



# Thermcraft

incorporated

Manufacturer of Custom Industrial / Laboratory Furnaces and Ovens

## **eXPRESS-LINE**



# eXPRESS-LINE Furnaces

## 1100°C Split Tube for Process Tubes up to 2¾" Diameter



- 3" inner diameter heated chamber
- 1100° C (2000° F) maximum operating temperature
- Low mass Fibercraft™ vacuum formed ceramic fiber heater with embedded resistance wire
- Process tube diameter range up to 2 ¾"
- Heated chamber length range of 12", 18", 24" or 36"
- Can be mounted vertically or horizontally
- Brackets included for vertical mounting
- 230 volts electrical requirements
- Comes with Platinel II thermocouple(s) one per zone
- 10' interconnecting power cable
- Removable/customizable vestibule blocks

Two (2) vestibule blocks included (one for each end), additional vestibule blocks are available as an option. Hole sizes include: 0.50", 1.00", 1.50" 2.00", 2.5", 2.75", as well as Solid and Custom sizes. Please specify when ordering.

Model	XST-3-0-12-1V	XST-3-0-18-1V	XST-3-0-24-1V	XST-3-0-36-1V	XST-3-0-18-3V	XST-3-0-24-3V	XST-3-0-36-3V
Heated Chamber Size	3" ID x 12" long	3" ID x 18" long	3" ID x 24" long	3" ID x 36" long	3" ID x 18" long	3" ID x 24" long	3" ID x 36" long
Heat Zones	1	1	1	1	3	3	3
Heat Zone Length(s)	12"	18"	24"	36"	3" + 12" + 3"	6" + 12" + 6"	6" + 24" + 6"
Watts	1700	2550	3400	5100	2550	3400	5100
Amps	7.4	11.1	14.8	22.2	11.1	14.8	22.2
Control System	1-1-20-230-E15SP	1-1-20-230-E15SP	1-1-20-230-E15SP	1-1-40-230-E15SP	3-1-20-230-E15SP	3-1-20-230-E15SP	3-1-40-230-E15SP
Exterior Size (H x D x W)	17.5" x 13.5" x 18"	17.5" x 13.5" x 24"	17.5" x 13.5" x 30"	17.5" x 13.5" x 42"	17.5" x 13.5" x 24"	17.5" x 13.5" x 30"	17.5" x 13.5" x 42"

## 1100°C Split Tube for Process Tubes up to 5½" Diameter

- 6" inner diameter heated chamber
- 1100° C (2000° F) maximum operating temperature
- Low mass Fibercraft™ vacuum formed ceramic fiber heater with embedded resistance wire
- Process tube diameter range up to 5½"
- Heated chamber length range of 24" or 36"
- Can be mounted vertically or horizontally
- Brackets included for vertical mounting
- 230 volts electrical requirements
- Comes with Platinel II thermocouple(s) one per zone
- 10' interconnecting power cable
- Removable/customizable vestibule blocks

Two (2) vestibule blocks included (one for each end), additional vestibule blocks are available as an option. Hole sizes include: 0.50", 1.00", 1.50" 2.00", 2.5", 2.75", 3.00, 3.50", 4.00", 4.50", 5.00", 5.50", as well as Solid and Custom sizes. Please specify when ordering.



Model	XST-6-0-24-1V	XST-6-0-36-1V	XST-6-0-24-3V	XST-6-0-36-3V
Heated Chamber Size	6" ID x 24" long	6" ID x 36" long	6" ID x 24" long	6" ID x 36" long
Heat Zones	1	1	3	3
Heat Zone Length(s)	24"	36"	6" + 12" + 6"	6" + 24" + 6"
Watts	6800	10200	6800	10200
Amps	29.6	44.4	29.6	44.4
Control System	1-1-40-230-E15SP	1-1-60-230-E15SP	3-1-40-230-E15SP	3-1-60-230-E15SP
Exterior Size (H x D x W)	23" x 17" x 30"	23" x 17" x 42"	23" x 17" x 30"	23" x 17" x 42"

eXPRESS-LINE • Ships Within Two Weeks • Competitively Priced • 1 Year Warranty

# eXPRESS-LINE Furnaces

## 1200°C Split Tube for Process Tubes up to 2¾" Diameter



- 3" inner diameter heated chamber
- 1200° C (2200° F) maximum operating temperature
- Ceramic refractory heater with embedded resistance wire
- Process tube diameter range up to 2 ¾"
- Heated chamber length range of 12", 18", 24" or 36"
- Can be mounted vertically or horizontally
- Brackets included for vertical mounting
- 230 volts electrical requirements
- Comes with Platinel II thermocouple(s) one per zone
- 10' interconnecting power cable
- Removable/customizable vestibule blocks

Two (2) vestibule blocks included (one for each end), additional vestibule blocks are available as an option. Hole sizes include: 0.50", 1.00", 1.50" 2.00", 2.5", 2.75", as well as Solid and Custom sizes. Please specify when ordering.

Model	XST-3-0-12-1C	XST-3-0-18-1C	XST-3-0-24-1C	XST-3-0-36-1C	XST-3-0-18-3C	XST-3-0-24-3C	XST-3-0-36-3C
Heated Chamber Size	3" ID x 12" long	3" ID x 18" long	3" ID x 24" long	3" ID x 36" long	3" ID x 18" long	3" ID x 24" long	3" ID x 36" long
Heat Zones	1	1	1	1	3	3	3
Heat Zone Length(s)	12"	18"	24"	36"	3" + 12" + 3"	6" + 12" + 6"	6" + 24" + 6"
Watts	2260	3390	4520	6780	3390	4520	6780
Amps	9.8	14.8	19.7	29.5	14.8	19.7	29.5
Control System	1-1-20-230-E15SP	1-1-20-230-E15SP	1-1-20-230-E15SP	1-1-40-230-E15SP	3-1-20-230-E15SP	3-1-20-230-E15SP	3-1-40-230-E15SP
Exterior Size (H x D x W)	17.5" x 13.5" x 18"	17.5" x 13.5" x 24"	17.5" x 13.5" x 30"	17.5" x 13.5" x 42"	17.5" x 13.5" x 24"	17.5" x 13.5" x 30"	17.5" x 13.5" x 42"

## 1200°C Split Tube for Process Tubes up to 5½" Diameter

- 6" inner diameter heated chamber
- 1200° C (2200° F) maximum operating temperature
- Ceramic refractory heater with embedded resistance wire
- Process tube diameter range up to 5½"
- Heated chamber length range of 24" or 36"
- Can be mounted vertically or horizontally
- Brackets included for vertical mounting
- 230 volts electrical requirements
- Comes with Platinel II thermocouple(s) one per zone
- 10' interconnecting power cable
- Removable/customizable vestibule blocks

Two (2) vestibule blocks included (one for each end), additional vestibule blocks are available as an option. Hole sizes include: 0.50", 1.00", 1.50" 2.00", 2.5", 2.75", 3.00, 3.50", 4.00", 4.50", 5.00", 5.50", as well as Solid and Custom sizes. Please specify when ordering.



Model	XST-6-0-24-1C	XST-6-0-36-1C	XST-6-0-24-3C	XST-6-0-36-3C
Heated Chamber Ssize	6" ID x 24" long	6" ID x 36" long	6" ID x 24" long	6" ID x 36" long
Heat Zones	1	1	3	3
Heat Zone Length(s)	24"	36"	6" + 12" + 6"	6" + 24" + 6"
Watts	9200	13800	9200	13800
Amps	40.0	60.0	40.0	60.0
Control System	1-1-40-230-E15SP	1-1-60-230-E15SP	3-1-40-230-E15SP	3-1-60-230-E15SP
Exterior Size (H x D x W)	23" x 17" x 30"	23" x 17" x 42"	23" x 17" x 30"	23" x 17" x 42"

eXPRESS-LINE • Ships Within Two Weeks • Competitively Priced • 1 Year Warranty

Thermcraft designs CUSTOM furnaces to meet your thermal requirements

# eXPRESS-LINE Furnaces & Controls

## 1200°C Solid Tube for process tubes up to 2¾" Diameter



- 3" inner diameter heated chamber
- 1200° C (2200° F) maximum operating temperature
- Ceramic refractory heater with embedded resistance wire
- Heated chamber length range of 12", 18" or 24"
- Process tube diameter range up to 2 ¾" Diameter
- Can be mounted vertical or horizontal position
- 230 volts electrical requirements
- Comes with a Platinel II thermocouple
- Stainless steel exterior shell
- 10' interconnecting power cable

Model	XSL-3-0-12-1C	XSL-3-0-18-1C	XSL-3-0-24-1C
Heated Chamber Size	3" ID x 12" long	3" ID x 18" long	3" ID x 24" long
Heat Zones	1	1	1
Heat Zone Length(s)	12"	18"	24"
Watts	2260	3440	4520
Amps	9.8	14.9	19.7
Control System	1-1-20-230-E15SP	1-1-20-230-E15SP	1-1-20-230-E15SP
Exterior Size (DIA x H)	13"OD x 15"long	13"OD x 21"long	13"OD x 27"long

## Single Zone and Three Zone Control Systems

- Integrated circuit breaker
- Single set point controller
- Table top control cabinet
- TUV approved
- Exterior dimensions 14"W x 14"D x 6"H
- Exterior dimensions 20"W x 16"D x 9.5"H
- \*\*Available with optional programmable controller
- \*\*Available with optional high limit switch



Model	1-1-20-230-E15SP	1-1-40-230-E15SP	1-1-60-230-E15SP	3-1-20-230-E15SP	3-1-40-230-E15SP	3-1-60-230-E15SP
Heat Zones	1	1	1	3	3	3
Amperage Rating	20 amp	40 amp	60 amp	20 amp	40 amp	60 amp
Exterior Size (WxDxH)	14"x14"x6"	14"x14"x6"	14"x14"x6"	20"x16"x9.5"	20"x16"x9.5"	20"x16"x9.5"

eXPRESS-LINE • Ships Within Two Weeks • Competitively Priced • 1 Year Warranty

## Protegé Tube Furnace



- 1100° C (2000° F) maximum operating temperature
- 2" inner diameter heated chamber
- Low mass Fibercraft™ vacuum formed ceramic fiber heater with embedded resistance wire
- Process tube diameter range up to 1¼"
- 120 or 240 volts electrical requirements
- Integrated circuit breaker
- Single set point controller
- Comes with a Platinel II thermocouple

Model	XST-2-0-12-Mini-120	XST-2-0-12-Mini-240
Heated chamber size	2" ID x 12" long	2" ID x 12" long
Heat zones	1	1
Heat zone length	12"	12"
Electrical requirements	120V	208V/240V
Watts	1200	832/1200
Amps	10	4.0/5.0
Exterior Size (H x D x W)	14" x 11" x 16"	14" x 11" x 16"

## 1200°C Box Furnace

- 1200° C (2200° F) maximum operating temperature
- Ceramic refractory heater with embedded resistance wire
- Two different chamber sizes
- 230 volts electrical requirements
- Integrated circuit breaker
- Single set point controller
- Comes with a Platinel II thermocouple



Model	XSB-8-8-12-1C	XSB-12-12-18-1C
Chamber width	8"	12"
Chamber Height	8"	12"
Chamber Depth	12"	18"
Watts	3100	6000
Amps	13.5	26.1
Exterior Size (W x D x H)	23" x 18" x 24"	26" x 30" x 27"

# eXPRESS-LINE Ovens

## 225°C Low Temperature Forced Air

- Maximum temperature rating of 225°C (437°F)
- 304 stainless steel interior
- Includes two shelves (option of 8 maximum)
- Recirculating air for excellent uniformity
- Horizontal air flow
- Manually adjustable exhaust
- Two different chamber sizes
- 120 or 220 volts electrical requirements
- Single set point controller with 99 min/ 99 hour timer



Model	XOV-16.5-16.5-19-1A-SL	XOV-16.5-16.5-19-1A-2-SL	XOV-21-21-19.5-1A-SL	XOV-21-21-19.5-1A-2-SL
Chamber Width	16.5"	16.5"	21"	21"
Chamber Depth	19.5"	19.5"	19.5"	19.5"
Chamber Height	16.5"	16.5"	21"	21"
Watts	1100	1100	1500	1500
Volts	120	220	120	220
Amps	9.5	4.5	13	8
Exterior Size (W x D x H)	25.6" x 25.6" x 33.3"	25.5" x 25.6" x 33.3"	30" x 25.6" x 38"	30" x 25.6" x 38"

## 260°C Low Temperature Forced Air

- Maximum temperature rating of 260°C (500°F)
- 304 stainless steel interior
- Includes three shelves (option of 6 maximum)
- Recirculating air for excellent uniformity
- Horizontal air flow
- Manually adjustable exhaust
- 220 volts electrical requirements
- Controller with programmable temperature controls



Model	XOV-30-30-19.8-1A-SL
Chamber width	30"
Chamber depth	19.8"
Chamber height	30"
Watts	5500
Volts	220
Amps	26
Exterior Size (W x D x H)	44" x 28.25" x 55.1"
Controller	24 Step Ramp/Soak

eXPRESS-LINE • Ships Within Two Weeks • Competitively Priced • 1 Year Warranty

## Options

Part Number	Description
	<b>OPTIONS FOR BOX FURNACES</b>
XSB-8-8-12-STAND	Stand
XSB-12-12-18-STAND	Stand
XSB-TC-KS	Standard Replacement Type K Thermocouple
XSB-TC-KD	Dual Type K Thermocouple (same length for both)
XSB-TC-PS	Platinel Thermocouple
XSB-TC-PD	Dual Platinel Thermocouple (same length for both)
	<b>OPTIONS FOR SOLID TUBE FURNACES</b>
XSL-TC-KS	Standard Replacement Type K Thermocouple
XSL-TC-KD	Dual Type K Thermocouple (same length for both)
XSL-TC-PS	Platinel Thermocouple
XSL-TC-PD	Dual Platinel Thermocouple (same length for both)
	<b>OPTIONS FOR SPLIT TUBE FURNACES</b>
XST-TC-KS	Standard Replacement Type K Thermocouple
XST-TC-KD	Dual Type K Thermocouple (same length for both)
XST-TC-PS	Platinel Thermocouple
XST-TC-PD	Dual Platinel Thermocouple (same length for both)
	<b>ADDITIONAL VESTIBULE BLOCKS FOR 3" ID FURNACES</b>
XVB-8620-3-S	Vestibule Block Blank (each)
XVB-8620-3-0.50	Vestibule Block 0.50" ID (each)
XVB-8620-3-1.00	Vestibule Block 1.00" ID (each)
XVB-8620-3-1.50	Vestibule Block 1.50" ID (each)
XVB-8620-3-2.00	Vestibule Block 2.00" ID (each)
XVB-8620-3-2.50	Vestibule Block 2.50" ID (each)
	<b>ADDITIONAL VESTIBULE BLOCKS FOR 6" ID FURNACES</b>
XVB-8620-6-S	Vestibule Block Blank (each)
XVB-8620-6-3.00	Vestibule Block 3.00" ID (each)
XVB-8620-6-3.50	Vestibule Block 3.50" ID (each)
XVB-8620-6-4.00	Vestibule Block 4.00" ID (each)
XVB-8620-6-4.50	Vestibule Block 4.50" ID (each)
XVB-8620-6-5.00	Vestibule Block 5.00" ID (each)
XVB-8620-6-5.50	Vestibule Block 5.50" ID (each)
	<i>***Vestibule blocks are sold as individuals</i>
	<i>***Each Furnace requires two (2) vestibule blocks</i>
	<b>OPTIONS FOR CONTROL SYSTEMS</b>
X1-PROGRAM	Single program controller
X4-PROGRAM	Four program controller
x-HL-20A	High Limit controller 20Amps
x-HL-40A	High Limit controller 40Amps
X-HL-60A	High Limit controller 60 AMP
X-PC-20A	Power cord 20 Amp
X-PC-40A	Power cord 40 Amp
X-PC-60A	Power cord 60 Amp
X-1C-20A-1Z	Interconnecting Cables Single Zone 20 Amp
X-1C-40A-1Z	Interconnecting Cables Single Zone 40 Amp
X-1C-60A-1Z	Interconnecting Cables Single Zone 60 Amp
X-1C-40A-3Z	Interconnecting Cables Three Zone 40 Amp
X-1C-60A-3Z	Interconnecting Cables Three Zone 60 Amp
X-12-Timer	12 Hour-Timer

# Thermcraft Incorporated

## Product Line

**Marshall Tubular Furnaces**  
Series 1000 to 1500



Rugged, Reliable  
Fast Delivery  
Competitive In Price



**Thermcraft**  
**LAB-TEMP**  
Laboratory Test Ovens and Furnaces

Thermcraft is the Exclusive Supplier of Ovens and Furnaces to Some of the Leading Materials Testing System Manufacturers

LAB-TEMP Ovens and Furnaces are Designed to Work with Tensile Testing, Fatigue Testing, Compression Testing, Hardness Testing, and Material Testing Systems of All Types

**FEATURES AND OPTIONS AVAILABLE**

- Ovens and Furnaces Can Be Customized to Meet Specific Needs
- Standard Models Available for Many Common Applications
- Loading Ovens and Furnaces Can Be Automated and Integrated to Heat Treatment Schedules
- Replacement of Oven Doors of Furnaces to Existing Test Equipment Capabilities is Possible
- Standard and Custom Mounting Brackets, Test Machine Mounts, OR Flexible Supports
- Process Temperature Control Systems with Various Data Recording
- Cryogenic Cooling Systems (CO<sub>2</sub> or Liquid N<sub>2</sub>)
- Direct Temperature of Ovens or Furnaces to be Tested
- Special Temperature up to 1500°C (2700°F)
- Whispering Quiet Systems
- Full OEM Support
- Replacement Parts Available for All Ovens and Furnaces



**Thermcraft**  
**LAB-TEMP**  
LABORATORY TEST OVENS AND FURNACES

BY:



**Thermcraft**  
**TRANS TEMP**  
TRANSPARENT  
Tube Furnaces



**Thermcraft**  
MODEL IQA-121220-1177  
INTEGRAL QUENCH FURNACE



**Thermcraft**  
SERIES BHF  
GENERAL PURPOSE BOX FURNACES



**Thermcraft**  
Element Refurbishment Service  
Vertical Furnaces (all OEMs)

Typical Refurbish Process:

1. Remove the old elements from the furnace.
2. Clean the elements with a special cleaning solution.
3. Reheat the elements to a temperature above their maximum operating temperature.
4. Inspect the elements for any damage.
5. Reinstall the elements in the furnace.



**THERM-CRAFT POLYMER BURN-OUT SYSTEM FURNACE**



**Furnace Specifications**

- Natural Gas Fired
- 1 Million BTU/Year Heat Input
- Operation System Designed to 10 Safety Requirements
- Latest Fuel Efficient Pre-heater on Burner
- Insulated Chamber 47 1/2" x 47 1/2" x 20" Deep
- Efficient Low Mass Ceramic Filter Insulation
- Quartz Chert Insulating Refractory in Water Areas
- Vertical LR Phosphorically Coated Steel
- Trucks Pre-ignition and Pre-heat on Burner
- Emergency Shut-Down Power Shut-off
- Automatic System Includes Purge for Controlled Burn Heat
- Automatic Temperature Control (Programmable Type)
- Heater Tube Inlet/Fly
- Heavy Duty Steel Base

Thermcraft, Inc. P.O. Box 10000, Thermcraft, MO 63111-0001, USA  
Tel: 636-251-4800 Fax: 636-251-7600

**Thermcraft**  
**Fibercraft™**  
Custom Insulation Shapes

Thermcraft is a leading manufacturer of custom insulation shapes for heat treatment, annealing, and other industrial processes. Our products are made from high-quality ceramic fibers and are available in a wide range of shapes and sizes.

**Our Insulation Shapes**

- Custom Insulation Shapes for Heat Treatment, Annealing, and Other Industrial Processes
- Custom Insulation Shapes for High Temperature Applications
- Custom Insulation Shapes for Low Temperature Applications
- Custom Insulation Shapes for Special Applications

**Custom Insulation Shapes**

Thermcraft's custom insulation shapes are made from high-quality ceramic fibers and are available in a wide range of shapes and sizes. Our products are made from high-quality ceramic fibers and are available in a wide range of shapes and sizes.

**Surface Finishing and Coating**

Thermcraft's custom insulation shapes are available with a variety of surface finishes and coatings. Our products are made from high-quality ceramic fibers and are available in a wide range of shapes and sizes.

**Insulation Systems**

Thermcraft's custom insulation shapes are available as part of a complete insulation system. Our products are made from high-quality ceramic fibers and are available in a wide range of shapes and sizes.

**Energy Efficient**

Thermcraft's custom insulation shapes are designed to be energy efficient. Our products are made from high-quality ceramic fibers and are available in a wide range of shapes and sizes.

**High Temperature Capability**

Thermcraft's custom insulation shapes are capable of withstanding high temperatures. Our products are made from high-quality ceramic fibers and are available in a wide range of shapes and sizes.



**Thermcraft**  
Thermally Engineered  
Heating Elements  
for Oil and Gas  
Processes




**Thermcraft**  
DUAL CHAMBER TOOL ROOM FURNACE

Replacements For  
Horizontal and Vertical  
Diffusion Furnace Systems



**FIBERCRAFT™**  
by Thermcraft

HEATING ELEMENTS  
LOW MASS  
VACUUM FORMED CERAMIC FIBER



**CONTEMPORARY KILN**

**ANNEALING OVEN**  
TYPICAL SPECIFICATIONS

SIZES (CHAMBER FRONT LENGTH)	
Model	Capacity
AK-1000	1000 lbs.
AK-1500	1500 lbs.
AK-2000	2000 lbs.
AK-2500	2500 lbs.
AK-3000	3000 lbs.
AK-3500	3500 lbs.
AK-4000	4000 lbs.
AK-4500	4500 lbs.
AK-5000	5000 lbs.
AK-5500	5500 lbs.
AK-6000	6000 lbs.
AK-6500	6500 lbs.
AK-7000	7000 lbs.
AK-7500	7500 lbs.
AK-8000	8000 lbs.
AK-8500	8500 lbs.
AK-9000	9000 lbs.
AK-9500	9500 lbs.
AK-10000	10000 lbs.

Thermcraft, Inc. P.O. Box 10000, Thermcraft, MO 63111-0001, USA  
Tel: 636-251-4800 Fax: 636-251-7600

**Thermcraft**  
SERIES BHSF  
CONTROLLED ATMOSPHERE  
HEAT TREATING FURNACES



MODEL BHSF-242436-1371

Thermcraft's Series BHSF Controlled Atmosphere Heat Treating Furnaces are designed to provide a controlled atmosphere for heat treating. Our products are made from high-quality ceramic fibers and are available in a wide range of shapes and sizes.

**Thermcraft**  
High Performance Technology  
**Controls**  
Electronic Furnace Temperature & Atmosphere



**Thermcraft**  
CRYSTAL GROWING SYSTEMS

VERTICAL BRIDGMAN GROWING SYSTEM

SHIRT LAP WINDING FOR BAL SYSTEM

GRADIENT FREEZE FURNACE ALSO DESIGNED FOR HORIZONTAL BRIDGMAN GROWING



**Thermcraft**  
High Performance Technology  
**Custom Box Furnaces**



**Thermcraft**  
High Performance Technology  
**Custom Box Furnaces**



**Thermcraft**  
High Performance Technology  
**CAST HEATERS**  
LARGE-SIZE, SINGLE-PIECE CERAMIC HEATER PLATES



**Thermcraft**  
High Performance Technology  
**CAST HEATERS**  
LARGE-SIZE, SINGLE-PIECE CERAMIC HEATER PLATES

AVAILABLE TO MEET ALL REQUIREMENTS OF 1000 to 2000 lbs. heat treatment capacity. Large size of 1000 lbs. to 2000 lbs. heat treatment capacity. Large size of 1000 lbs. to 2000 lbs. heat treatment capacity. Large size of 1000 lbs. to 2000 lbs. heat treatment capacity.

**Thermcraft**  
CAST ELECTRIC HEATING ELEMENTS  
for ALUMINUM CRUCIBLE FURNACES  
and MAGNESIUM POT FURNACES

CRUCIBLE HEATING ELEMENTS ARE MANUFACTURED WITH HIGH TEMPERATURE CERAMIC CERAMIC, IRON, CHROME, ALUMINUM OXIDE, AND NICKEL-CHROME. ALUMINUM OXIDE CERAMIC HEATING ELEMENTS ARE USED TO PREVENT WORK HARDENING AND POSSIBLE LEAD FAILURE DUE TO NORMAL WORKPLACE MECHANICAL STRESS AND VIBRATION.

THE WIRE LEADS ON THE WIRE ARE CALIBRATED TO MEET THE HEATER'S DESIGN REQUIREMENTS.

THERM-CRAFT CAN DESIGN AND MANUFACTURE HEATERS FOR ALL BRANDS OF ALUMINUM CRUCIBLE FURNACES OR MAGNESIUM POT CRUCIBLE FURNACES.

THE HEATERS CAN BE MANUFACTURED IN ANY SIZE OR WIRE REQUIREMENTS FOR YOUR EQUIPMENT. JUST TELL US YOUR REQUIREMENTS AND WE WILL DESIGN AND MANUFACTURE THE HEATERS TO MEET YOUR REQUIREMENTS.



**Thermcraft**  
High Performance Technology  
**CERAMIC REFRACTORY HEATERS**  
High Temperature Electric Heaters  
Including Fibercraft™ Insulation Packages



**Thermcraft**  
High Performance Technology  
**Custom Box Furnaces**



## Other **Thermcraft** Products:

Tube Furnaces

Box Furnaces

Ceramic Heating Elements

Ceramic Fiber Insulation & Insulation Packages

Control Systems

Custom Ovens

Diffusion Heating Elements

Fibercraft Vacuum Formed Heating Elements

**LAB-TEMP**

**TransTemp** Furnaces

**Marshall** Furnaces

**eXPRESS-LINE** Furnaces & Ovens

**Contemporary Kilns**

Thermocouples

Vestibule Blocks

### Company Overview

**Thermcraft** incorporated designs, manufactures, and markets high quality custom and standard industrial and laboratory heaters, ovens and furnaces.

Founded in 1971 in Winston-Salem, North Carolina with a simple line of heaters, **Thermcraft** continues to expand its product line. We now manufacture a wide range of heating elements, custom furnaces, recirculating ovens, tube furnaces, box furnaces, high temperature heaters, diffusion furnace heaters along with electronic temperature sensors and controls, vacuum formed insulation and vacuum formed ceramic fiber heaters. Thermcraft's products are utilized worldwide in various industries, including Crystal Growing, Nano Technology, Heat Treating, Metal Treating, Ceramics, Wire, Glass, Chemical, Nuclear, R&D/Laboratory and Universities, Aerospace, Pharmaceutical, Government, Military, Solar, and the Semiconductor Industry.

Accepted for your convenience



Contact your local sales representative or our staff of trained sales engineers in our Winston-Salem facility with any of your thermal requirements. For more information on Thermcraft, our product line and exceeding all your industrial heating needs, please contact us at:

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Fax: 1.336.784.0634  
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