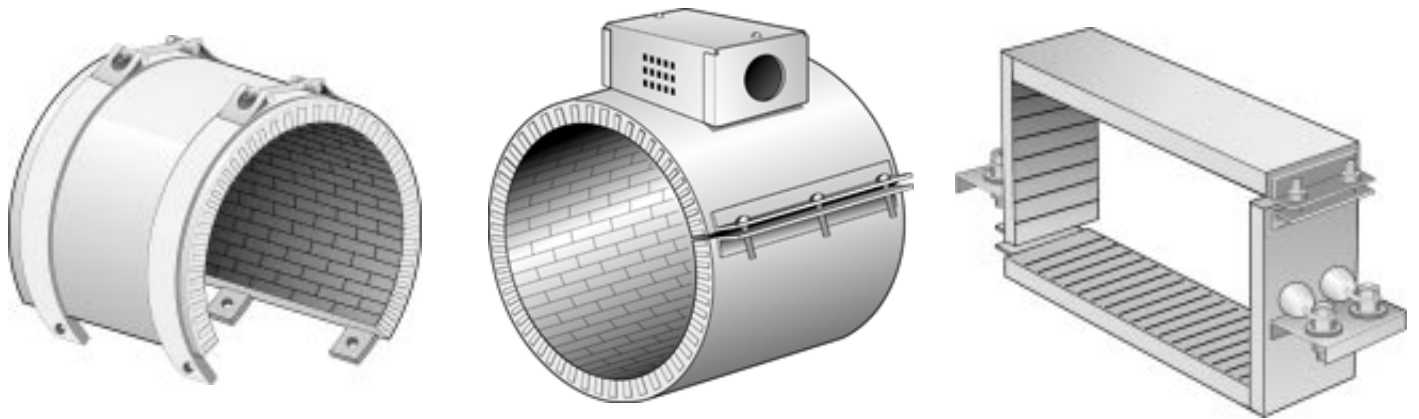
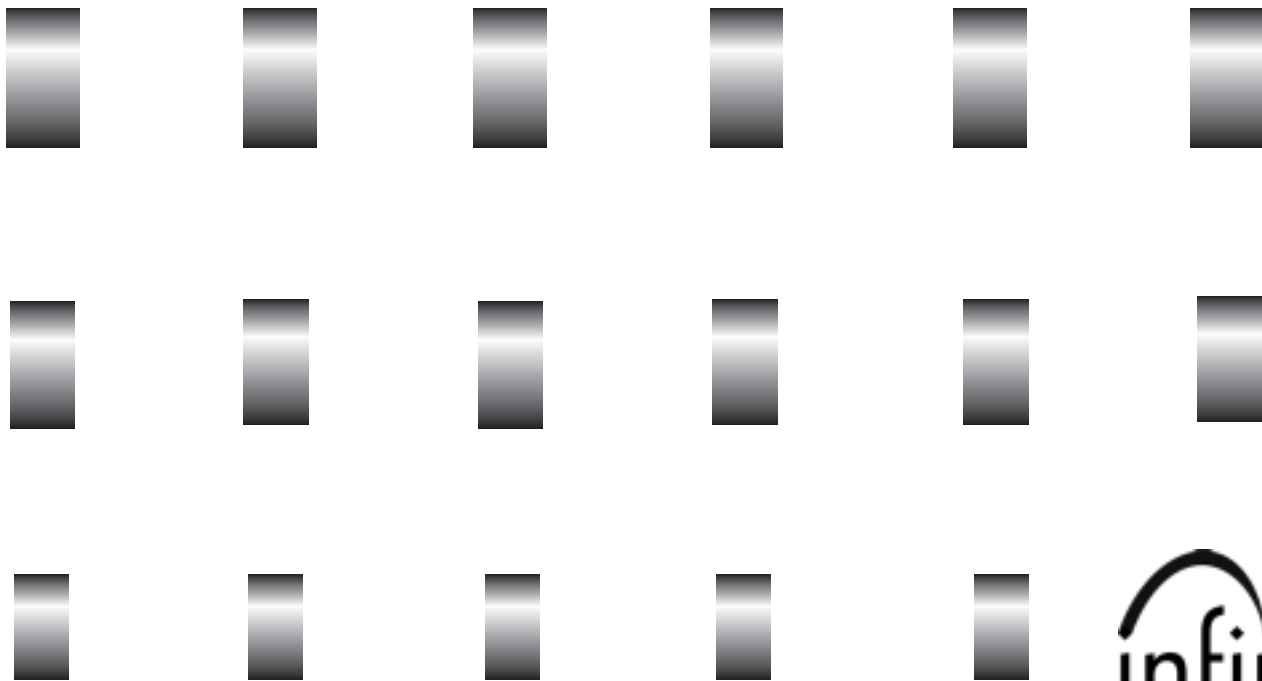


Infinity Fluids Corporation



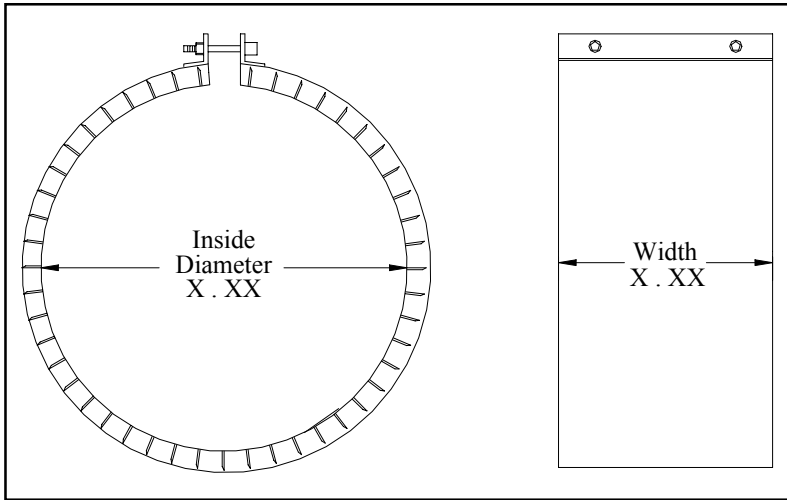
CERAMIC BAND HEATERS

**Infinity Ceramic Insulated Heaters.
Ultra Efficient, Fast Response, High Power Loading.
Stainless Steel Construction, Long Life and Easy to Mount
and Re-Mount.**



Ceramic Heaters

Ceramic Diameter & Width 1 & 2



Infinity Ceramic Heaters come standard with Stainless Steel sheaths and Flange Lockup. Maximum recommended Watt Density = 45, (less with holes or cutouts). Standard heater design allows for sheath temperatures to 1400°F.

X.XX = Inside Diameter

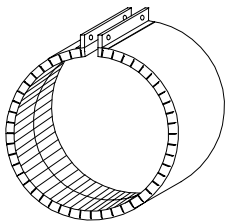
X.XX = Width

(CD7.25 - 3.50 = 7-1/4" id 3-1/2" wide)

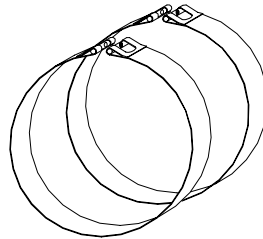
(CD12.00 - 4.00 = 12" id 4" wide)

Note: Standard gap sizes will be between 1/4" to 1/2" depending on heater size.

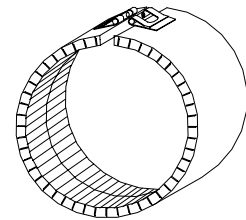
Lock Up Types 3



**FL = Flange
(Standard)**

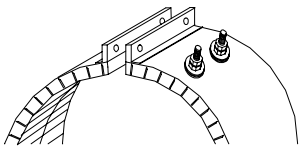


**TS = Trunion Straps
Stainless Steel Straps w/
Spot Welded Trunions**



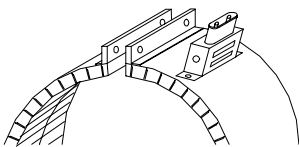
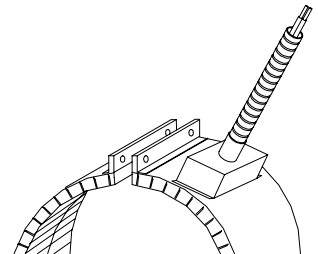
**TR = Trunion
Spot Welded
directly to Heater**

Electrical Terminations 4



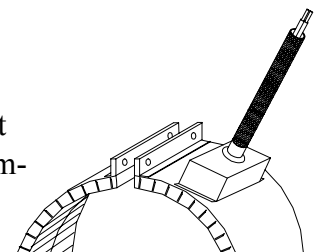
SC = Screw Contacts
(Standard construction for all mica heaters, 8-32 and 10-32 threads are used according to heater diameter and width)

FA = Flex Armor
(minimal water resistance, good flexibility, excellent pull/abrasion resistance recommended for lead lengths over four feet)



EP = Euro Plug
(Popular accessory for Mica heaters as replacement of units located on European machinery, mating connector on next page)

BW = Braid Wire Sleeve
(minimal water resistance, excellent flexibility, excellent pull/abrasion resistance recommended for lead length over four feet)



Ceramic Heaters

Ordering Description

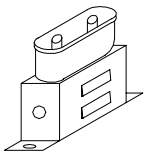
WATTS _____ VOLTS _____

Ceramic Heater: **CD** - _____ - _____ - _____ - _____ - _____ **Ex. MD12.25 - 3.50 - TR - FA - 48**
 1 2 3 4 5 (Lead Length)

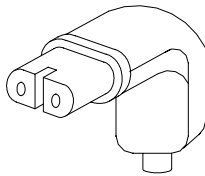
(Example- Ceramic Band 12-1/4"ID x 3-1/2" wide with trunion L/U and 48" Flex Armor)

Note: Holes and Cutouts in the heaters will require detailed description of size and placement. Approval drawings will be generated 2-3 working days following order, to ensure proper heater fabrication.

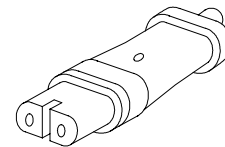
Accessories/Special Options



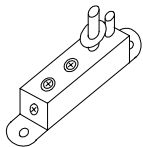
High Temp. Male Pin Contacts with vert. housing.



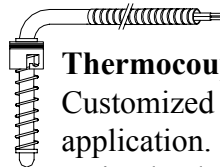
High Temp. Right Angle Ceramic plug w/cast body.



High Temp. Straight ceramic plug w/cast body.



BiMetal Thermostat. Capable of controlling 1500 watts 120/240 volt, temp range adjust.



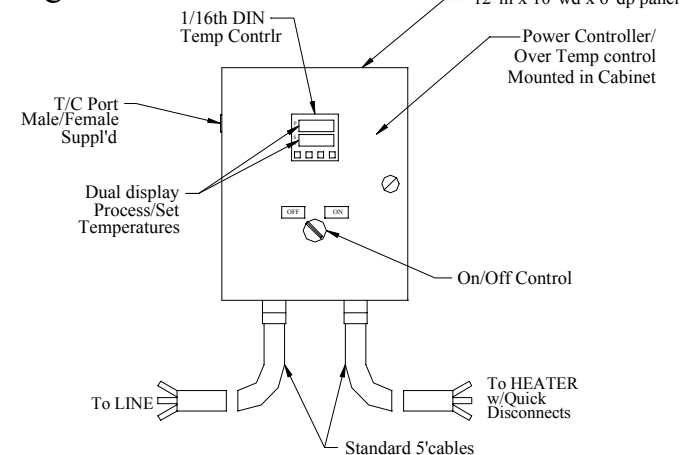
Thermocouple/RTDs. Customized t/c's for any application. Shown with spring loaded bayonet.



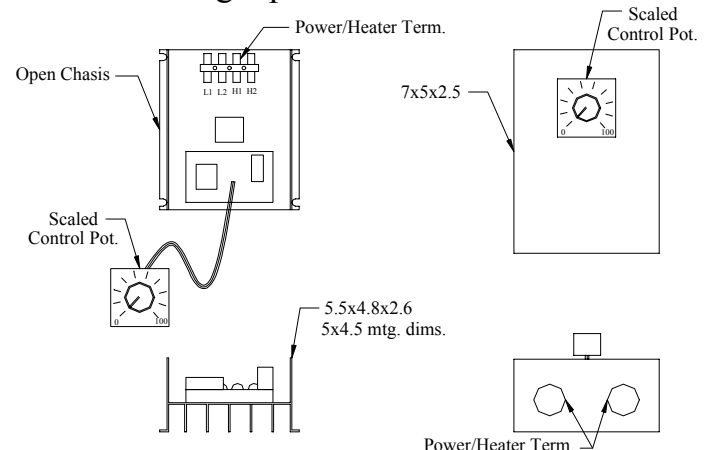
Bayonet Adapter. 1/8" NPT threaded lengths from 3/4" to 6" long.

Closed Loop Temp/Power Controls

Turn Key Temp & Power Panel



Temp. & Power Control Non-Indicating Open & Enclosed Chasis



INFINITY Heaters, Sensors and Accessories

Band Heaters:



Mica Bands

- 900°F
- Contamination Resistant



Ceramic Bands

- 1400°F
- Flexible/Removable
- High Efficiencies



Cast Aluminum/Bronze

- Alum-900°F/Bronze-1200°F
- Contamination Proof
- Water Cooled or Air Cooled
- Extremely Uniform Heat



Tubular Band

- 1500-2200°F
- Contamination Proof
- Excellent Durability
- Formed/Straight/Band

Cartridge and Tubular:



Cartridge Heaters

- 1500-2200°F
- Contamination Proof
- 0.25"-0.75" Ø
- Fittings/Armor/



Screw Plug, InLine, Circula-



Water/Fluid Heaters

- All Stainless Construction
- Contamination Proof
- Immersion/Circulation
- All Materials/Sizes/Fittings



Thermocouples, RTD's and IR T/C's:



T/C's RTD's

- Temps to 3300°F
- All Calibrations (J,K,N etc.)
- Metals/Ceramics
- Fittings/Armor/Sizes
- Hand Held IR, or Mounted



Air Cooled Heater Assemblies:



Air Cooled Heat Assemblies

- Cast/Ceramic/Mica
- Total Electric Heat/Cool
- Fast Product/Die Changes
- High Output Blowers

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