

HOTWATT IS HEATERS.

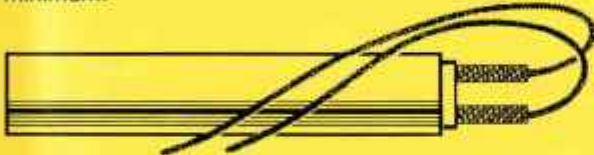


S SUPERWATT CARTRIDGE HEATERS

High watt densities. Temperatures to 1400°F. Swaged construction for maximum heat transfer. Modifications to custom specifications.

SPECS: U.L. RECOGNIZED & C.S.A. CERTIFIED

Diameter: 1/4" through 3/4". Lengths: 1 1/2" through 24" depending on diameter. Watt density: 70W/Sq. inch minimum.



S STANDARD CARTRIDGE HEATERS

Stainless steel sheaths. Temperatures to 1250°F. Modifications to custom specifications. Metric sizes available.

SPECS: U.L. RECOGNIZED & C.S.A. CERTIFIED

Diameter: 1/8" through 1 1/4". Lengths: 1" through 120" depending on diameter. Watt density: 60W/Sq. inch maximum.

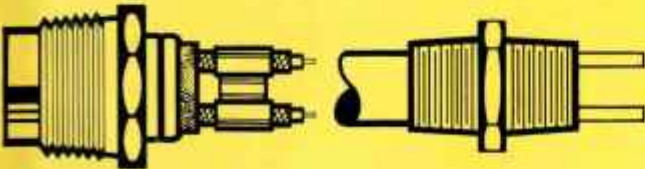


S SQUARE AND RECTANGULAR HEATERS

Stainless steel sheath. Temperatures to 1250°F. For installation in milled slots permitting greater lengths than is feasible with drilled holes.

SPECS: U.L. RECOGNIZED

1/8" square through 1/2" square; 1/8" x 1/4" through 1/4" through 1/4" x 1" rectangular. Lengths: 2" through 120" depending on size. Watt density: 60W/Sq. inch maximum.



S IMMERSION HEATERS

Stainless steel sheath. Brass and stainless steel threaded fittings. Used for direct immersion into liquids.

SPECS: U.L. RECOGNIZED & C.S.A. CERTIFIED

Diameters: 1/4" through 1 1/4". Lengths: 2" through 120" depending on diameter. Watt density: 90W/Sq. inch maximum.

HERE'S AN OVER-ALL LOOK AT HOTWATT'S COMPLETE LINE OF PRECISION HEATING ELEMENTS!

You will get a good indication of which type of heater will fit your requirements from the brief description accompanying each product shown.

Individual catalogs are available (and will be sent to you) on each product category. Use the attached reply card to indicate on which types of heaters you require more specific information.

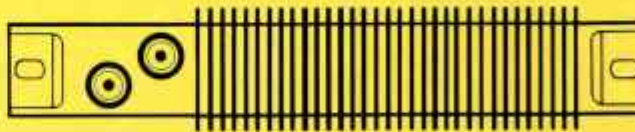


S HIGH TEMPERATURE STRIP HEATERS

Seamless stainless steel sheath. Temperatures to 1250°F. Ceramic and MgO insulated element.

SPECS: U.L. RECOGNIZED

3/8" thick x 1 1/2" wide. Lengths: 5 1/2" through 120". Watt density: 40W/Sq. inch maximum.



S FINNED STRIP HEATERS

Seamless stainless steel sheath. Aluminum or stainless steel fins. Ceramic insulated element. For air heating to 800°F.

SPECS: U.L. RECOGNIZED

Width: 2" with fins. Depth: 1 1/2" with fins. Lengths: 10 1/2" through 120". Watt density: 50W/Sq. inch maximum.

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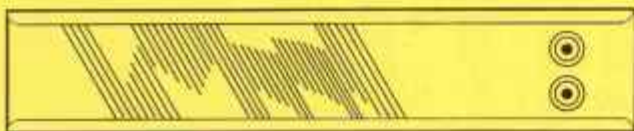


AIR HEATERS

Stainless steel sheath. Available with or without threaded fittings. For heating air up to 1000°F. Infinite control by varying air flow.

SPECS:

Diameter: 3/8" through 2 3/8". Length and wattage depend on air flow.

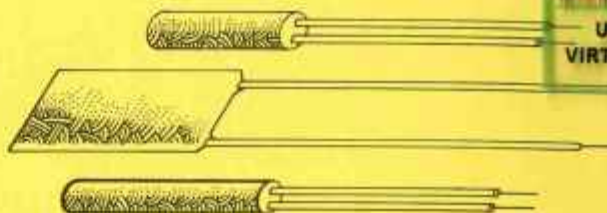


STRIP HEATERS

Mica insulated rust resistant steel or stainless steel sheath. Temperatures to 750°F.

SPECS:

Width: 1" through 4". Thickness: 3/16". Lengths: 4" through 48". Watt density: 30W/Sq. inch maximum.



CERAMIC HEATERS

Resistance elements enclosed in ceramic core. Supplied with insulated lead wires. Temperatures to 1250°F. Available in round or rectangular cross section.

SPECS: U.L. RECOGNIZED & C.S.A. CERTIFIED

A great variety of sizes, shapes, wattages and voltages is available to meet your specifications. Custom shapes and sizes available.

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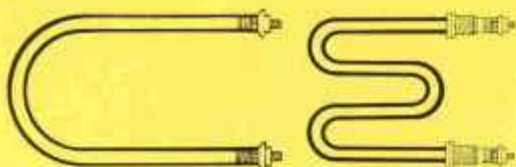
BAND HEATERS

Mica insulated rust resistant steel or stainless steel sheath. Temperatures to 750°F.

Available in one or two piece construction.

SPECS:

One piece construction — Inside diameter: 1" through 11 1/2"; Two piece construction — Inside diameter: 2" through 23". Width: 1" through 12"; Watt density: 30W/Sq. inch maximum.



TUBULAR AND TUBULAR IMMERSION HEATERS

Metal sheath material to suit application needs. May be formed to custom specifications. Adaptable for liquid immersion by adding threaded fitting. May be cast into aluminum or used as radiant heaters. Temperatures to 1800°F.

SPECS:

15" through 190" straight lengths. Diameters: .260" through .450".



QUARTZ HEATERS

A fast response radiant heater providing temperatures to 1800°F. Designed for horizontal uses. Available with screw and nut terminals or flexible leads.

SPECS: U.L. RECOGNIZED

Diameters: 3/8" through 3/4". Lengths: up to 60" depending on diameter. Wattage: up to 5400W depending on size.



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GLASROPE FLEXIBLE HEATERS

Sheath material of woven fiberglass. Available with insulated leads or special terminals. Also available with stainless steel or aluminum sheath. May be supplied in laminated foil sheet. Temperatures to 900°F.

SPECS: U.L. RECOGNIZED & C.S.A. CERTIFIED

Standard diameter: .165" nominal. Lengths: " through 300" Nominal wattage: 5W/linear inch.

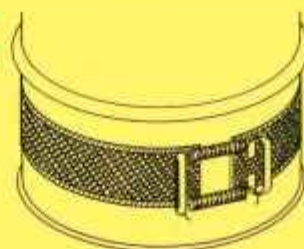
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CRANKCASE HEATERS FOR AIR CONDITIONING

For heating compressor crankcase oil. Many sizes to Original Equipment Manufacturer's specifications.

U.L. RECOGNIZED & C.S.A. CERTIFIED

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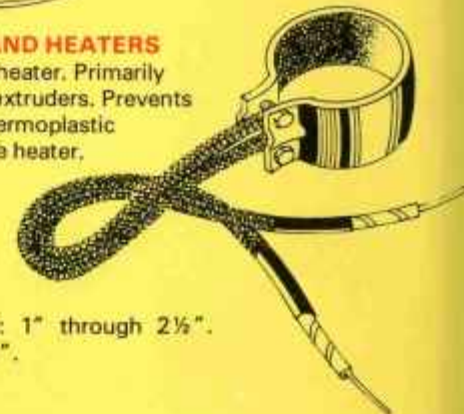
DRUM AND BARREL HEATERS

Standard sizes for heating 5, 15 and 55 gallon drums. Available in 120V or 240V with adjustable thermostatic control. Temperature range: 70° to 600°F. C.S.A. CERTIFIED

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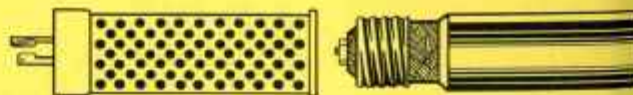
HERMETIC BAND HEATERS

One piece band heater. Primarily used for plastic extruders. Prevents the ingress of thermoplastic materials into the heater.



SPECS:

Inside diameter: 1" through 2 1/2". Width: 1" or 1 1/2".



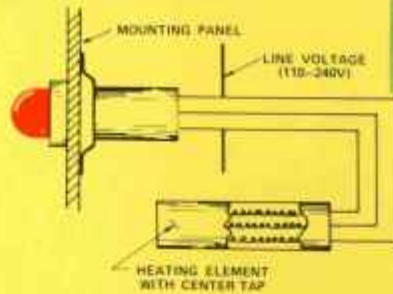
LOCKER HEATERS

Used primarily as dehumidifiers. Available in screw base or plug-in models.

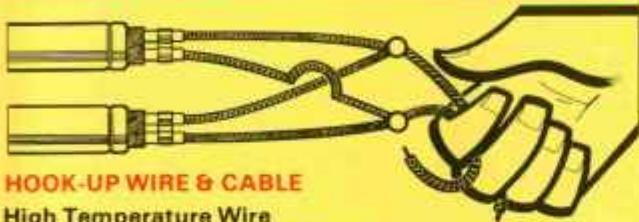


OPEN COIL CERAMIC HEATING ELEMENTS AND RESISTORS

Variety of sizes, shapes, wattages and voltages available.



WIRING DEVICES



HOOK-UP WIRE & CABLE

High Temperature Wire

#20 AWG thru #12 AWG/600 Volt rates Both - U.L. and C.S.A. Labeled

HIGH TEMP. STAINLESS STEEL JUNCTION BOXES

- For protection of terminals
- Removable cover (2 3/4 x 1 1/2 x 1 1/2)
- Standard BX Knock out

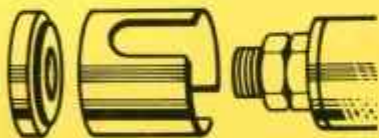


HIGH TEMP. RING TERMINALS

- (Stak-On) Nickle terms to 1200°F
- Non-insulated support



HIGH TEMP. TERMINAL COVERS



- For use with post terminals
- Individual Ceramic covers protect the operator from exposed terminals



HIGH TEMP., NON FRAYING FIBERGLAS SLEEVING

- High Temp. insulation overleads
- Natural Coloring



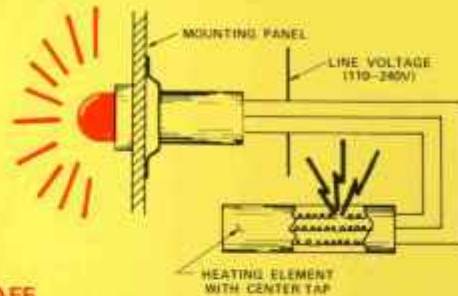
HIGH TEMP. CONDUIT, ST. ST. FLEXIBLE

- For abrasion and flexing protection
- Unpacked St. St.



GLASS CLOTH TAPE

- High Temp. Electrical Wiring Tape
- Scotch No. 27 - 1/2" wide x 66' long



FAILSAFE

An effective low cost warning system to show electric heater failure in critical areas. (Center tapped heater required - consult factory.)



NICKEL CHROMIUM RESISTANCE WIRE

Available in round wire sizes 15 through 40 AWG. Ribbon Wire available: .0015" through .005" thick by 1/64" through 3/16" wide.

Many heaters will show the designation **IN-STOCK** beside them. This indicates an "IN-STOCK" category, and, it means that this product is generally available from Hotwatt's "IN-STOCK" supply.

HOTWATT, INC.

Co.

Electric Heating Specialists

128 MAPLE ST. DANVERS, MASS. 01923
Tel. (617) 772-0070 • Telex 034-9453

HOTWATT SALES AGENTS

EAST

FENWAL, INC.
400 Main Street
Ashland, MA 01721
(617) 881-4800

• **W.K. HILE COMPANY**
P.O. BOX 1015
833 W. JOHN STREET
Matthews, NC 28105
NC (704) 847-9125
TN (615) 573-0700
VA (804) 275-0799

• **C.B. METCALF COMPANY**
2534 Corral Drive
Cantonment, FL 32533
(904) 968-5500 TX 702-440

• **PRIME INDUSTRIAL
COMPONENTS, INC.**
29 Worth Street
South Hackensack, NJ 07606
NJ (201) 489-4101
NY (212) 594-7965
CT (203) 661-5528
TWX 710 990 5121

• **TD1**
P.O. BOX 127
Silver Springs MD 20907
(703) 971-8982

• **UPSTATE COMPONENT
SALES, INC.**
2550 Baird Rd.
Penfield, N.Y. 14526
(716) 381-6070
TWX 510-253-3183

• **WHITE/WHIDDETT
COMPANY**
630 Parkway
Broomall, PA 19008
(215) 353-6343

INTERNATIONAL

• **DIEMOULD SERVICE, CO.,
LTD.**
41B-420 London Road
High Wycombe
 Bucks HP-11
 U.K. England
(Tel.) 23811
 TX33464

• **JOHANN MARY —
ELECTRO, INC.**
404 Nuss-Hertzstrasse 41
Germany
(Tel.) 4472

• **VULCANIC**
40 Rue Louis-Ampere
Z 1 93330 Neuilly
Sur-Maine, France
(Tel.) 935-98-38
TX 682021F

• **ALSO A STOCKING
DISTRIBUTOR**

WEST

• **BELILOVE COMPANY**
P.O. Box 8612
960 Arlington Avenue
Oakland, CA 94608
(415) 658-9011
TX335-406

• **PACIFIC THERMAL SALES**
6740 Balboa Blvd.
Van Nuys, CA. 91406
(213) 997-1772
(213) 873-6262
TX65-1412

SEATRONICS, INC.
515 S. Michigan Street
Seattle, WA 98108
(206) 767-4330
TWX 910-444-4073

MOUNTAIN

• **D.E. BOND ASSOCIATES**
2124 S. Birch Street
Denver, CO 80222
(303) 756-1234
TWX 910-931-2553
TX 45-599

CENTRAL

• **ALLIED ENTERPRISES**
7281 Pearl Road
Cleveland, OH 44130
OH-(216) 826-3350
OH-(513) 274-3224
PA-(412) 325-3200

• **CUSHING TECHNICAL
CORP.**
1000 N. Madison, Suite No. S-8
Greenwood, IN. 46142
(317) 888-6840

**HENRY J. DURST &
ASSOC.**
5204 Sir Bors Drive —
Apt. No. 2
St. Louis, MO 63129
(314) 892-2773

• **ELECTRICAL INSTRUMENT
& METER CO.**
1424 Westheimer
Houston, TX 77006
(713) 526-6871

• **ETS EQUIPMENT
COMPANY**
154 Burlington Street
Clarendon Hills, IL 60514
(312) 325-4887
TX33-54887

KRUSE CORPORATION
5453 W. Diversey Ave.
Chicago, IL. 60639
(312) 745-9073

CANADA

• **STEPHEN SALES
COMPANY**
P.O. Box 1361
Station B, Downsview
Ontario M3H 5W3
Canada
(416) 745-8486
TX 06-969529



HOTWATT IS TEMPERATURE CONTROLS. ®



POWER CONTROLS



INDUSTRIAL
THERMOMETERS

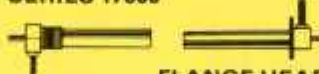


SURFACE MOUNT
THERMOSTATS

DIFFERENTIAL EXPANSION
THERMOSWITCHES



CARTRIDGE TYPE-
SERIES 17000



HEX HEAD

FLANGE HEAD



COUPLING
HEAD

JUNCTION BOX
IMMERSION



SNAP-ACTION
THERMOSTATS



SERIES 194
THERMISTOR SENSING
TEMPERATURE
CONTROLLERS



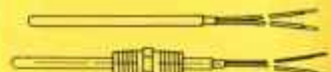
SERIES 551



SERIES 550
THERMOCOUPLE SENSING
TEMPERATURE
CONTROLLERS



SERIES 543



THERMISTOR AND
THERMOCOUPLE PROBES



MAGNETIC
CONTACTORS



INDICATING
& NON-INDICATING
PRECISION MECHANICAL
CONTROLLERS

