1TB	330 MM	142 MM	240/480	2255/4500	2 Piece, Post Term, T/C Hole
5033747	345 MM	55 MM	460	2500	Post term, Expandable
A-M355C195M-1XBTL	355 MM	195 MM	480	6000	Post term, Expandable, T/C Hole

Part Number	I.D.	Width	Volts	Watts	Termination
B-10B204	1	2	240	200	12" Fiberglass Lead
B-14B104	1 1/2	1	240	150	10" Fiberglass Lead
B-14B144-1	1 1/2	1 1/2	240	300	10" Fiberglass Lead
B-14B144-4	1 1/2	1 1/2	240	350	10" Fiberglass Lead
B-14B144-5	1 1/2	1 1/2	240	175	12" Fiberglass Lead
B-14B204	1 1/2	2	240	300	10" Fiberglass Lead
B-14B204-2	1 1/2	2	240	375	10" Fiberglass Lead
B-14B204-3	1 1/2	2	240	400	10" Fiberglass Lead
B-14B204-4	1 1/2	2	240	350	12" Fiberglass Lead
B-14B204-5	1 1/2	2	240	275	10" Fiberglass Lead
B-14B244	1 1/2	2 1/2	240	300	12" Fiberglass Lead
B-14B244-1	1 1/2	2 1/2	240	400	12" Mica Gla. Leads
B-14B244-3	1 1/2	2 1/2	240	350	10" Fiberglass Lead
B-14B304	1 1/2	3	240	800	10" Fiberglass Lead
B-14B404	1 1/2	4	240	550	10" Fiberglass Lead
B-14B504-1	1 1/2	5	240	750	10' Mica Gla. Leads
B-16B206-1	1 3/4	2	240	750	36" Wire Braid
B-20B104	2	1	240	300	12" " Fiberglass Lead
B-20B064-1	2	3/4	240	240	48" Fiberglass Lead
B-22B104	2 1/4	1	240	350	12" Fiberglass Lead
B-23B124-1	2 3/8	1 1/4	220	300	24" Fiberglass Lead
B-24B404	2 1/2	4	230	1200	10" Fiberglass Lead

***** Many Additional Sizes Available,
Please Call!**

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Ceramic Terminal Covers

Used on the following heaters: Mica Band, Ceramic Band, Better Bands, Channel Strip, Finned Strip and Mica Strip. Provides an electrically safe environment on standard post terminals. Specify post size.

PART #	POST SIZE
901	10-24
902	8-32
903	10-32
904	1/4-20



Ceramic Wire Nuts

An excellent connector for high temperature applications up to 1650° C (3000°F).



PART #	POST SIZE	HEIGHT
PWN#1	18-22	11/16"
PWN#5	16-18	3/4"
PWN#7	14-16	27/32"
PWN#8	10-12	1"

Stakon Lugs

High-temperature, corrosion resistant, solid nickel stakon lug connectors.

PART #	STUD	WIRE SIZE
909	1/4"	8
911	#10	10-12
913	1/4"	10-12
915	#10	14-16
917	#10	18-22



Butt Connectors

High-temperature connectors, for quick and easy wire splices. Solid nickel. Use with fiberglass tape or fiberglass sleeving.



PART #	GAUGE
921	10-12
924	14-16
927	16-22

Fiberglass Tape

Provide Heat-stable Insulation. For furnace and oven controls, motor leads and switches. Operates at 356°F (180°C), and adheres with thermosetting pressure sensitive adhesive.

PART #	SIZE
975H	1/2" W X 66' L X .0075"
976H	3/4" W X 66' L X .0075"



Fiberglass Sleeving

High-temperature fiberglass sleeving with resin-binding material. Use for added insulation on heater leadwires and other electrical connections.



PART #	DIA.	SIZE
947	.375	3/8"
951	.258	2
953	.229	3
955	.204	4
957	.182	5
959	.162	6
961	.129	8
962	.102	10
966	.072	13

Armor Cable

Flexible stainless-steel construction for ultimate abrasion protection.

PART #	DIA.
AC-S1	3/16"
AC-S2	1/4"
AC-S4	1/2"



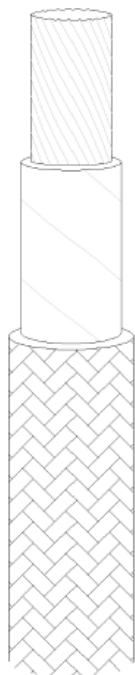
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Heater Hook-up Wire

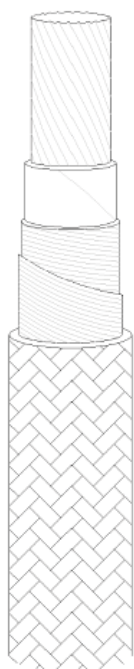
We offer two types of wire for use in wiring heater bands and cartridge heaters. Both types rated at 600 Volts with fine stranding for maximum flexibility. TGGT wire is temperature rated at 482°F (250°C) and the 3 layer insulation is teflon tape, fiberglass insulation and teflon-finish glass braid overlap. The MGT wire is rated at 842°F (450°C) and the 2 layer insulation is glass reinforced mica insulation and glass braid impregnated with flame and heat resistant finish.

TGGT Wire

High Temperature TGGT 27% Nickel-Clad Cooper STRanded Conductor; with teflon wrap and fiberglass overbraid, rated at 250°C.



PART #	GA	TYPE	NOM. O.D.
929	8	Stranded	.230"
931	10	Stranded	.185"
933	12	Stranded	.160"
935	14	Stranded	.140"
937	16	Stranded	.120"
939	18	Stranded	.110"
941	20	Stranded	.100"



MGT Wire

Mica Ultra High Temperature Industrial Lead Wire, Rated at 450°C.

PART #	GA	TYPE	NOM. O.D.
931-M	10	Stranded	.212
933-M	12	Stranded	.161
935-M	14	Stranded	.142
937-M	16	Stranded	.127

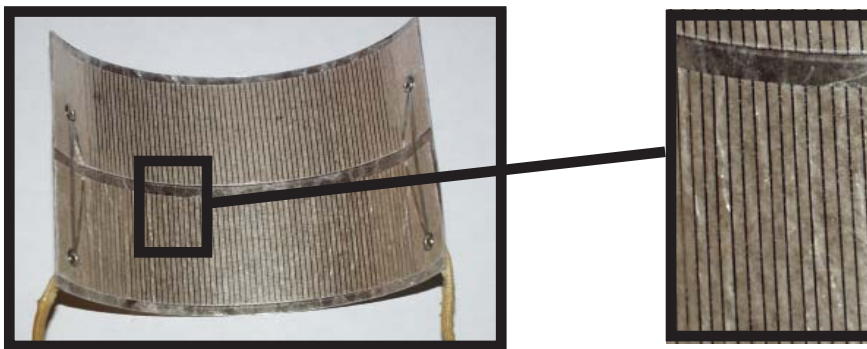
Determine the ambient temperature the wire will be exposed to: the conductor amperage carrying capacity of any given wire gauge will decrease as the temperature increases.

PREMIUM MICA INSULATED HEATERS

- √ **Stock**- AIC has one of the largest inventories of heaters in North America.
- √ **Service**- Same day shipment on stock heaters, highly skilled sales and technical staff to provide quick answers to your questions.
- √ **Quality**- AIC supplies only top quality products, manufactured to above industry standards.

Mica heaters are manufactured using nickel-chrome resistance ribbon wire, selected to produce the lowest internal element temperatures, this reduces the likelihood of hotspots that can cause premature failure. This wire is wound with precise spacing onto thin layers of mica then enclosed on both sides with added layers of mica insulation. This is then housed in specially treated steel and stainless outer sheath designed for both strength and proper thermal conductivity. Mica heaters can be manufactured in many sizes and shapes, contact one of our technical staff with your requirements.

VIEW OF INTERNAL RESISTANCE WIRE



What is Mica? The name Mica is given to a group of minerals that are similar in their physical properties and composition to Silica. Sheet mica is principally used in the electronic and electrical industries as an insulator, and for its high heat resistance.

OTHER HEATER PRODUCTS OFFERED:

- ◆ Mineral insulated band heaters
- ◆ Ceramic insulated band heaters
- ◆ Tubular band heaters
- ◆ Cartridge heaters
- ◆ Cast aluminum heaters
- ◆ Ceramic Fiber Heaters
- ◆ Coil and Cable Heaters
- ◆ Radiant Heaters
- ◆ Strip Heaters
- ◆ Tubular Heaters for material dryers and mold circulation systems
- ◆ Hot Air Heaters for hot stake systems