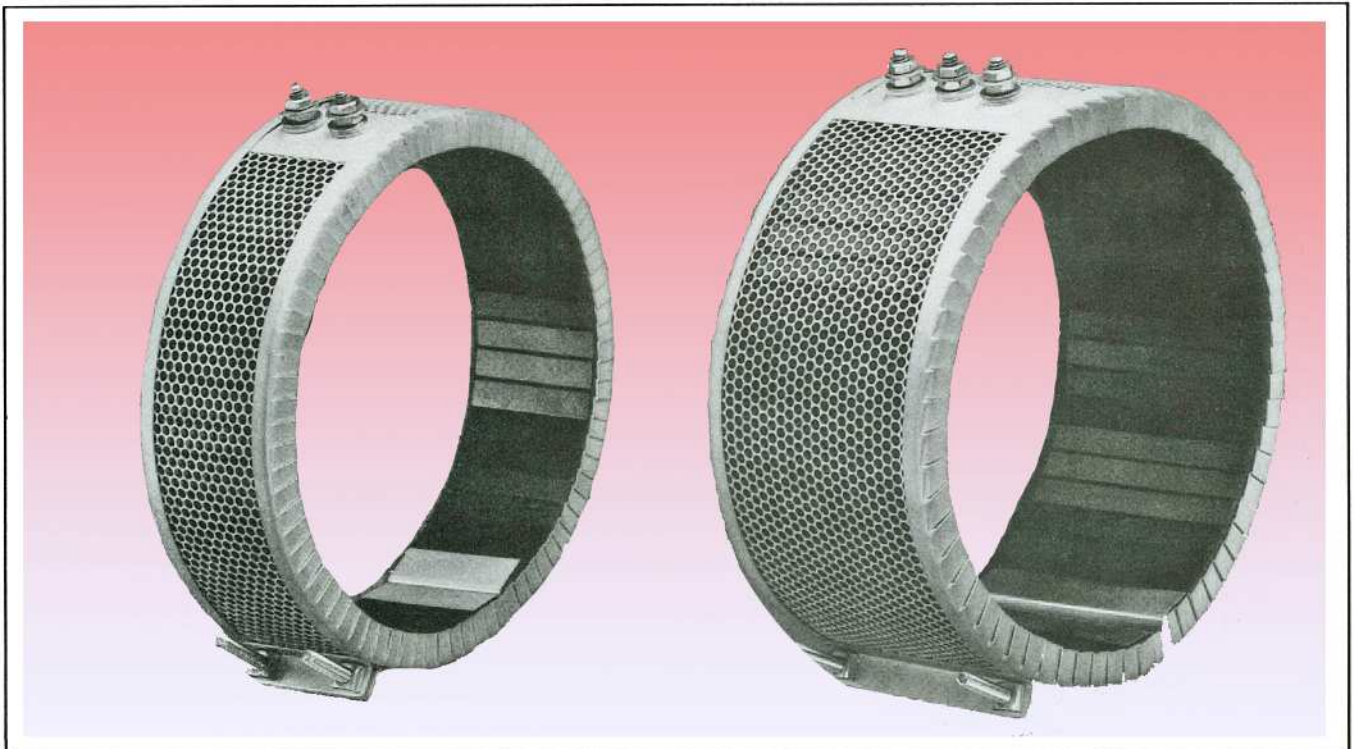


# Omega Ceramic Bands Developed Especially For Air Cooled Systems



## OMEGA HEATER CO., INC.

2059 Ninth Ave., Ronkonkoma, NY 11779-6254

Phone: 631-588-8820 • Fax: 631-588-8953

[www.omegaheater.com](http://www.omegaheater.com)

e-mail: [omega@omegaheater.com](mailto:omega@omegaheater.com)



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Omega Heater Company's new, super-efficient and economical air cooled ceramic heater bands are designed for use on extrusion machinery or on any heat/cool operation.

Omega's new heater bands feature a 63% open perforated metal sheath, which assures maximum surface area exposure.

They also provide the user with a more economical operation, via a rapid heat-up and cool-down feature. Their "Black Star" coating further increases efficiency. Advantages of air cooled vs. liquid cooled operation include: lower cost, replaceable heaters, low maintenance, no leak problems, and close temperature control.

Omega's new air cooled ceramic heater bands are available in various sizes to either accommodate new designs or to replace less efficient, more expensive cast aluminum heaters.

Omega Heater Company also offers a full line of custom and standard heaters and controls.

## SPECIFICATIONS

<b>Temperatures</b>	Up to 1400°F
<b>Watt Density</b>	Up to 45 W/Sq In
<b>Voltage</b>	Up to 480 V (single or three phase)
<b>Resistance-Tolerance</b>	NEMA Standard plus 10%, Minus 5%
<b>Wattage Tolerance</b>	NEMA Standard plus 5%, Minus 10%
<b>Maximum Amperage</b>	25/Circuit

<b>Sizes</b>	2" dia. and up; 1 1/2" width and up (in 1/2" increments)
<b>Terminals</b>	1/4-20 post terminals standard
<b>Sheath</b>	Aluminized Steel
<b>Lock-up</b>	Flange type standard
<b>Maximum I.D.</b>	Consult factory
<b>Standard width increments</b>	1/2"
<b>Standard gap when tightened</b>	1/4"
<b>Thickness</b>	1/2"

## OPTIONS

Where flexible leads in armor or braid are specified, Omega recommends the use of post terminals in box with leads off box.

A Armored Cable (BX)	G Thermocouple hole in gap area, notched
B Braided Wire	H Twist Lock Plug on leads
C Lead Wire, No Braid or Armor	I Wider than normal gap, specify
D Terminal Connectors on studs - Ring lugs	J Ground stud
E Partial Coverage	K Dual Voltage - for bands 2 1/2" or more in width
F Thermocouple hole in element area	

NOTE: Terminal boxes and stud terminals are normally located 180 degrees opposite the gap.

## WHEN ORDERING, PLEASE SPECIFY:

- Quantity
- Inside diameter & width
- Voltage - on 2 piece bands we suggest each piece be rated at half the operating voltage; please specify total voltage
- Wattage - on 2 piece bands please specify total wattage
- Basic construction and options
- Serial no. (if known or previously ordered)
- Gap (if other than factory minimum)
- Lead length (if other than std. 12")