

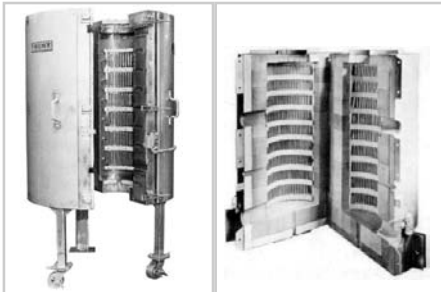


# TRENT, INC.

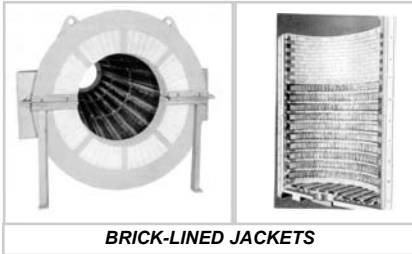
INDUSTRIAL HEATING SOLUTIONS

*Designing and Manufacturing Electrically Heated Process Equipment SINCE 1927*

## ELECTRIC JACKETS



METAL-LINED SPLIT JACKETS



BRICK-LINED JACKETS



DRUM WARMERS



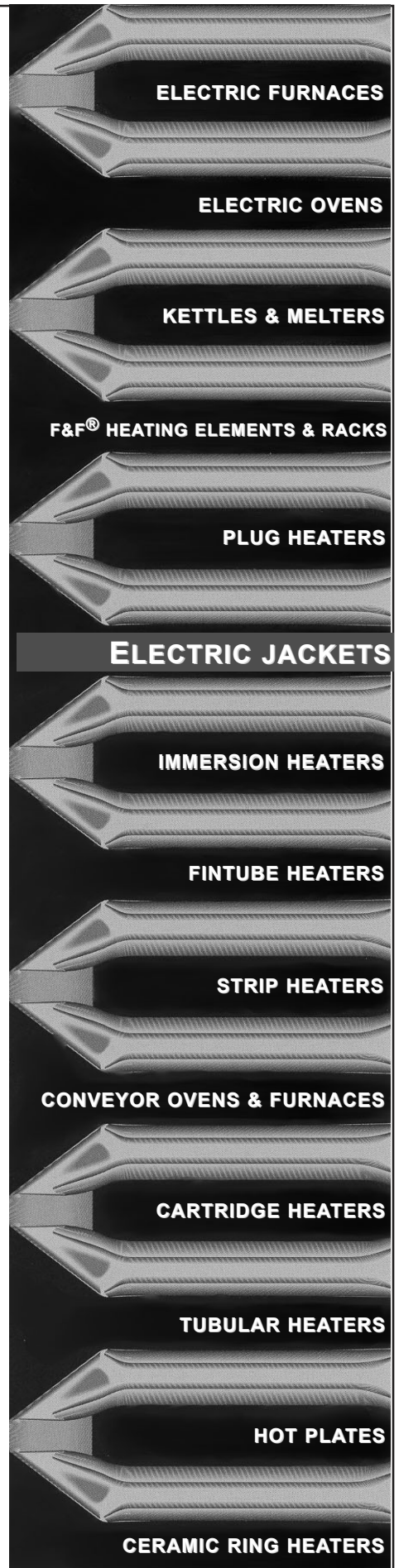
28 Ft. 15 PIECE METAL-LINED JACKET

CUSTOM MADE

201 Leverington Avenue, Philadelphia, PA 19127

Toll Free: 800.544.TRENT  
Website: [www.trentheat.com](http://www.trentheat.com)

Fax: 215.482.9389  
E-mail: [info@trentheat.com](mailto:info@trentheat.com)



ELECTRIC FURNACES

ELECTRIC OVENS

KETTLES & MELTERS

F&F® HEATING ELEMENTS & RACKS

PLUG HEATERS

ELECTRIC JACKETS

IMMERSION HEATERS

FINETUBE HEATERS

STRIP HEATERS

CONVEYOR OVENS & FURNACES

CARTRIDGE HEATERS

TUBULAR HEATERS

HOT PLATES

CERAMIC RING HEATERS

## **TRENT ELECTRIC JACKETS deliver the controlled heat you need.... where you need it ...at temperatures to 1000°C**

Whether your application involves heating liquid or gases in process vessels, such as kettles, retorts, reactors or piping...a TRENT electric jacket assures...dependable heat at temperatures not possible with steam or liquid heating methods.

With expertise in the design and manufacture of electrically heated jackets for the chemical industry and others since 1927, TRENT offers a combination of design and performance advantages to meet your most demanding requirements.

- ⇒ Temperatures to 1000°C *without* Pressure Equipment.
- ⇒ Maximum heat input.
- ⇒ Rapid heat-up.
- ⇒ Precise chamber control.
- ⇒ Individual heat zones may be manually or automatically controlled.
- ⇒ Properly insulated for efficient operation.
- ⇒ All-welded internal heating connections.
- ⇒ Rapid heat decline when unit is de-energized.
- ⇒ Minimum jacket maintenance.
- ⇒ Exclusive **TRENT FOLDED AND FORMED®** heating elements are backed by more than 75 years of experience in electrically heated equipment design and manufacture.

Why settle for less? Talk to TRENT today.

### **TRENT FOLDED and FORMED® HEATING ELEMENTS**

Only TRENT high temperature jackets feature the exclusive **FOLDED and FORMED®** ribbon type heating elements. This unique element configuration provides direct radiation to the workload. Since heat is dissipated quickly, the **F&F®** units can operate with a lower watts density than conventional elements. The resulting lower element surface temperature minimize burnout, while maximizing efficiency.

### **TRENT CUSTOM DESIGN**

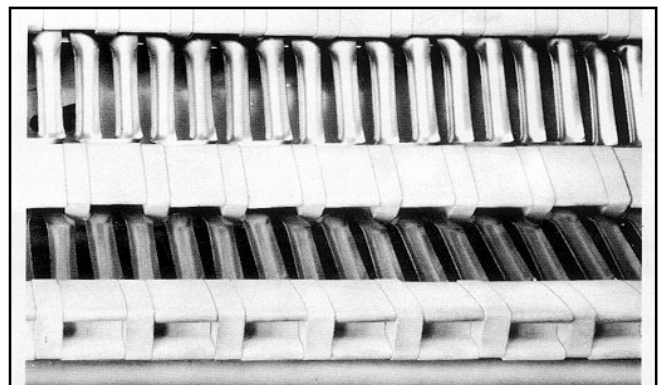
The TRENT jacket, recommended for your application, is the result of a thorough study of your needs by TRENT engineers. Each unit is then produced by skilled craftsmen under the most stringent quality control procedures in the industry at the manufacturing facilities.

Final testing and inspection guarantees that your custom designed jacket will perform to your precise specifications.

TRENT also offers standard jacket designs suitable for many installations, as well as heating units for a wide range of low temperature applications.

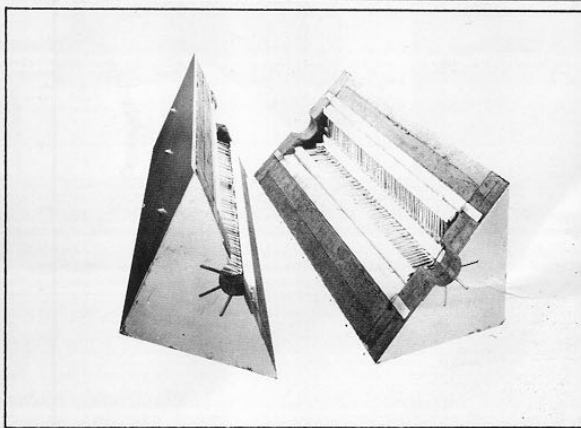
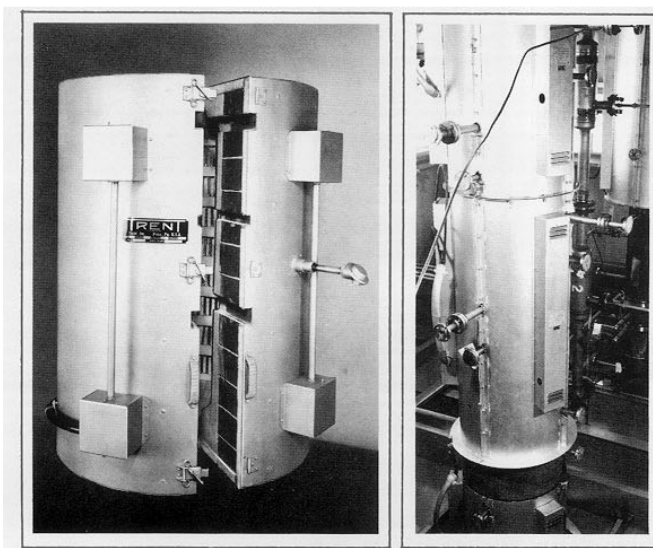
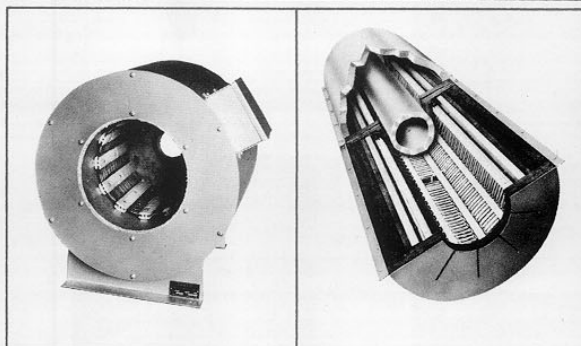
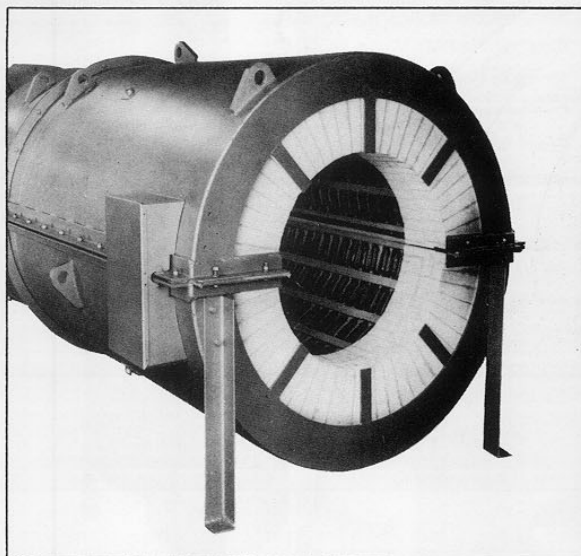
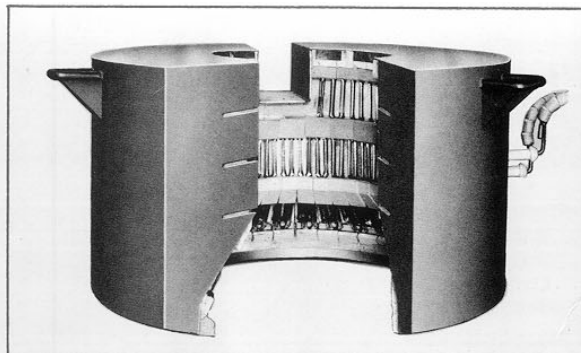
All TRENT jackets are designed for easy field service. Where parts replacement is required, you can depend on prompt delivery to minimize downtime and production slow-downs.

TRENT representatives welcome the opportunity to work with you to solve your process heating problems with these high temperature TRENT electric jackets.



## Typical TRENT Jacket installations include:

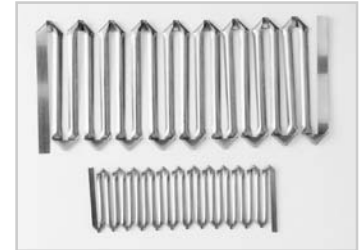
- ⇒ Bricked, split jackets for reactor nozzle heating.
- ⇒ Portable, split jacket drum heaters for quick meltdown of high viscosity materials.
- ⇒ Metal-lined, pipe jackets for vertical or horizontal mounting.
- ⇒ Split jackets for fast heat transfer to fluid or gas pipe coils.
- ⇒ Multi-section split jackets with quick disconnect plugs for easy sectional removal, corrosion-proof Inconel lining.
- ⇒ Split, hinged jackets for quick installation on vertical columns and reduction retorts in uranium processing.
- ⇒ Kettle jackets designed for easy access to heat chamber.
- ⇒ **Let TRENT FOLDED AND FORMED® put controlled electric heat to work in your high temperature process applications. Discuss your special needs with our factory personnel.**



SOLVE YOUR HEATING PROBLEMS WITH

## TRENT Electrically Heated Industrial Equipment & Folded and Formed® HEATING UNITS

TRENT exposed ribbon type heating elements have proven their advantages wherever high-temperature, controlled, radiant heat is essential for efficient, low cost process operations of every type. The TRENT Folded and Formed® heating element is the heart of TRENT Custom-built Equipment and Heating Units.....to assure a greater radiating surface per square inch of cross-section than any other type of electrical heating element!



### TRENT'S COMPLETE LINE OF ELECTRICALLY HEATED PROCESS EQUIPMENT AND HEATING ELEMENTS IS FEATURED IN THE FOLLOWING LITERATURE:

- |                                       |                  |
|---------------------------------------|------------------|
| ■ CAPABILITIES BROCHURE               | Bulletin - CB    |
| ■ PRODUCT BULLETIN                    | Bulletin - PB    |
| ■ FOLDED AND FORMED® HEATING ELEMENTS | Bulletin - FF    |
| ■ FOLDED AND FORMED® HEATING UNITS    | Bulletin - 11    |
| Folded and Formed® Heating Elements   |                  |
| Folded and Formed® Heater Racks       |                  |
| Plug (Air Duct) Heaters               |                  |
| ■ ELECTRIC FURNACES                   | Bulletin - 24    |
| ■ ELECTRIC OVENS                      | Bulletin - 37    |
| ■ ELECTRIC JACKETS                    | Bulletin - 40    |
| ■ ELECTRIC KETTLES AND MELTERS        | Bulletin - 52/62 |
| ■ ELECTRIC HEATING ELEMENTS           | Bulletin - 90    |
| Water Immersion Heaters               |                  |
| Oil Immersion and Fintube Heaters     |                  |
| Strip Heaters                         |                  |
| Cartridge Heaters                     |                  |
| Tubular Heaters                       |                  |
| Hot Plates                            |                  |
| Ceramic Ring Heaters                  |                  |
| ■ CONVEYOR OVENS AND FURNACES         | Bulletin - C-3   |

**FOR MORE INFORMATION** about our products, to request literature, or a quote use one of the following methods:

CALL 1.800.544.TRENT  
E-MAIL us at [info@trentheat.com](mailto:info@trentheat.com), or  
VISIT our WEBSITE at [www.trentheat.com](http://www.trentheat.com)

#### WARRANTY:

*Most of our products carry a one-year warranty on material and workmanship. Exceptions are products used in extreme heat applications or products determined to be damaged through improper use or mis-handling.*