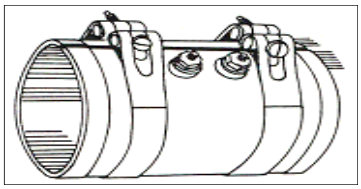
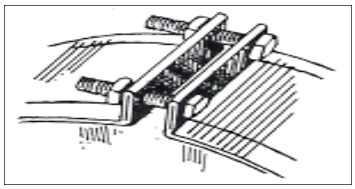
TEVAC STANDARD LOCK-UP HEATER OPTIONS

OPTION 1



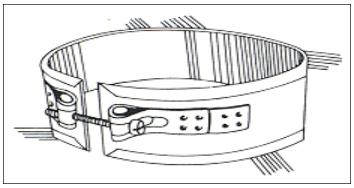
Barrel Nut Strap – *Standard Heater Construction*. High torque clamping straps provide superior heat transfer and greatest heater life; should be used whenever possible. Flexible strap locating allows for easier installation.

OPTION 2



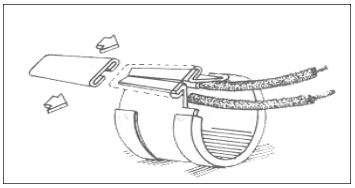
Clamping Tabs – Are available for applications where straps impede openings for instrumentation. However, high-torque clamping straps provide superior heat transfer and should be used whenever possible.

OPTION 3



Integral Straps — attached straps eliminate strap loss. Especially helpful on large, 2 piece bands, where installation of heater and separate strap may be awkward. Stainless steel outer sheath provides low expansion clamping pressure across the entire heater surface.

OPTION 4

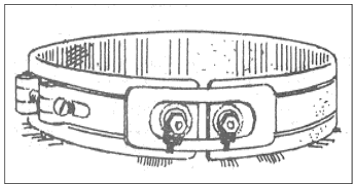


Wedge Lock — provides low profile clamping where space is limited and can not be used. Available in Type 3 or 4 leads.

MANY HEATERS IN STOCK !

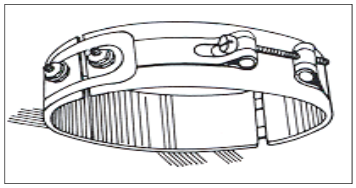
TEVAC DESIGN OPTIONS

ONE PIECE



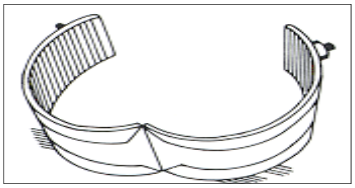
Standard Construction
The 1pc design allows for continuous windings of the resistance ribbon with minimal cold sections along the diameter of the band.

TWO PIECE



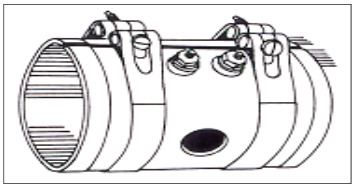
Two Piece Bands can be easily installed over a cylinder rather than slipped on from the end. Specify the line voltage and wattage per half. Available in all lead options.

E-EXPANDABLE



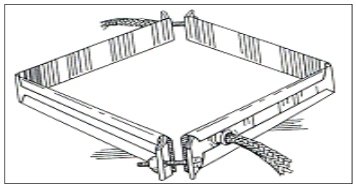
Expandable Bands are designed to be opened and closed for quick installation. They are shipped open and **should not be opened or closed more than twice**. Available in all lead options.

H-HOLE



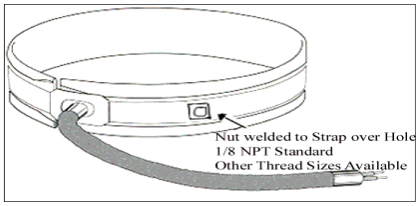
Holes, Cut-Outs & Notches
Provide clearance for T/C probes, bolts, etc. Specify hole locations in degrees from center of gap. For critical locations provide sample band or detailed drawing. Available in all lead options. In many cases an oversized gap can eliminate the need for special holes.

IR-IRREGULAR SHAPE



Hexagonal, Rectangular, Square, or Irregular Shaped Heaters - offered for special shaped dies and applications. 1 or 2pc construction is available.

TMN-T/C MOUNTING NUT



T/C Mounting Brackets-
available for attachment to the heater band strap to hold the T/C sensor in place. Specify location. 1/8 NPT thread size standard, other NPT sizes available.

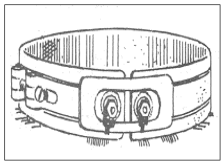
SUPERIOR QUALITY * QUICK DELIVERY * CALL FOR PRICE

MANY HEATERS IN STOCK !

TEVAC
MICA BAND HEATERS

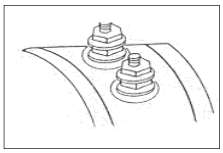
TEVAC LEAD OPTIONS

TYPE 1



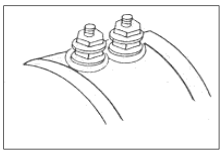
Post Terminals 1 on 1 with 10-32 threads are securely fastened to each end of the resistance winding with a unique posi-weld connection.

TYPE 2



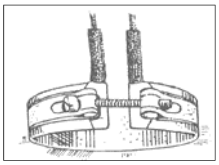
2 on 1 In Line Post Terminals are available on any construction or clamping variation. Recommended for narrow band heaters where post terminals are preferred and terminal box protection is required.

TYPE 2A



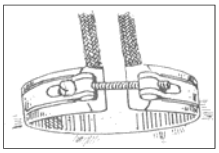
2 on 1 Side by Side Post Terminals are available on any construction or clamping variation. Standard on band heaters over 3" wide and for terminal box protection.

TYPE 3



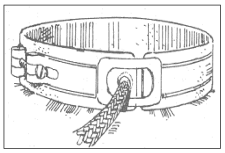
Dual Protective Fiberglass Sleeve Leads are the most common lead arrangement for nozzle heater application. High temperature flexible lead wire exits the unit through a protective fiberglass sleeve & the side adjacent to each end. The sheath encloses both ends to protect against molten plastics & other contaminants.

TYPE 4



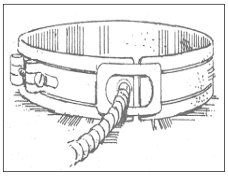
Dual Stainless Steel Braid is designed for additional protection against molten plastics and abrasion. High temperature flexible leads are individually covered with a stainless steel braid which exits the heater through the side similar to type 3.

TYPE 5



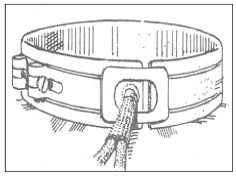
Single Stainless Steel Braid lead arrangement offers excellent abrasion resistance and provides for simple wiring installation. The high flexible leads exit together near the end of the band through a protective flange and a single SS Braid.

TYPE 6



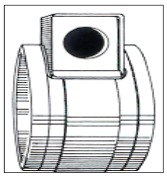
Stainless Steel Hose offers the greatest resistance to heat, moisture, and abrasion while remaining flexible. Locating leads exit near one end of the band.

TYPE 7



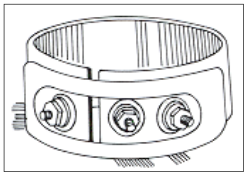
Protective Flange and a Single Fiberglass Sleeve is recommended for applications where abrasion resistance is not a factor. The leads exit the heater one end of the band.

TYPE 8



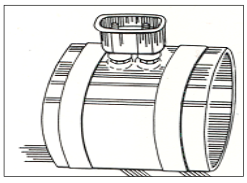
Terminal Boxes are used to protect exposed terminals. Knock outs and threaded holes are available for armor cable or conduit connections. Minimum band diameter is 3". Type 1 post terminals are under terminal box.

TYPE 10



Terminal Lead Construction is available to provide dual voltage, three phase, three zone operation, or act as a ground. Available in all lock-up options.

TYPE 11



European Plugs allow for quick disconnect and replacement of heaters on foreign manufactured machinery. The standard plug is 2 pin, 240 volt and 15 amps.

TEVAC'S SUGGESTIONS FOR LONG HEATER BAND LIFE

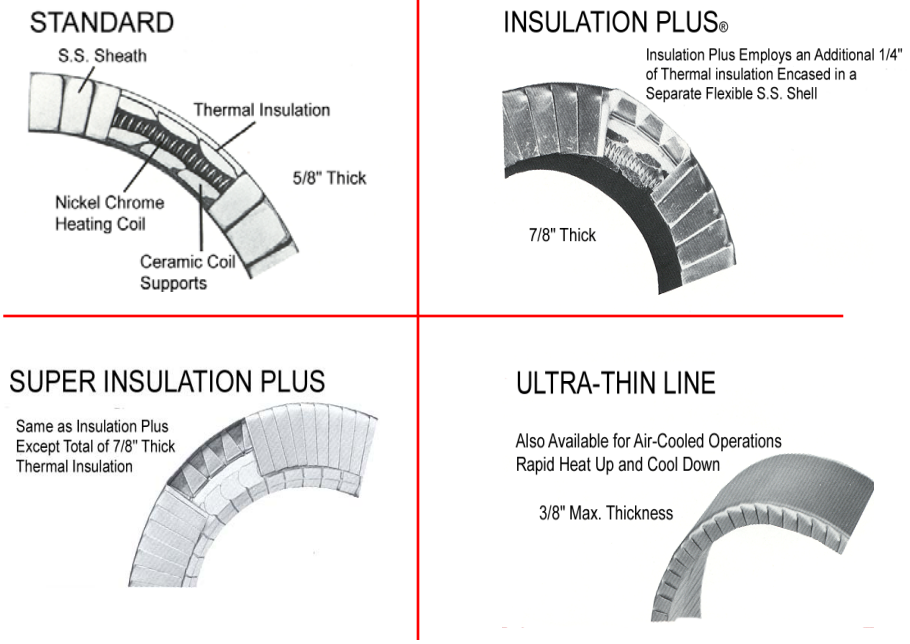
The cylinder to be heated should be clean and smooth for good heat transfer between the band and cylinder. Air gaps can cause "hot spots", resulting in shortened heater life. TEVAC'S Band Heaters when installed should be tightened, then tapped with a soft mallet to help "snug" the band to the cylinder. Tighten again after tapping. Once the heater has been operated for a short time, retighten the heater band after it has cooled. Check regularly to maintain a tight fit. One piece heaters should not be opened too wide to prevent internal damage. If a one piece can not be slid on, then a two-piece or expandable band is recommended. The ideal wattage calculation should allow the heater to operate with a minimal amount of on-off cycling. Proper temperature control and sensing can improve heater life considerably. TEVAC'S Band Heaters are designed to withstand considerable abuse and contamination. However, care should be taken to protect lead connection and minimize contaminants that could cause the heater to carbonize and fail prematurely.

TO PLACE AN ORDER, PLEASE SPECIFY:

- QUANTITY
- INSIDE DIAMETER
- WIDTH
- VOLTAGE – *on two piece bands, each piece to be rated at the operating voltage.*
- WATTAGE – *on two piece bands, specify total wattage.*
- BASIC CONSTRUCTION AND OPTIONS
- PART # – *if known or previously ordered.*
- GAP – *if other than factory determined minimum.*
- LEAD LENGTH

SUPERIOR QUALITY * QUICK DELIVERY * CALL FOR PRICE

TEVAC
CERAMIC HEATER BANDS
Quality American Made Construction



TEVAC CERAMIC HEATERS STYLES

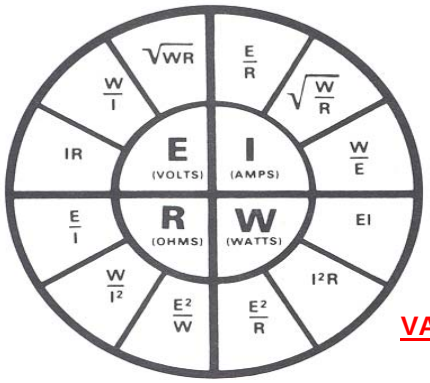
Four Styles to Choose From:

STANDARD -5/8" Thick; 1/4" Thermal Insulation; Long Life; Lower Energy Costs; Hi-temps-Up to 1400°F; Easy Installation; Efficient in Wide Widths; Fewer Bands per Installation. "THE PREFERRED CHOICE OF O.E.M.'s"

INSULATION PLUS® - 7/8" Thick; An Additional 1/4" Thermal Insulation in a Separate Channel; Total 1/2" Insulation; Energy savings Up To 30%; Cooler Ambient Temperatures. "THE ENERGY SAVER"

SUPER INSULATION PLUS-1-1/4" Thick; 7/8" Total Insulation Built-In; Eliminate Blankets and Insulated Shrouds or Use (Less Expensive) Un-Insulated Shrouds. "MAX. ENERGY SAVINGS, MIN. SHEATH TEMPS"

ULTRA THIN LINE - Maximum 3/8" Thick; Low Mass; Quick Response for Critical High-Temp Molding Operations; Up to 1400°F and 60 Watts/Sq. In. "NEW ULTRA-THIN LINE"



VARIATIONS OF OHM'S LAW

DETERMINING HEATER WATTAGE:

Suggested watt density is 40 to 45 w/in^2 for ceramic heater bands.
To determine heater wattage multiply 3.14 x I.D. x width.

SPECIFICATIONS:

- Expandable, will open fully to fit around barrel O.D.
- 5/8" high lock-up flanges standard or barrel nut clamp optional at no charge
- 1/4-20 post terminals located 180° from gap
- Total wall thickness 5/8"
- All stainless steel sheath

TO PLACE AN ORDER, PLEASE SPECIFY:

1) Ceramic heater band, standard construction
2) Inside diameter x width
3) Voltage and wattage
4) Lock-up option: Flange, barrel nut clamp, or latch and trunion
5) Post terminals or other type
6) Terminal box if required

SUPERIOR QUALITY * QUICK DELIVERY * CALL FOR PRICE

TEVAC
CERAMIC HEATER BANDS
Quality American Made Construction

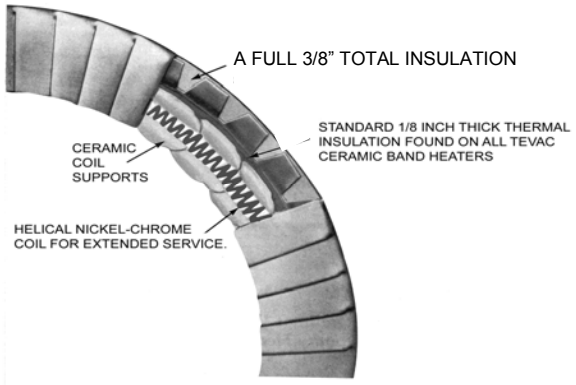
TEVAC'S INSULATION PLUS®
CERAMIC HEATER BANDS
FEATURES & SPECIFICATIONS

The standard ceramic insulated band has been, and continues to be, the only *barrel* heater having built-in thermal insulation. In the past, machine manufacturers have elected to use the heater because of several advantages, but rarely for its heat conserving qualities.

The present energy situation (in which the plastic processor must bare exorbitant costs) is the reason for the development of the "INSULATION PLUS" ceramic band heater.

The "INSULATION PLUS" ceramic band heater consists of the standard ceramic band components with 1/8" ceramic fiber insulation plus an additional insulation chamber 1/4" thick all of which is contained in a single flexible sheath. *This additional chamber dramatically reduces power consumption, in comparison to ALL other non-insulated band heaters.*

INSULATION PLUS EMPLOYS AN ADDITIONAL 1/4-" OF HIGH DENSITY CERAMIC-FIBER INSULATION ENCASED IN A SEPARATE FLEXIBLE STAINLESS STEEL SHELL. THE INSULATION IS NOT COMPRESSED WHICH PROVIDES MAXIMUM VALUE .



TOTAL WALL THICKNESS 15/16""

TO PLACE AN ORDER, PLEASE SPECIFY:

1) Insulated plus design
2) Inside diameter x width
3) Voltage and wattage
4) Lock-up option, flange or barrel nut clamp
5) Post Terminals or other type
6) Terminal box if required

TEVAC CERAMIC HEATER BANDS OPTIONS

LOCK-UP OPTIONS

Flange Type
Barrel Nut Clamp
Latch and Trunion Quick Release Spring Loaded
(Suggested for Bands 12" I.D. and Over)

WIRING OPTIONS

Single Phase
Dual Voltage
2 Circuit Bands
3 Phase

FLEXIBLE LEAD OPTIONS
INSTALLED ON POST TERMINALS

Flex. Leads in Strain Relief Bracket Exiting from Heater Sheath
BX or Metal Braid over Flex. Lead Wire
Flex. Leads exiting from Edge of Heater Band

TERMINAL OPTIONS

Post Terminal
Terminal Box: (Std. Or Low Profile)
Grounding Stud in Sheath

THERMOCOUPLE CLEARANCE HOLES OPTION

In Gap
In Element Area

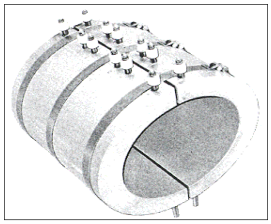
SHEATH FEATURE OPTIONS

Stainless Steel Inner Liner
Shell Overlap Covering Gap
Perforated Metal Sheath (Air Cooled Heater)
Metric Sizes

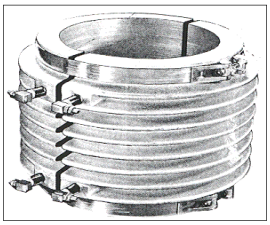
TO PLACE AN ORDER, PLEASE SPECIFY:

- STANDARD OR INSULATION PLUS®
- INSIDE DIAMETER X WIDTH
- VOLTAGE AND WATTAGE
- LOCK-UP OPTIONS
- POST TERMINALS
- TERMINAL BOX IF REQUIRED
- THERMOCOUPLE HOLE AND LOCATION
- FLEXIBLE LEAD OPTIONS
- WIRING OPTIONS
- SHEATH FEATURE OPTIONS

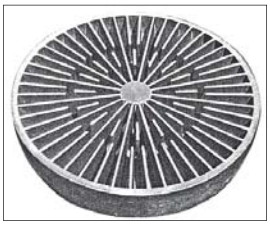
SUPERIOR QUALITY * QUICK DELIVERY * CALL FOR PRICE



Cylindrical Heat & Heat/Cool
For Extrusion Machines



Finned for Air Cool
Extrusion Machines



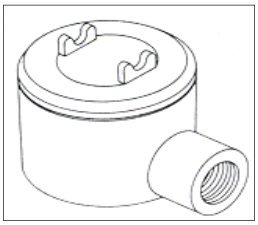
Special for Your
Heating Requirements

HOLES, CUTOUTS AND
THERMOWELLS AVAILABLE.

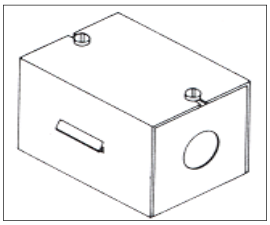
JUST SPECIFY SIZE AND LOCATION.

CUSTOMIZED TO YOUR APPLICATION.

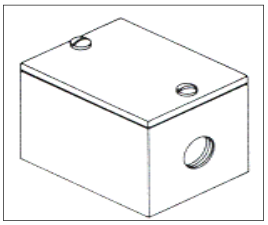
Protective Housing Options



Explosion Proof Box
OPTION 1

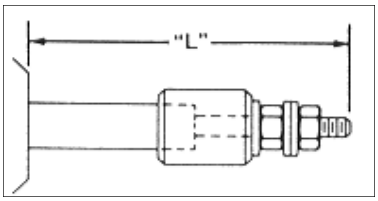


Sheet Metal Box
OPTION 2



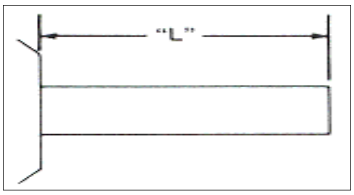
Cast In Box
OPTION 3

Electrical Termination

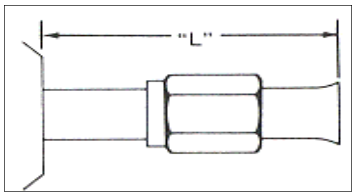


ET TYPE 1
Ceramic Insulated
10-32 Screw Terminal
(Other Types Available)

Cooling Tube Terminations



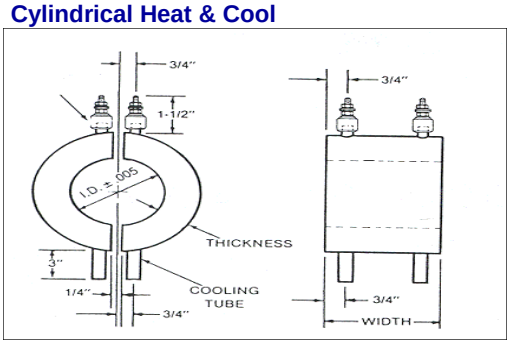
CT TYPE 1
Plain



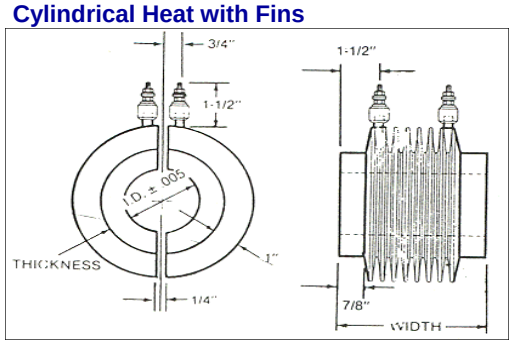
CT TYPE 2
37° Flare Nut Fitting

(OTHER TYPES AVAILABLE)

Cylindrical Heat & Cool



Cylindrical Heat with Fins

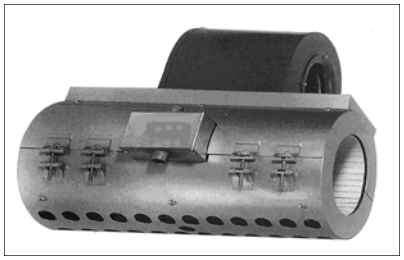


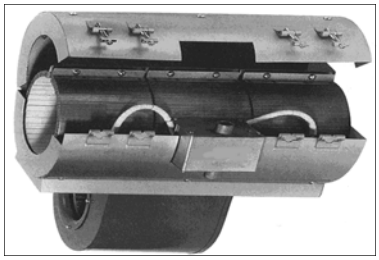
TO PLACE AN ORDER, PLEASE SPECIFY:

- **CAST DESIGN.** PLEASE SUPPLY A COMPLETE DRAWING WHICH SHOWS ALL DIMENSIONS AND CRITICAL TOLERANCES. ALSO, **INCLUDE SIZE AND LOCATION OF ANY HOLES, CUTOUTS OR THERMOWELLS**. REFER TO REFERENCE DIMENSIONS AND SPECIFICATIONS ABOVE.
- **EXIT LOCATIONS** OF HEATER ELEMENT AND COOLING TUBE (IF REQUIRED)
- **ELECTRICAL TERMINATIONS AND HOUSINGS**; TYPE S IS STANDARD
- WATTAGE AND VOLTAGE RATINGS
- ALUMINUM OR BRONZE
- QUANTITY

SUPERIOR QUALITY * QUICK DELIVERY * CALL FOR PRICE

TEVAC
BLOWER ASSEMBLY WITH CERAMIC BAND HEATER AIR COOLED





A perforated rather than insulated ceramic band with a cowl, plenum and blower is designed for use on plastic extrusion equipment where the process generates excessive heat. When a predetermined temperature is exceeded, the blower will engage, cooling the process.

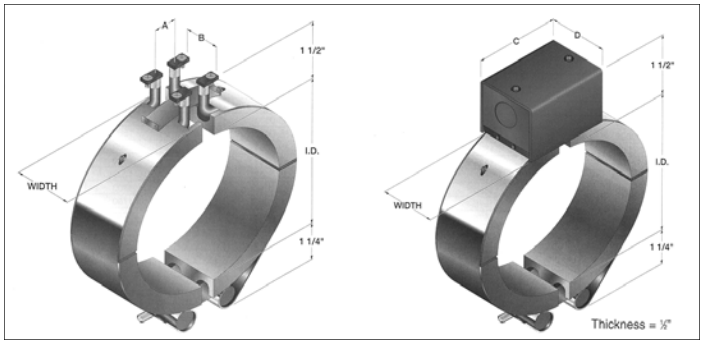
TO PLACE AN ORDER, PLEASE SPECIFY:

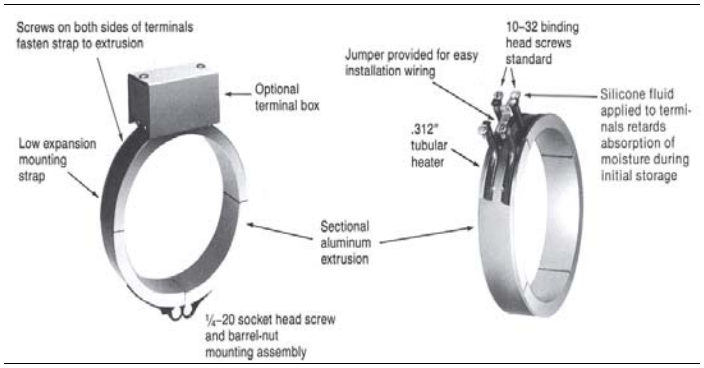
- INSIDE DIAMETER
- WIDTH
- TYPE OF TERMINATION AND LOCATION
- WATTS AND VOLTS
- SKETCH OR DRAWING IF NECESSARY

Features:

- Replaces most O.E.M. type assemblies
- Easy to Install
- Long life Ceramic Heater Bands Standard Cast Aluminum & Mica Bands available
- Hinged Shroud
- Recommended Wattage: 30 watts sq/in.
- Recommended Voltage: 230Volts (can be wired for 460/480V)
- Blower voltage: 120V standard (240V available)
- Thermocouple hole: please specify location
- Shroud OD approximately 3" larger than barrel
- Spacing between ceramic bands 1"-1 ½"
- Ceramic Heaters sheath: Perforated (to aid in air cooling)
- One piece ceramic band standard
- Number of heater determined by size of blower assembly

TEVAC
ALUMA-SHOE BAND HEATER





The ALUMA-SHOE band incorporates a tubular heater set pressed in a grooved aluminum extrusion. It offers a quick responding band heater with uniform sheath temperatures.

- EXCELLENT HEAT TRANSFER
- RUGGED LONG LASTING DESIGN
- VIRTUALLY CONTAMINATION PROOF
- UNIFORM SHEATH TEMPERATURE
- EASY INSTALLATION

DIMENSION REFERENCE	1-1/2" WIDE	2-1/2" WIDE	3" WIDE	4" WIDE
A	1"	1-1/2"	1-1/2"	2"
B	3/4"	1-13/16"	2"	3-1/4"
C	3-3/8"	4"	4"	4"
D	2"	2-3/4"	3-5/8"	4-1/4"
E	2"	2-3/8"	2-3/8"	3-3/8"

COOLING TUBES STAINLESS STEEL OR COPPER AVAILABLE

DIAMETERS FROM 3-1/2" & UP. 3/4" WIDE ALSO AVAILABLE

SUPERIOR QUALITY * QUICK DELIVERY * CALL FOR PRICE

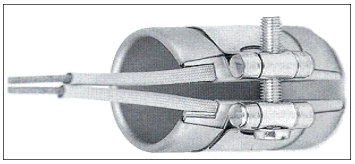
MIX OR MATCH FOR MAXIMUM DISCOUNT...WEDGELOCKS TOO!

TEVAC
NOZZLE BANDS

TEVAC PREMIUM COMPBANDS

Features:

- Low Profile Clamping Strap & Slotted Screw
- 12" High Temperature Flexible Leads
- Quality Materials – 100% Made in USA



QUANTITY PRICING AVAILABLE:	1-11 PIECES	12-23 PIECES	24-49 PIECES	50+ PIECES

I.D.	WIDTH	TEVAC PART NUMBER	VOLTS	WATTS
1	1	**CB1A1A3A**	120	100
1	1	**CB1A1A3B**	240	100
1	1	**CB1A1A3C**	120	125
1	1	**CB1A1A3D**	240	125
1	1-1/2	**CB1A1J3A**	120	150
1	1-1/2	**CB1A1J3B**	240	150
1	2	**CB1A2A3A**	120	200
1	2	**CB1A2A3B**	240	200
1	2-1/2	**CB1A2J3B**	240	250
1	3	**CB1A3A3A**	120	300
1	3	**CB1A3A3B**	240	300
1	4	**CB1A4A3A**	120	400
1	5	**CB1A5A3A**	120	500
1-1/8	2-1/2	**CB1C2J4A**	120	180
1-1/4	1	**CB1E1A3B**	240	125
1-1/4	1-1/2	**CB1E1J3B**	240	200
1-1/4	2-1/2	**CB1E2J3B**	240	250
1-1/4	4	**CB1E4A3B**	240	500
1-1/2	1	**CB1J1A3A**	120	150
1-1/2	1	**CB1J1A3B**	240	150
1-1/2	1-1/2	**CB1J1J3A**	120	275
1-1/2	1-1/2	**CB1J1J3B**	240	275
1-1/2	2	**CB1J2A3A**	120	300
1-1/2	2	**CB1J2A3B**	240	300
1-1/2	2-1/2	**CB1J2J3A**	120	400
1-1/2	2-1/2	**CB1J2J3B**	240	350
1-1/2	3	**CB1J3A3A**	120	450
1-1/2	3	**CB1J3A3B**	240	450
1-1/2	3	**CB1J3A3BZ**	240	350
1-1/2	4	**CB1J4A3A**	120	500
1-1/2	4	**CB1J4A3B**	240	500
1-1/2	5	**CB1J5A3A**	120	700
1-1/2	5	**CB1J5A3B**	240	700

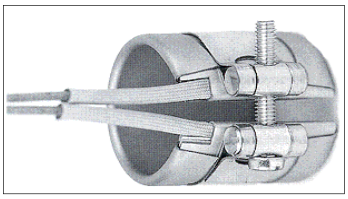
I.D.	WIDTH	TEVAC PART NUMBER	VOLTS	WATTS
1-1/2	6	**CB1J6A3A**	120	850
1-1/2	6	**CB1J6A3B**	240	850
1-3/4	1-1/2	**CB1N1J3A**	120	300
1-3/4	1-1/2	**CB1N1J3B**	240	300
1-3/4	2	**CB1N2A3A**	120	350
1-3/4	2	**CB1N2A3B**	240	350
1-3/4	3	**CB1N3A3A**	120	550
1-3/4	3	**CB1N3A3B**	240	500
1-3/4	4	**CB1N4A3A**	120	700
1-3/4	4	**CB1N4A3B**	240	700
1-3/4	6	**CB1N6A3B**	240	750
2	1	**CB2A1A3A**	120	200
2	1	**CB2A1A3B**	240	200
2	1-1/2	**CB2A1J3A**	120	300
2	1-1/2	**CB2A1J3B**	240	300
2	2	**CB2A2A3B**	240	400
2	2-1/2	**CB2A2J3B**	240	500
2	3	**CB2A3A3B**	240	600
2	5	**CB2A5A3B**	240	900
2-1/4	1	**CB2E1A3A**	120	250
2-1/4	1	**CB2E1A3B**	240	250
2-1/4	3	**CB2E3A3B**	240	750
2-3/8	1-1/2	**CB2G1J3B**	240	400
2-3/8	2	**CB2G2A3B**	240	400
2-1/2	1	**CB2J1A3A**	120	300
2-1/2	1	**CB2J1A3B**	240	300
2-1/2	1-1/2	**CB2J1J3B**	240	375
2-1/2	2	**CB2J2A3B**	240	500
2-1/2	2-1/2	**CB2J2J3B**	240	600
2-1/2	3	**CB2J3A3B**	240	750
2-3/4	1	**CB2N1A3B**	240	325
2-3/4	1-1/2	**CB2N1J3A**	120	400
2-3/4	1-1/2	**CB2N1J3B**	240	400

IN STOCK FOR IMMEDIATE DELIVERY ! CALL FOR PRICING !

MIX OR MATCH FOR MAXIMUM DISCOUNT...WEDGELOCKS TOO!

TEVAC PREMIUM COMPBANDS

QUANTITY PRICING AVAILABLE:	1-11 PIECES	12-23 PIECES	24-49 PIECES	50+ PIECES



I.D.	WIDTH	TEVAC PART NUMBER	VOLTS	WATTS
3	1	**CB3A1A3A**	120	300
3	1	**CB3A1A3B**	240	300
3-1/2	1	**CB3J1A3B**	240	500
3-1/2	1-1/2	**CB3J1J3B**	240	500
3-1/2	2-1/2	**CB3J2J3B**	240	800
3-3/4	1-1/2	**CB3N1J3B**	240	600

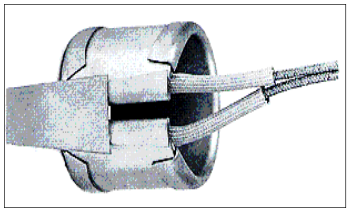
Features:

- Low Profile Clamping Strap & Slotted Screw
- 12” High Temperature Flexible Leads
- Quality Materials – 100% Made in USA

MIX & MATCH WITH COMPBANDS FOR BEST COMBINED PRICE!

TEVAC
PREMIUM WEDGELOCK
NOZZLE HEATER BANDS

QUANTITY PRICING AVAILABLE:	1-11 PIECES	12-23 PIECES	24-49 PIECES	50+ PIECES



I.D. x WIDTH	VOLTS	WATTS	WATTS/ SQ. INCH	TEVAC PART NUMBER
1x1	120	100	32	**W1A1AR**
1x1	240	100	32	**W1A1AS**
1x1	120	150	48	**W1A1AJ**
1x1	240	150	48	**W1A1AK**
1x1-1/2	120	150	32	**W1A1JR**
1x1-1/2	240	150	32	**W1A1JS**
1x2	120	200	32	**W1A2AR**
1x2	240	200	32	**W1A2AS**
1x2-1/2	120	250	32	**W1A2JR**
1x2-1/2	240	250	32	**W1A2JS**
1-1/2x1-1/2	120	250	35	**W1J1JR**
1-1/2x1-1/2	240	250	35	**W1J1JS**
1x3	120	300	32	**W1A3AR**
1x3	240	300	32	**W1A3AS**
1x4	120	400	32	**W1A4AR**
1x4	240	400	32	**W1A4AS**
1-1/2x2	120	300	32	**W1J2AR**
1-1/2x2	240	300	32	**W1J2AS**
1-1/2x3	120	450	32	**W1J3AR**
1-1/2x3	240	450	32	**W1J3AS**
1-1/2x4	120	600	32	**W1J4AR**
1-1/2x4	240	600	32	**W1J4AS**
1-1/2x6	120	750	32	**W1J6AR**

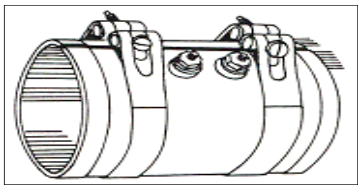
Features:

- Low Profile Wedgelock Clamps
- 12” High Temperature Flexible Leads
- Quality Materials – 100% Made in USA

IN STOCK FOR IMMEDIATE DELIVERY ! CALL FOR PRICING !

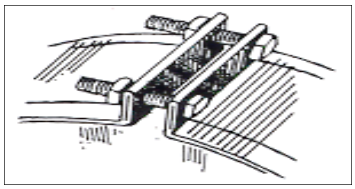
TEVAC STANDARD LOCK-UP HEATER OPTIONS

OPTION 1



Barrel Nut Strap – *Standard Heater Construction*. High torque clamping straps provide superior heat transfer and greatest heater life; should be used whenever possible. Flexible strap locating allows for easier installation.

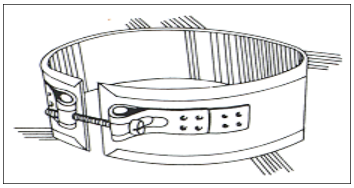
OPTION 2



Clamping Tabs – Are available for applications where straps impede openings for instrumentation. However, high-torque clamping straps provide superior heat transfer and should be used whenever possible.

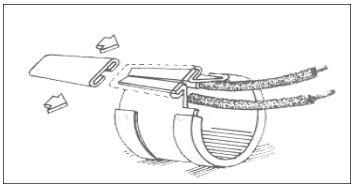
MANY HEATERS IN STOCK !

OPTION 3



Integral Straps — attached straps eliminate strap loss. Especially helpful on large, 2 piece bands, where installation of heater and separate strap may be awkward. Stainless steel outer sheath provides low expansion clamping pressure across the entire heater surface.

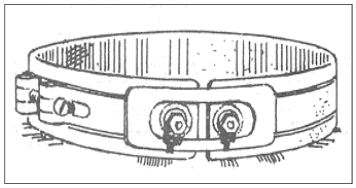
OPTION 4



Wedge Lock — provides low profile clamping where space is limited and can not be used. Available in Type 3 or 4 leads.

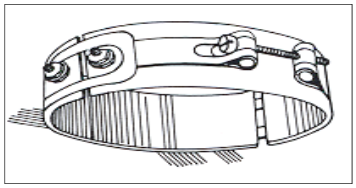
TEVAC DESIGN OPTIONS

ONE PIECE



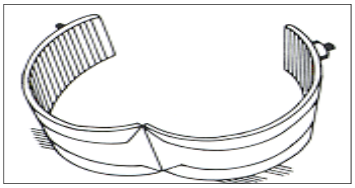
Standard Construction
The 1pc design allows for continuous windings of the resistance ribbon with minimal cold sections along the diameter of the band.

TWO PIECE



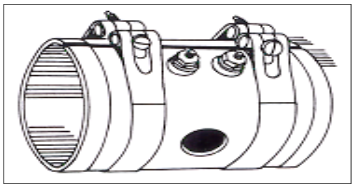
Two Piece Bands can be easily installed over a cylinder rather than slipped on from the end. Specify the line voltage and wattage per half. Available in all lead options.

E-EXPANDABLE



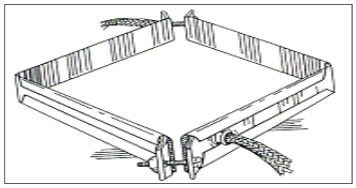
Expandable Bands are designed to be opened and closed for quick installation. They are shipped open and **should not be opened or closed more than twice**. Available in all lead options.

H-HOLE



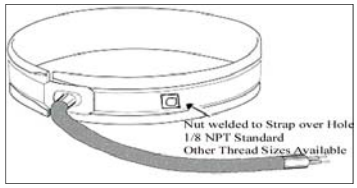
Holes, Cut-Outs & Notches
Provide clearance for T/C probes, bolts, etc. Specify hole locations in degrees from center of gap. For critical locations provide sample band or detailed drawing. Available in all lead options. In many cases an oversized gap can eliminate the need for special holes.

IR-IRREGULAR SHAPE



Hexagonal, Rectangular, Square, or Irregular Shaped Heaters - offered for special shaped dies and applications. 1 or 2pc construction is available.

TMN-T/C MOUNTING NUT



T/C Mounting Brackets-
available for attachment to the heater band strap to hold the T/C sensor in place. Specify location. 1/8 NPT thread size standard, other NPT sizes available.

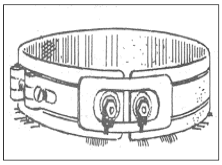
SUPERIOR QUALITY * QUICK DELIVERY * CALL FOR PRICE

MANY HEATERS IN STOCK !

TEVAC
MICA BAND HEATERS

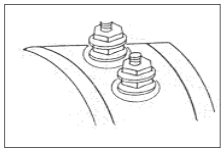
TEVAC LEAD OPTIONS

TYPE 1



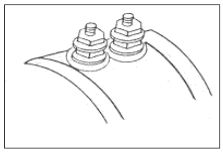
Post Terminals 1 on 1 with 10-32 threads are securely fastened to each end of the resistance winding with a unique posi-weld connection.

TYPE 2



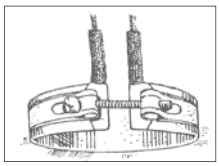
2 on 1 In Line Post Terminals are available on any construction or clamping variation. Recommended for narrow band heaters where post terminals are preferred and terminal box protection is required.

TYPE 2A



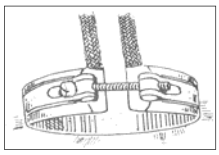
2 on 1 Side by Side Post Terminals are available on any construction or clamping variation. Standard on band heaters over 3" wide and for terminal box protection.

TYPE 3



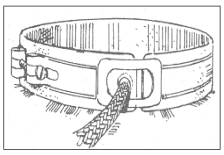
Dual Protective Fiberglass Sleeve Leads are the most common lead arrangement for nozzle heater application. High temperature flexible lead wire exits the unit through a protective fiberglass sleeve and the side adjacent to each end. The sheath encloses both ends to protect against molten plastics and other contaminants.

TYPE 4



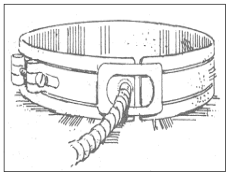
Dual Stainless Steel Braid is designed for additional protection against molten plastics and abrasion. High temperature flexible leads are individually covered with a stainless steel braid which exits the heater through the side similar to type 3.

TYPE 5



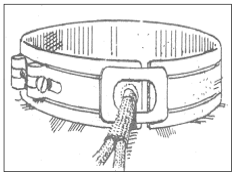
Single Stainless Steel Braid lead arrangement offers excellent abrasion resistance and provides for simple wiring installation. The high flexible leads exit together near the end of the band through a protective flange and a single SS Braid.

TYPE 6



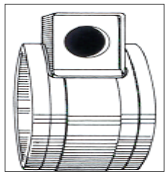
Stainless Steel Hose offers the greatest resistance to heat, moisture, and abrasion while remaining flexible. Locating leads exit near one end of the band.

TYPE 7



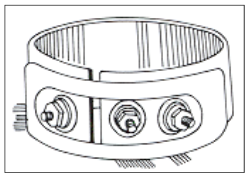
Protective Flange and a Single Fiberglass Sleeve is recommended for applications where abrasion resistance is not a factor. The leads exit the heater one end of the band.

TYPE 8



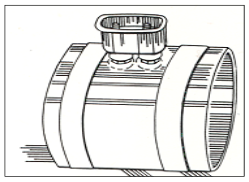
Terminal Boxes are used to protect exposed terminals. Knock outs and threaded holes are available for armor cable or conduit connections. Minimum band diameter is 3". Type 1 post terminals are under terminal box.

TYPE 10



Terminal Lead Construction is available to provide dual voltage, three phase, three zone operation, or act as a ground. Available in all lock-up options.

TYPE 11



European Plugs allow for quick disconnect and replacement of heaters on foreign manufactured machinery. The standard plug is 2 pin, 240 volt and 15 amps.

TEVAC'S SUGGESTIONS FOR LONG HEATER BAND LIFE

The cylinder to be heated should be clean and smooth for good heat transfer between the band and cylinder. Air gaps can cause "hot spots", resulting in shortened heater life. TEVAC'S Band Heaters when installed should be tightened, then tapped with a soft mallet to help "snug" the band to the cylinder. Tighten again after tapping. Once the heater has been operated for a short time, retighten the heater band after it has cooled. Check regularly to maintain a tight fit. One piece heaters should not be opened too wide to prevent internal damage. If a one piece can not be slid on, then a two-piece or expandable band is recommended. The ideal wattage calculation should allow the heater to operate with a minimal amount of on-off cycling. Proper temperature control and sensing can improve heater life considerably. TEVAC'S Band Heaters are designed to withstand considerable abuse and contamination. However, care should be taken to protect lead connection and minimize contaminants that could cause the heater to carbonize and fail prematurely.

TO PLACE AN ORDER, PLEASE SPECIFY:

• QUANTITY • INSIDE DIAMETER • WIDTH
• VOLTAGE – *on two piece bands, each piece to be rated at the operating voltage.*
• WATTAGE – *on two piece bands, specify total wattage.*
● BASIC CONSTRUCTION AND OPTIONS
● PART # – *if known or previously ordered.*
• GAP – *if other than factory determined minimum.* • LEAD LENGTH

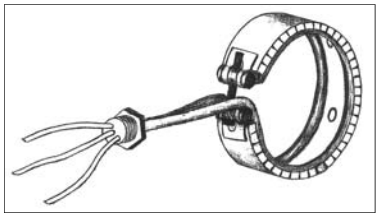
SUPERIOR QUALITY * QUICK DELIVERY * CALL FOR PRICE

TEVAC
TUBULAR BAND HEATERS
CUSTOM DESIGNS AVAILABLE

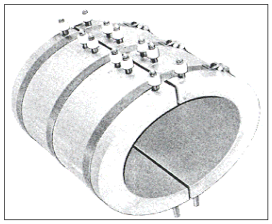
Tevac Part Number	I.D.	Width	Volts	Watts	4 Hole
TBH-3A1JB-Z	3	1-1/2	240V	450W	Yes
TBH-3A1JB-Z1	3	1-1/2	240V	600W	Yes
TBH-2A1AB-Z	2	1	240V	400W	No
TBH-5A2AB-Z	5	2	240V	1150W	No
TBH-5A2JB-Z	5	2-1/2	240V	1150W	No
TBH-2J1JB-Z	2-1/2	1-1/2	240V	500W	No
TBH-4N2EB-Z	4-3/4	2-1/4	240V	550W	No
TBH-4J1JB-Z	4-1/2	1-1/2	240V	600W	Yes

Hose with Female NPT Fitting
(order separately)

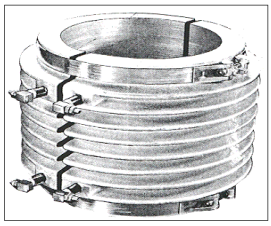
Tevac Part Number	Hose Length
TBH-24-hose	24”
TBH-36-hose	36”
TBH-48-hose	48”



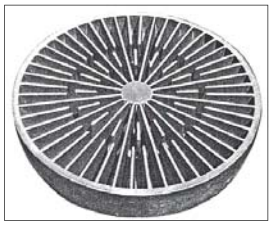
52” Leads with Ground Wire Standard
Ultra Rugged Design
Removable Flex Hose over Lead (order separately)
Available with or without Holes
Stainless Steel Sheath
Incoloy Elements
Nut Silver Soldered to Tubular Element
Order Hose Separately to Save Money
Available in 120V or 240V
Contamination Proof
4 Holes 90° apart



Cylindrical Heat & Heat/Cool
For Extrusion Machines

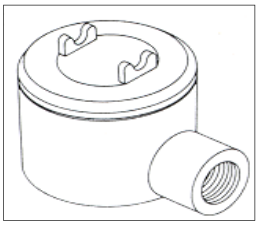


Finned for Air Cool
Extrusion Machines

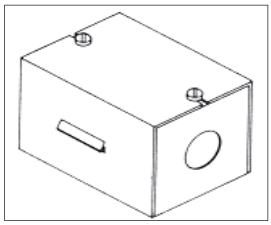


Special for Your
Heating Requirements

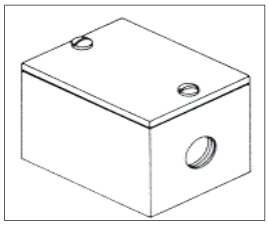
Protective Housing Options



Explosion Proof Box
H1

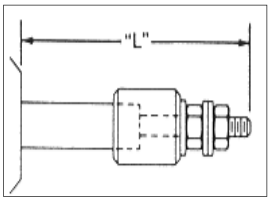


Sheet Metal Box
H2



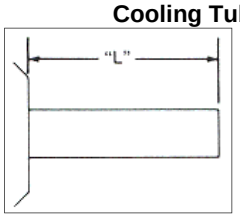
Cast In Box
H3

Electrical Termination

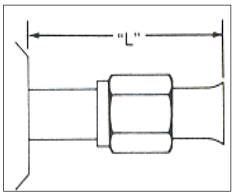


Type E1
Ceramic Insulated
10-32 Screw Terminal
(Other Types Available)

Cooling Tube Terminations



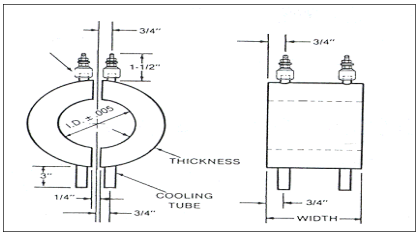
Type C1
Plain Tube



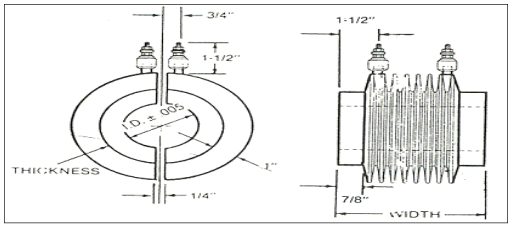
Type C2
37 deg. Flare Nut Fitting

(OTHER TYPES AVAILABLE)

Cylindrical Heat & Cool



Cylindrical Heat with Fins



TEVAC
CAST HEATERS
ALUMINUM OR BRONZE

HOLES, CUTOUTS AND
THERMOWELLS AVAILABLE.
JUST SPECIFY SIZE AND LOCATION.

To place an order, please specify:

1– **Cast Design**. Please supply a complete drawing which shows all dimensions and critical tolerances. **Also, include size and location of any holes, cutouts or thermowells**. Refer to reference dimensions and specifications below.

2 – **Exit locations** of heater element and cooling tube (if required)

3 – **Electrical terminations and housings**, Type S is standard

4 – **Wattage and voltage ratings**

5 – **Aluminum or bronze**

6 – **Quantity**

SUPERIOR QUALITY * QUICK DELIVERY * CALL FOR PRICE