



2023
CATALOG



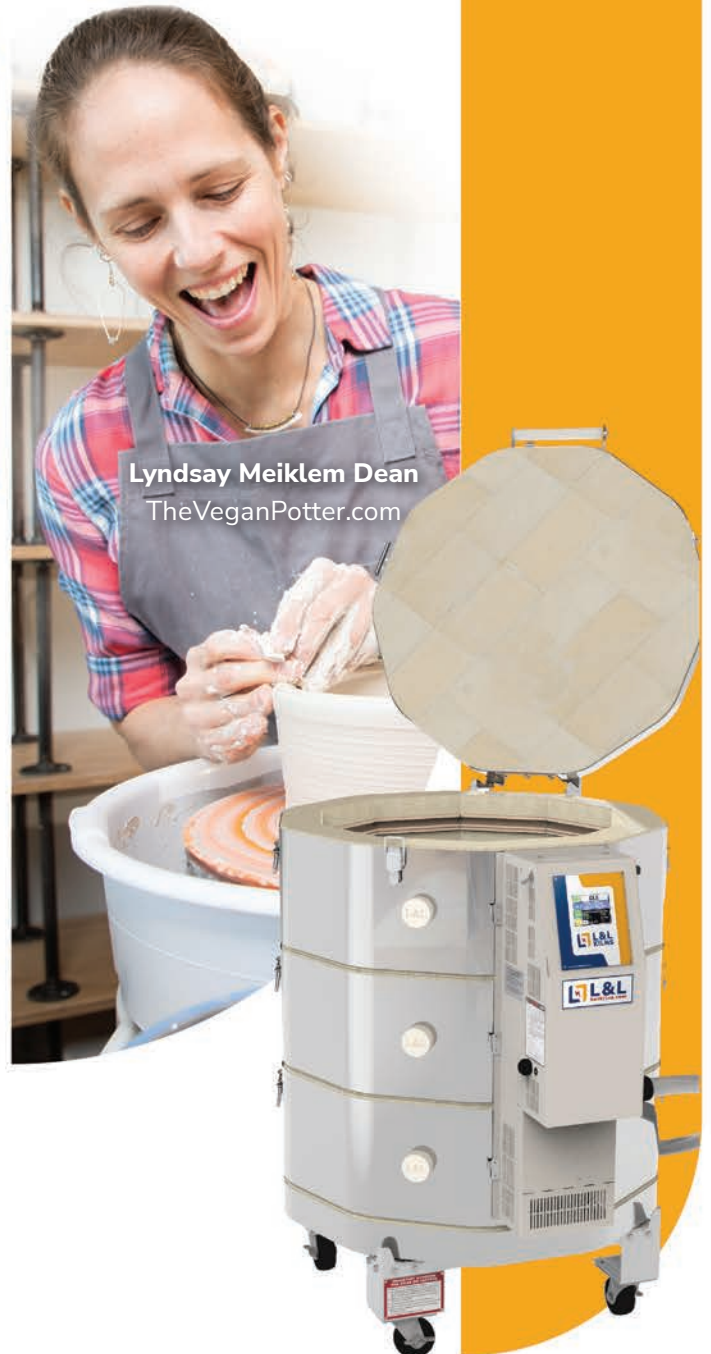
Karrita Renzelmann

QueenBeePottery.com
ClayStamps.etsy.com



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MasaSasakiCeramics.com



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TheVeganPotter.com



PG. 8

EASY-FIRE
POTTERY KILNS



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SCHOOL-MASTER
K-12 SCHOOL KILNS



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EQUAD-PRO
PRODUCTION KILNS



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JH SERIES
CRYSTALLINE KILNS

POLYGONAL KILNS

A wide offering of kilns that cater to hobbyists and professionals alike. Our polygonal kilns have many possible configurations to accommodate various trades and production needs.



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DOLL/TEST
CRAFT/TEST KILNS



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JUPITER SERIES
CUSTOMIZABLE KILNS



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PULL-APART
SCULPTURE KILNS

DAVINCI KILNS

This is L&L's classic production kiln. Great for universities, large high school programs, tile makers, dinnerware producers, and so much more!

Available in sizes ranging from 7.3 cu FT to 34.6 cu FT



16-17

X-SERIES
SQUARE KILNS



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T-SERIES
RECTANGULAR KILNS

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- Large Polygonal Kilns
- Large Square Kilns

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- Vent-Sure Vent System & Options

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- Signature L&L Features
- Genesis Control With Free Phone App

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- Kiln Shelves & Posts
- Options & Accessories
- Quad & Apm Element Upgrades
- Rolling Stands



18-19

EFL SERIES
STUDIO FRONT-LOADERS



20-21

EASY-LOAD SERIES
COMMERCIAL FRONT-LOADERS

FRONT LOADING KILNS

High output and easy to use, our studio and large commercial front-loaders give a range of features and options. These are excellent kilns for large studios, universities, and advanced high schools, as well as for industrial applications.



22-23

DAVINCI BELL-LIFT KILNS

Industrial scale solutions, focused on high volume output, ease of loading, and simple maintenance.

Available in sizes ranging from 14.5 cu FT to 100 cu FT

LEAD TIMES

All lead times for each model are listed on our website on each model page and are specific to each model. We update these weekly.

GENERAL DIMENSION DRAWINGS

Each model page on the website has a specific General Dimension Drawing with almost all dimensions and specifications you might need before ordering.



KILN SELECTOR

L&L Kiln's unique Hard Ceramic
Element Channels protect your
kiln, your work, and your time.

Matt Horne
Crystalline Ceramics

Elements can be changed
in minutes without
damaging the firebrick.
NO PINS OR CRIMPING!

L&L's proprietary
Hard Ceramic Element
Channels add years to
the life of your kiln by
protecting the fragile
firebrick during element
changes and from
accidental bumps.

Without pins, your
elements have the
freedom to expand
during firing, reducing
strain on the elements
and prolonging their life. Our element channels also make
element changes fast and easy: there is no need to take
the kiln apart, no pins to install, and no difficult crimping
with special tools.



Hard Channels



Protect Your Brick

Clean. Precise. Dependable.



Fires Clean

Hard element channels protect the kiln interior and prolong element life.



Fires Evenly

Zone control automatically adjusts your elements' heat output, balancing the heat throughout your kiln from top to bottom.



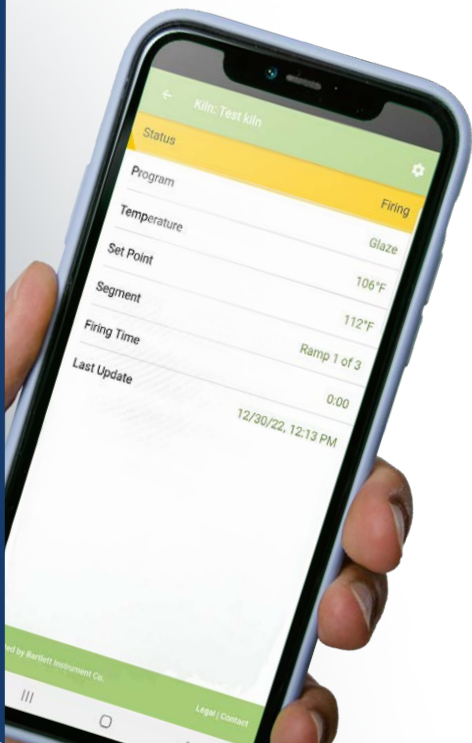
Fires After Years of Use

Thanks to L&L's unique features and controls, many customers can still depend on their L&L kilns that are 25+ years old.

Genesis Touch Screen Control with Kiln Aid app

NOW INCLUDED ON ALL L&L KILNS





TOUCH SCREEN INCLUDED ON ALL MODELS

Simply download the Bartlett Kiln Aid app from your Google Play or Apple App Store, add your kiln, and begin monitoring your kiln from anywhere!



PROTECTED THERMOCOUPLES

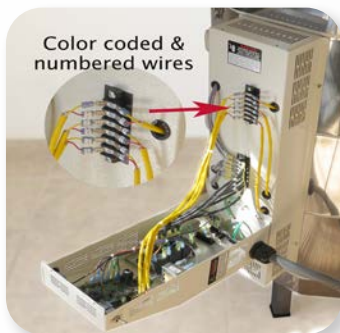
L&L thermocouples are shielded from damage by an open ceramic protection tube. We use the finest "special limit" aerospace-grade heavy-gauge thermocouple wire.

(hotkilns.com/tc-protection)

SAFETY STANDARDS

Most L&L kilns are c-MET-us listed to UL499 standards. See each kiln series for details.

(hotkilns.com/ul499)



PIGGY-BACKED COOL-FIRE CONTROL PANEL

All controls and components are in a separate angled control panel that is piggy-backed on top of the element connection box. Both boxes hinge open and remove easily. The separate control panel and layer of insulation inside keep the controls and relays cool. Power wires are oversized to run cool. On/Off switch and control fuse included.

SEE ALL FEATURES



(hotkilns.com/pottery-kiln-and-ceramics-top-features)



CERAMIC ELEMENT TERMINALS

Ceramic element terminals make element changes easy. No crimping or cutting power wires.

(hotkilns.com/ceramic-terminal)

THREE-YEAR LIMITED WARRANTY

See hotkilns.com/warranty

Free email, web, and phone support.

THE ULTIMATE KILN CONTROL

Genesis Touch Screen Control Now Included

The Genesis control includes a touchscreen interface and WIFI connectivity. The intuitive design is easy to use and understand. A free phone app allows you to monitor your kiln remotely.



- Intuitive touch-screen technology
- Easy-to-follow screen descriptions
- Different user-interface levels match user's firing knowledge
- Graph the firing in real time, right on the controller, and compare the program with actual results.
- Glass programs included
- Store up to 30 custom user programs
- Up to 32 segments per program
- Ability to make adjustments during a firing such as add segments, add temperature, and skip segments
- Built in diagnostics testing
- Alarm
- Error codes
- Wi-Fi enabled for easy software updating.
- Included phone app allows you to monitor kiln operation remotely (with no subscription fee)



SOLID, STRAIGHT-VIEW PEEPHOLE PLUGS

Solid straight ceramic peephole plugs are strong and will not slip out like tapered, fragile, slip-cast plugs.

(hotkilns.com/peephole-plugs)



"EASY-OPEN, EASY-LOAD" LID

The whole kiln supports the lid (not just one section). Our positive safety pin secures the lid. No support bars (like other kilns) get in the way of loading.

(hotkilns.com/spring-hinge)



INSTRUCTIONS AND SUPPORT

Complete visual instructions with control reference, process information, assembly, troubleshooting, and parts list. Web videos show how to use the control.

(hotkilns.com/videos)

MAINTAINABILITY

L&L kilns are easy to troubleshoot.

Open up any L&L kiln control panel and see how easy it is to check amps, element resistance, and voltage. No other kiln can be serviced as quickly, easily, or inexpensively as an L&L kiln.

Sectional construction makes repair work easy.

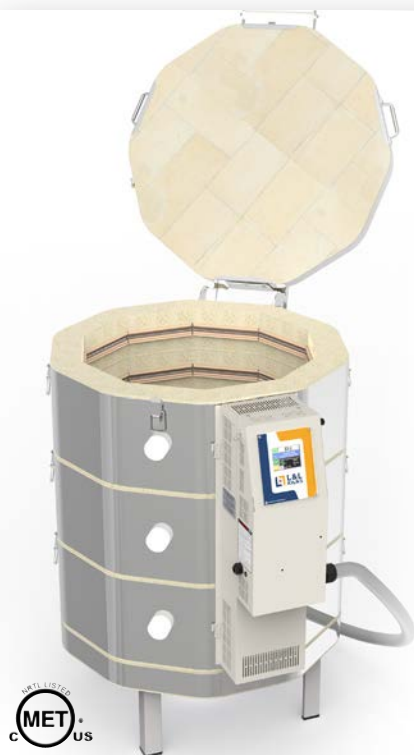
All top-loading L&L kilns are sectional. Even the large 35 cubic foot standard DaVinci kiln is easy to move, set up, and repair.

FULL-SUPPORT STANDS

On all polygonal kilns we use a full-support heavy-gauge aluminized steel stand. They are stronger than hollow frame stands and provide critical support in the center of the kiln base.

(hotkilns.com/full-stand)





EASY-FIRE KILNS

Pottery Kilns



- **Genesis Touch Screen Control** • with Kiln Aid app
- **Dynamic Zone Control** • for even firing
- **Hard Ceramic Element Channels** • protect your elements and kiln
- **Cone 10** (2350°F • 1290°C) • most models
- **Type K Thermocouples (2-3)** • with protection tubes
- **3"** • K23 Brick
- **Top Loading** • spring assisted lid (23" & 28" models)
- **Solid, Straight View Peephole Plugs**
- **Full-Support Stand** • rolling option available
- **Easy-Access Control Panel** • with Easy-View tilted display
- **Three-Year Limited Warranty**
- **c-MET-us listed to UL499 Standards**

This is the classic L&L pottery kiln used by most of our customers. They include all the signature L&L features.



FURNITURE KIT
See page 26



VENT SURE



ROLLING STAND

Type S Platinum Thermocouples
(T-G-SJUP/UG) **\$340 each**

Pyrocl metallic Thermocouples
(T-G-E23M/UG) **\$58 each**

Vent-Sure (120 volts)
(M-V-VENT/00) **\$725**

Vent Doubler
(M-V-VENT/DB) **\$220**

Vent Control
(M-V-CNTL/00) **\$190**

Rolling Stand for
7 Sided Kiln (A-J-14RL/00) **\$325**
8 Sided Kiln (A-J-18RL/00)
10 Sided Kiln ((A-J-23RL/00)
12 Sided Kiln (A-J-29RL/00)

Model No.	Kiln Price	Furn Kit	Quad Elem	No. Shelves F=full, H=half	Inside Diam	Inside Height	Cubic Feet	Exterior Dim (in)	240/1 KW~Amp~Fuse	240/3 KW~Amp~Fuse	208/1 KW~Amp~Fuse	208/3 KW~Amp~Fuse	Lbs Kiln	Lbs w/Kit
e14S-3	\$2500	\$240	S/O	12" (3F)	13.5"	18"	1.5	23W x 51H x 27D	3.8~16~20	no 3 phase	3.8~18.5~25	no 3 phase	150	175
e18S-3	\$2875	\$360	S/O	15" (1F, 4H)	16.5"	18"	2.5	28W x 55H x 30D	5.7~23.9~30	5.7~20.7~30	5.0~23.9~30	5.0~20.8~30	235	285
e18M-3	\$3125	\$360	S/O	15" (1F, 4H)	16.5"	22.5"	3.2	28W x 60H x 30D	8.0~33.3~50	8.0~23.1~30	8.0~38.5~50	8.0~26.6~40	260	310
e18T-3	\$3800	\$515	S/O	15" (2F, 4H)	16.5"	27"	3.7	28W x 63H x 30D	8.4~35.0~50	8.4~20.2~30	8.4~40.4~60	8.4~23.3~30	280	340
e23S-3	\$3975	\$540	\$335	20" (6H)	22.5"	18"	4.4	30W x 59H x 40D	9.5~39.4~50	9.5~34.1~50	8.3~40.0~50	8.3~34.6~50	320	395
e23M-3	\$4475	\$540	\$410	20" (6H)	22.5"	22.5"	5.5	30W x 63H x 40D	11.5~48.0~60	11.5~33.3~50	10.0~48.0~60	11.5~38.4~50	350	425
e23T-3	\$4800	\$650	\$490	20" (8H)	22.5"	27"	6.7	30W x 68H x 40D	11.5~48.0~60	11.5~27.7~40	10.0~48.0~60	11.0~30.5~40	380	470
e28S-3	\$4750	\$725	\$440	25-1/2" (6H)	28"	18"	6.8	35W x 65H x 46D	11.5~47.9~60	11.5~41.5~60	10.0~48.0~60	10.0~41.6~60	410	520
e28M-3	\$5100	\$725	\$550	25-1/2" (6H)	28"	22.5"	8.5	35W x 69H x 46D	11.5~48.0~60	16.6~40.0~50	10.0~48.0~60	14.3~39.8~50	445	555
e28T-3	\$5575	\$875	\$650	25-1/2" (8H)	28"	27"	10.2	35W x 74H x 46D	11.5~48.0~60	16.6~40.0~50	10.0~48.0~60	14.3~39.8~50	475	610

S/O means Special Order: Contact factory for availability, price and lead time.

Cone Rating: All models are rated to Cone 10 except the single phase e28T-3 (rated to Cone 8 at 240V/1 Phase, Cone 5 at 208V/1 Phase, but Cone 10 for any 3 phase kiln) and the e28M-3 (rated at Cone 8 for 208V/1 phase). If planning continuous Cone 6 firings, or above, we recommend the eQuad-Pro eQ2827-3 or the Jupiter JD2927-3 (both have more KW than the e28T-3 in their single phase versions).

Power Hookup: (USA only) 6-50P plug on single phase and 15-50P plug on three phase except for the e14S-3 which has a 6-20P Plug for 240 volt models or a 14-30P Plug for 208 volt models.

UL 499 Listing: c-MET-us listed to UL499 standards. **CE Listing:** CE Listed models are available.

More: See Easy-Fire Spec Sheets and Dimension Drawings on each kiln page on our website for more details.



SCHOOL-MASTER Made For K-12 Schools



- **Genesis Mini Touch Screen Control** • with Kiln Aid app
- **Multi-Voltage** • **Single Zone** • **graded elements**
- **Hard Ceramic Element Channels** • protect your elements and kiln
- **Designed for Low Fire (Cone 1)** • **Max Cone 6 (2232°F • 1222°C)**
- **Type K Thermocouple (1)** • with protection tube
- **3" • K23 Brick**
- **Top Loading** • Spring assisted lid
- **Solid, Straight-View Peephole Plugs**
- **Full-Support Stand** • rolling option available
- **Easy-Access Control Panel** • with Easy-View tilted display
- **Five-Year Limited Warranty**
- **c-MET-us listed to UL499 Standards**

One size, simple voltage choice, simple control, and a five-year warranty make School-Master kilns ideal for most K-12 programs.

SCHOOL-MASTER KILNS



FURNITURE KIT
See page 26



VENT SURE



ROLLING STAND



GENESIS MINI
Touch Screen Control

Vent-Sure (120 volts)
(M-V-VENT/00)

\$725

Vent Doubler
(M-V-VENT/DB)

\$220

Rolling Stand for 10 Sided Kiln
(A-J-23RL/00)

\$325

3-Phase Conversion Kit
(L-G-3PHS/SM)

\$75

Multi-Voltage: No need to worry about what voltage you have. The School-Master is designed to operate at any voltage from 208 volts to 240 volts (including 220). It is wired for single phase but a kit makes it easy to quickly convert to three phase.

School-Master kilns include all of the easy-maintenance and durability features of the Easy-Fire kilns. For simplicity, School-Master kilns feature the intuitive Genesis Mini touch screen. Temperature, heating and cooling rate, delay time and soak time can all be easily modified. In addition, for more advanced users, there are many custom programs. The control is single zone and the kilns have graded elements. The School-Master kilns are limited to Cone 6 operation, but recommended for low-fire use up to Cone 1.

Model No.	Kiln Price	Furn Kit	No. of Shelves All Half Shelves	Inside Diam	Inside Height	Cubic Feet	Exterior Dimensions	240/1 KW-Amp-Fuse	240/3 KW-Amp-Fuse	208/1 KW-Amp-Fuse	208/3 KW-Amp-Fuse	Lbs Kiln	Lbs w/Kit
SM23T-3-A	\$4800	\$650	20" (8H)	22.5"	27"	6.7	30W x 68H x 40D	11.5~48.0~60	11.5~27.8~40	9.0~43.2~60	9.0~27.9~40	380	470

Cone Rating: All models rated for Cone 6 maximum, but low-fire (Cone 1) recommended.

Power Hookup: (USA only) 6-50 plug with 6 foot cord on single phase (15-50 plug for the three phase cord which is part of the three phase Conversion Kit).

UL 499 Listing: c-MET-us listed to UL499 standards.

More: See School-Master Spec Sheet and Dimension Drawing on the kiln page on our website for more details.

EQUAD-PRO KILNS

Super-Duty High Production Kilns



- **Genesis Touch Screen Control** • with Kiln Aid app
- **Dynamic Zone Control** • for even firing
- **Hard Ceramic Element Channels** • protect your elements and kiln
- **Cone 10 (2350°F • 1290°C)** • with extra power
- **Type K Thermocouples (3)** • with protection tubes
- **3" • K23 Brick**
- **Top Loading** • spring assisted lid
- **Solid, Straight View Peephole Plugs**
- **Full-Support Stand** • rolling option available
- **Easy-Access Control Panel** • branch fusing included
- **Three-Year Limited Warranty**
- **c-MET-us listed to UL499 Standards**
- **Quad Element System Comes Standard**

25% Extra power and Quad element system make eQuad-Pro kilns ideal for Production Potters.



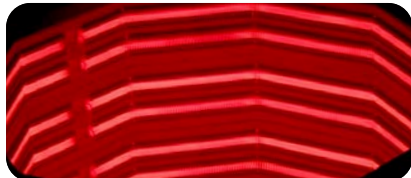
FURNITURE KIT
See page 26



VENT SURE



ROLLING STAND



QUAD ELEMENT SYSTEM INCLUDED

Shown is the inside of an eQuad-Pro while firing. Notice how the element channels glow and disperse the radiant heat. The large diameter elements (both of the wire gauge and outside diameter of the element coil), coupled with the unique glowing feature of the hard dense ceramic element channels make these elements last for a very long time. (hotkilns.com/quad-elements)

Optional APM Elements: See hotkilns.com/apm for pricing.

Voltage: Order 240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. 480 volts is not available. No charge for any voltage options.

Vent-Sure (120 volts) (M-V-VENT/00)	\$725
Vent Doubler (M-V-VENT/DB)	\$220
Vent Control (M-V-CNTL/00)	\$190

SSR Power Control for eQ2327-3 & eQ2827-3 **\$1950**

SSR Power Control for eQ2836-3 **\$2350**

High Limit Back Up Control (N-G-PKHL/00) **\$875**

Back up Contactors Three-Section Kilns (N-G-BCJ3/00) **\$305**

Back up Contactors Four-Section Kilns (N-G-BCJ4/00) **\$390**

Type S Platinum Thermocouples (T-G-SJUP/UG) **\$340 each**

Pyrocil metallic Thermocouples (T-G-E23M/UG) **\$58 each**

Model No.	Kiln Price	Furn Kit	No. of Shelves All Half Shelves	Inside Diam	Inside Height	Cubic Feet	Exterior Dimensions	240/1 KW-Amp-Fuse	240/3 KW-Amp-Fuse	208/1 KW-Amp-Fuse	208/3 KW-Amp-Fuse	Lbs Kiln	Lbs w/Kit
eQ2327-3	\$5875	\$650	20" (8H)	22.5"	27"	6.7	30W x 69H x 40D	13.4~56.0~70	13.4~32.4~50	11.7~56.0~70	11.7~32.4~50	395	485
eQ2827-3	\$6450	\$875	25.5" (8H)	28"	27"	10.2	35W x 74H x 49D	15.0~62.3~80	15.0~36.0~50	15.0~71.9~90	15.0~41.5~60	515	650
eQ2836-3	\$7550	\$1050	25.5" (10H)	28"	36"	13.6	35W x 83H x 49D	19.0~79.2~100	19.0~51.5~70	19.0~91.3~125*	19.0~60.4~80	605	770

*Note: Special model eQ2836-X-208-1P is available with 16.6 KW, 208 Volt/1 Phase, 80 amps for a 100 amp fuse.

Cone Rating: All models rated for Cone 10 on a production basis due to extra power and Quad elements.

More: See eQuad Spec Sheets and Dimension Drawings on each kiln page on our website for more details. **Power Hookup:** All models are direct wired with no cords.

UL 499 Listing: c-MET-us listed to UL499 standards.

JH SERIES

Crystalline Glaze Kilns



- **Genesis Touch Screen Control** • with Kiln Aid app
- **Dynamic Zone Control** • for even firing
- **Hard Ceramic Element Channels** • protect your elements and kiln
- **Cone 12** (2400°F • 1315°C)
- **Type S Thermocouples (2-3)** • with protection tubes
- **2.5" Sides/Bottom, 3" Top** • K25 Brick (super high-temp)
- **Top Loading** • spring assisted lid (23" & 28" models)
- **Solid, Straight View Peephole Plugs**
- **Full-Support Stand** • rolling option available
- **Plug-in or Easy Access Control Panel**
- **Three-Year Limited Warranty**
- **Not Listed to UL499 Standards**
- **Quad Element System Comes Standard**

JH kilns are designed specifically for high-temperature crystalline glaze firing. Extra power, Quad element design, Type S thermocouples, and balanced super high-temperature brick for fast heat-up and fast cool-down make these kilns unique.



FURNITURE KIT
See page 26



VENT SURE



ROLLING STAND

JH SERIES KILNS

SSR Power Control for
2 Circuit Models

\$1475

SSR Power Control for
3 Circuit Models

\$1950

High Limit Back Up Control
(N-G-PKHL/00)

\$875

Back up Contactors Three-Section Kilns
(N-G-BCJ3/00)

\$305

Back up Contactors Two-Section Kilns
(N-G-BCJ2/00)

\$230

APM Elements

Prices below

A SPECIAL KILN DESIGNED FOR CRYSTALLINE GLAZE FIRING

The JH kilns feature special higher temperature 2.5" K25 firebrick for extra high cone 12 firing (and faster cool-down), extra power for fast heat up, "Quad" element configuration for extra element area, super heavy-duty thick elements to hold up to the special rigors of crystalline firing, minimal insulation to allow for fast cool down, and type S thermocouples for long life. Custom variations on the basic design such as more insulation, APM elements, more power and special sizes are available by special quote.

Note that the JD2927-JH uses a floor standing large DaVinci control panel.

QUAD ELEMENT SYSTEM INCLUDED

See page 10.

(hotkilns.com/quad-elements)

Model No.	Kiln Price	APM Elements	Furn Kit	No. of Shelves F=full, H=half	Inside Diam	Inside Height	Cubic Feet	240/1 KW~Amp~Fuse	240/3 KW~Amp~Fuse	208/1 KW~Amp~Fuse	208/3 KW~Amp~Fuse	Lbs Kiln	Lbs w/Kit
JD18-JH	\$4350	\$775	\$360	15" (1F, 4H)	17.5"	18"	2.6	8.8~36.7~60	8.8~31.7~50	8.8~42.3~60	8.8~36.8~50	255	305
e23S-JH	\$5250	\$850	\$540	20" full (6H)	23.5"	18"	4.7	10.5~47.9~60	10.5~41.5~50	10.0~48.0~60	10.0~41.6~50	335	415
JD230-JH	\$8075	\$1225	\$650	20" full (8H)	23.5"	27"	7.0	13.7~57.0~80	13.7~32.9~50	12.5~60.0~80	12.5~34.7~50	410	510
JD2927-JH	\$10200	\$1375	\$875	25.5" (8H)	29"	27"	10.3	18.0~75.2~100	18.0~43.5~60	18.0~86.7~125	18.0~50.1~70	510	645

Cone Rating: All models rated for Cone 12 on a production basis due to extra power, Quad elements, and high-temp brick.

More: See JH Series Spec Sheets and Dimension Drawings on each kiln page on our website for more details. **Power Hookup:** Plugs vary with model, voltage and phase. See Spec sheet.

UL 499 Listings: JH Series kilns are not listed to UL499 standards. They may be unsuitable for commercial spaces where Nationally Recognized Listing is required.



DOLL / TEST Craft / Test Kilns



- **Genesis Touch Screen Control** • with Kiln Aid app
- **Hard Ceramic Element Channels** • protect your elements and kiln
- **Cone 5 to Cone 10** • depends on voltage and amps
- **Type K Thermocouple (1)** • with protection tube
- **2.5" Sides, 3" Lid/Bottom** • K23 Brick
- **Top Loading**
- **Solid, Straight-View Peephole Plug**
- **Full-Support Stand**
- **Easy-Access Control Panel** • with Easy-View tilted display
- **Three-Year Limited Warranty**
- **c-MET-us listed to UL499 Standards**

Small test and craft kilns that can run on 120 volts or low-amperage 208-240-volt circuits. These are great for beginning potters or for testing glazes.



FURNITURE KIT
See page 26



GENESIS MINI
Touch Screen Control

FEATURES & BENEFITS

The DL Series is a small test kiln available in 120, 208 or 240 volts. Genesis Mini Touch Screen Control is included. It has the full range of premium L&L features such as hard ceramic element channels, Type-K 8-Gauge thermocouple with ceramic protection tube, full support aluminized steel stand, solid, Straight-View peephole plugs and three-year limited warranty.

OPTIONS

Furniture Kit: Includes two 9" diameter full shelves plus Doll Square Ceramic Post Kit (Four each 1/2", 1", 2", 4" square posts).

APM Elements: See hotkilns.com/apm

SPECIFICATIONS

Temperature: (See below)

Cubic Feet:	0.5 cu FT
Inside Dimensions:	11" W x 9" H
Outside Dimensions:	24" W x 21" D x 40" H

See hotkilns.com/spec-doll for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes.

NOTE: The 120 volt versions should not be used for high production to their maximum temperature range - the element life will not be acceptable under those conditions. 208 volt and 240 volt versions are rated to Cone 10 for high production.

Model No.	Kiln Price	Furn Kit	Cone Rating	Watts	Amps	Volts	Fuse	Plug	Lbs Kiln	Lbs w/Kit
DL11-D	\$1875	\$180	5	1800	15	120	20	5-15	145	170
DLH11-D	\$1875	\$180	6	2160	18	120	25	5-20	145	170
DLH11-DX-240	\$1875	\$180	10	2800	11.7	240	15	14-30	145	170
DLH11-DX-208	\$1875	\$180	10	2800	13.5	208	20	14-30	145	170

Cone Rating: Models rated Cone 5 to Cone 10.

Listings: cMET-us listed to UL499.

WHAT L&L CUSTOMERS SAY



Karrita Renzelmann

QueenBeePottery.com / ClayStamps.etsy.com

"After researching and comparing many manufacturers to find the best kiln for my studio needs, I'm happy to share that my new L&L Kiln has exceeded all of my expectations!"



Lyndsay Meiklem Dean

TheVeganPotter.com

"I've been a potter for over 20 years and L&L Kilns have served me well for all those years!"



Masa Sasaki

MasaSasakiCeramics.com

"Close to 400 firings and the kiln has been exceptionally reliable. With the special element channels, replacing elements are as easy as changing a light bulb. I highly recommend this kiln for any working ceramic artist."



JUPITER KILNS

Modular & Highly Customizable



- **Genesis Touch Screen Control** • with Kiln Aid app
- **Dynamic Zone Control** • for even firing
- **Hard Ceramic Element Channels** • protect your elements and kiln
- **Cone 10** (2350°F • 1290°C) (most models)
- **Type K Thermocouples (2-3)** • with protection tubes
- **3" • K23 Brick**
- **Top Loading** • spring assisted lid (23" & 28" models)
- **Solid, Straight-View Peephole Plugs**
- **Full-Support Stand** • rolling option available
- **Plug-in Control Panel** • 480V optional
- **Three-Year Limited Warranty**
- **c-MET-us listed to UL499 Standards**

The unique plug-in control panel and extreme sectional construction make Jupiter kilns ideal for sculptors and ceramic artists who need flexibility.



FURNITURE KIT
See page 26



VENT SURE



ROLLING STAND

SSR Power Control for 2 Circuit Models	\$1475
SSR Power Control for 3 Circuit Models	\$1950
SSR Power Control for 4 Circuit Models	\$2350
SSR Power Control for 5 Circuit Models	\$2775
SSR Power Control for 6 Circuit Models	\$3150
Type S Platinum Thermocouples (T-G-SJUP/UG)	\$340 each
Pyrocil metallic Thermocouples (T-G-E23M/UG)	\$58 each
High Limit Back Up Control (N-G-PKHL/00)	\$875
Back up Contactors Two-Section Kilns (N-G-BCJ2/00)	\$230

Back up Contactors Three-Section Kilns (N-G-BCJ3/00)	\$305
Back up Contactors Four-Section Kilns (N-G-BCJ4/00)	\$390
Back up Contactors Five-Section Kilns (N-G-BCJ5/00)	\$465
480 volts/3 phase (available only on JD2900 Series)	\$1050
NEMA 1 Panel (recommended for 480 volts)	\$1050
Vent-Sure (120 volts) (M-V-VENT/00)	\$725
Vent Doubler (M-V-VENT/DB)	\$220
Vent Control (M-V-CNTL/00)	\$190
Rolling Stand for 8 Sided Kiln (A-J-18RL/00) 10 Sided Kiln ((A-J-23RL/00) 12 Sided Kiln (A-J-29RL/00)	\$325

PULL-APART OPTION

Designed For Sculpture



- Any Jupiter or DaVinci kiln can be made with the Pull-Apart Option
- Includes floor mount stand for control panel, lift off lid with extra handles but no hinge
- This option allows the entire kiln to be dismantled to make it easy to load large sculptural pieces. The kiln sections are unplugged and then taken off one at a time
- There is no charge for this option. However, If you want the “Easy-Open, Easy-Load” spring hinge with your pull-apart option on the Jupiter Series there is a \$500 extra charge (S-G-HNGE/OP)

More at: hotkilns.com/pull-apart-kilns



SEPARATE PLUG-IN CONTROL PANEL

The Jupiter control panel is separate from the kiln. Keeps controls and relays cool. All sections plug into it. Hinged and removable for easy maintenance.

VOLTAGE

208 or 240 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. No charge except for 480 volts.

Model No.	Kiln Price	Furn Kit	Quad Elem	No. of Shelves F=full, H=half	Inside Diam	Inside Height	Cubic Feet	Cone Rating	240/1 KW~Amp~Fuse	240/3 KW~Amp~Fuse	208/1 KW~Amp~Fuse	208/3 KW~Amp~Fuse	Lbs Kiln	Lbs w/Kit
JD18-3	\$2950	\$360	S/O	15" (1F, 4H)	16.5"	18"	2.5	10	5.5~23.0~30	5.5~19.9~30	5.5~26.5~30	5.5~23.0~30	230	280
JD18X-3	\$4125	\$515	S/O	15" (2F, 4H)	16.5"	27"	3.7	10	8.3~34.5~50	8.3~19.9~30	8.3~39.8~50	8.3~23.0~30	270	320
JD23V-3	\$3950	\$540	\$340	20" (6H)	22.5"	18"	4.5	5	7.0~29.3~40	7.0~25.4~40	6.1~29.3~40	6.1~25.4~40	315	340
JD230V-3	\$4900	\$650	\$500	20" (8H)	22.5"	27"	6.7	10	10.6~44.0~60	10.6~25.4~40	9.1~44.0~60	9.1~25.4~40	385	470
JD236V-3	\$6025	\$750	\$650	20" (10H)	22.5"	36"	8.9	10	14.1~58.6~80	14.1~38.1~50	12.2~58.6~80	12.2~38.1~50	460	545
JD245V-3	\$7100	\$850	\$825	20" (12H)	22.5"	45"	11.1	10	17.6~73.3~100	17.6~50.8~70	15.2~73.3~100	15.2~50.8~70	540	650
JD2918-3	\$5475	\$725	\$420	25.5" (6H)	28"	18"	6.8	5	9.1~38.0~50	9.1~32.9~50	8.3~40.0~50	8.3~34.6~50	380	480
JD2927-3	\$6825	\$875	\$625	25.5" (8H)	28"	27"	10.2	10	13.7~57.0~80	13.7~32.9~50	12.5~60.0~80	12.5~34.6~50	450	575
JD2936-3	\$8850	\$1050	\$850	25.5" (10H)	28"	36"	13.6	10	18.2~76.0~100	18.2~49.3~70	16.6~80.0~100	16.6~52.0~70	565	715
JD2945-3	\$10475	\$1200	\$1050	25.5" (12H)	28"	45"	17.0	10	22.8~95.0~125	22.8~65.8~90	20.8~100.0~125	20.8~69.3~90	645	820

Note About EZ Models: All the JD2300 series are available with higher watts "EZ" elements (the same elements used in the e23T kilns) at no extra charge. See web and specification sheet for details.

Cone Rating: See above chart. More: See Jupiter Spec Sheets and General Dimensions on each kiln page on our website for more details.

Power Hookup: Plugs (6-50 for single phase and 15-50 for three phase) are included on kilns that have less than 48 amps, otherwise direct wired. All non-USA models are direct wired.

Listings: cMET-us listed to UL499.



DAVINCI KILNS

Square & Rectangular Top-Loading Kilns



- **Genesis Touch Screen Control** • with Kiln Aid app
- **Dynamic Zone Control** • for even firing
- **Hard Ceramic Element Channels** • protect your elements and kiln
- **Cone 10 (2350°F • 1290°C)** • extra power optional
- **Type K Thermocouples (2-3)** • with protection tubes
- **3" • K23 Brick**
- **Top Loading** • spring assisted lid
- **Solid, Straight-View Peephole Plugs**
- **Full-Support Stand**
- **Industrial Plug-in Control Panel** • floor standing, 480v optional
- **Three-Year Limited Warranty**
- **c-MET-us listed to UL499 Standards**

Large volume square and rectangular kilns with adjustable height. DaVinci kilns are great for production and tiles. Includes arched sides for strength and counterbalanced lid.

SSR Power Control for 2 Circuit Models	\$1475
SSR Power Control for 3 Circuit Models	\$1950
SSR Power Control for 4 Circuit Models	\$2350
SSR Power Control for 5 Circuit Models	\$2775
SSR Power Control for 6 Circuit Models	\$3150
Type S Platinum Thermocouples (T-G-SJUP/UG)	\$340 each
Pyroclil metallic Thermocouples (T-G-E23M/UG)	\$58 each
High Limit Back Up Control (N-G-PKHL/00)	\$875
Back up Contactors Two-Section Kilns (N-G-BCX2/00)	\$525
Back up Contactors Three-Section Kilns (N-G-BCX3/00)	\$625
Back up Contactors Four-Section Kilns (N-G-BCX4/00)	\$725
Back up Contactors Five-Section Kilns (N-G-BCX5/00)	\$875

VOLTAGE & POWER OPTIONS

XB and TB elements, which have a higher KW rating, are available on the 27", 36" and 45" high DaVinci kilns.

High Power Option **NO CHARGE**

240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. No Charge except for 480 volts. See page 24 for 480 volt description.

480 volts/3 phase **\$1050**

NEMA 1 Panel
(recommended for 480 volts) **\$1050**

Vent-Sure (120 volts)
(M-V-VENT/00) **\$725**

Vent Doubler
(M-V-VENT/DB) **\$220**

Vent Control
(M-V-CNTL/00) **\$190**

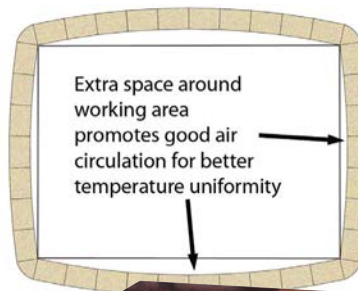
CRATING OPTIONS

See hotkilns.com/kiln-accessories/packing-options-davinci-kilns

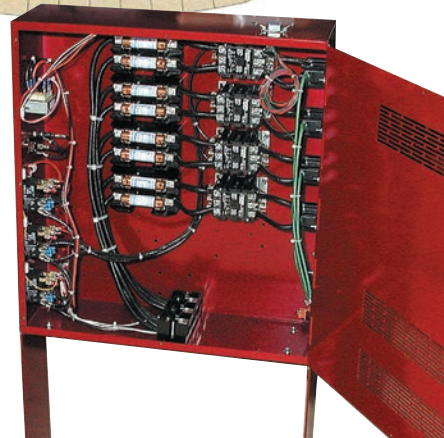


SPRING-HINGED COUNTERBALANCED TOP

Safety latch prevents lid from closing while loading. Design allows extra sections to be added and adjusted.



Extra space around working area promotes good air circulation for better temperature uniformity



FURNITURE KIT
See page 26



Model No.	Kiln Price	Power Botm	High Power	Furn Kit	Quad Elem	Shelves in Furn Kit	Post Kits	Inside W x D	Inside Height	Cubic Feet	External Dimensions	Stand KW	High KW	240/1 Fuse	240/3 Fuse	208/1 Fuse	208/3 Fuse	Lbs Kiln	Lbs w/Kit
XB2818-D	\$8,125	N/A	N/A	\$625	\$510	(4) 23" x 11.5"	(1)	26.5" Square	18"	7.3	59W x 74H x 46D	11.6	N/A	60	60	70	60	800	915
X2827-D	\$9,775	N/A	N/C	\$800	\$750	(6) 23" x 11.5"	(1)	26.5" Square	27"	11.0	59W x 84H x 46D	14.9	17.4	80	50	90	60	825	930
X2836-D	\$11,175	N/A	N/C	\$1250	\$1025	(8) 23" x 11.5"	(2)	26.5" Square	36"	14.6	59W x 93H x 46D	19.9	23.2	100	70	125	80	910	1045
X2845-D	\$12,300	N/A	N/C	\$1450	\$1250	(10) 23" x 11.5"	(2)	26.5" Square	45"	18.3	59W x 102H x 46D	24.9	29.0	125	90	150	100	1045	1205
XB3218-D	\$9,325	\$1275	N/A	\$775	\$525	(4) 28" x 14"	(1)	30.5" Square	18"	9.7	63W x 74H x 51D	14.2	N/A	80	70	90	80	800	915
X3227-D	\$10,900	\$1275	N/C	\$1000	\$800	(6) 28" x 14"	(1)	30.5" Square	27"	14.5	63W x 84H x 51D	18.0	21.3	100	60	125	70	1020	1170
X3236-D	\$12,625	\$1275	N/C	\$1475	\$1075	(8) 28" x 14"	(2)	30.5" Square	36"	19.4	63W x 93H x 51D	24.4	28.4	125	80	150	100	1120	1310
X3245-D	\$13,975	\$1275	N/C	\$1700	\$1350	(10) 28" x 14"	(2)	30.5" Square	45"	24.2	63W x 102H x 51D	30.5	35.5	175	125	200	125	1265	1495
TB2318-D	\$9,200	\$1525	N/A	\$775	\$575	(6) 22" x 11"	(1)	26.5" x 34.75"	18"	9.6	68W x 72H x 47D	15.3	N/A	80	70	100	80	905	1005
T2327-D	\$10,725	\$1525	N/C	\$1050	\$850	(9) 22" x 11"	(1)	26.5" x 34.75"	27"	14.4	68W x 84H x 47D	19.5	23.0	100	60	125	70	1035	1170
T2336-D	\$12,350	\$1525	N/C	\$1550	\$1125	(12) 22" x 11"	(2)	26.5" x 34.75"	36"	19.2	68W x 93H x 47D	26.0	30.7	125	90	150	100	1135	1315
T2345-D	\$13,700	\$1525	N/C	\$1825	\$1425	(15) 22" x 11"	(2)	26.5" x 34.75"	45"	24.0	68W x 102H x 47D	32.5	38.4	175	125	200	125	1285	1500
TB3418-D	\$9,700	\$1725	N/A	\$1200	\$650	(6) 28" x 14"	(2)	30.5" x 43.5"	18"	13.8	76W x 72H x 53D	19.9	N/A	100	90	125	100	1065	1215
T3427-D	\$11,625	\$1725	N/C	\$1600	\$1000	(9) 28" x 14"	(2)	30.5" x 43.5"	27"	20.7	76W x 84H x 53D	24.9	36.5	125	80	150	90	1215	1420
T3436-D	\$13,650	\$1725	N/C	\$1925	\$1350	(12) 28" x 14"	(2)	30.5" x 43.5"	36"	27.6	76W x 93H x 53D	33.3	39.9	175	125	200	125	1340	1615
T3445-D	\$16,050	\$1725	N/C	\$2675	\$1650	(15) 28" x 14"	(3)	30.5" x 43.5"	45"	34.6	76W x 102H x 53D	41.6	49.8	200	150	225	175	1505	1840

(N/A = Not available, N/C = No Charge)

Cone Rating: All models rated for Cone 10.

Power Hookup: Direct wired - no plugs.

More: See DaVinci Spec Sheets and Dimension Drawings on each kiln page on our website for more details.

Shipping: Protected with foam-in-place packaging for shipment by Common Carrier. Depending on the model there are either two or three crates. Some smaller models can ship in skidded cartons. Ships from factory direct to customer.

Listings: cMET-us listed to UL499.



EFL SERIES KILNS

Studio Front-Loading Kilns

- **Genesis Touch Screen Control** • with Kiln Aid app
- **Dynamic Zone Control** • for even firing
- **Hard Ceramic Element Channels** • protect your elements and kiln
- **Cone 10** (2350°F • 1290°C)
- **Type K Thermocouples (3)** • with protection tubes
- **3" • K23 Brick**
- **Front Loading**
- **Solid, Straight-View Peephole Plug**
- **Engineered Stand for Difficult Installations** • optional casters
- **Easy-Access Control Panel**
- **Three-Year Limited Warranty**
- **c-MET-us listed to UL499 Standards**

EFL Series Front-Loading kilns for studios and schools. Include arched sides and top for strength, heat-balanced insulation for even firing, adjustable door with plug seal, and door switch.



FURNITURE KIT
See page 26



CONSTRUCTION

Door: Horizontal swing door. Heavy-gauge metal case with easily changed brick section. Hinge is adjustable in two planes. Includes extra insulation, and easy-to-use toggle clamps.

Stand: Stand is included.

Safety Floor Mounts: Large metal brackets help stabilize kiln.

Construction: Stainless steel wrapped around brick clamped with adjustable screw clamps. Sides and top are arched for super-strength.

Assembly: Although these kilns are much lighter than an Easy-Load kiln they still take effort to remove from the pallet and assemble. The design allows for easier residential delivery. Please see the details: (hotkilns.com/eFL-shipping-checklist). All models fit through a 31" wide by 75" high door (before re-assembly).

Insulation: 3" K23 firebrick. Extra 1" of microporus super backup insulation on door to balance heat distribution. K25 on back.

Door Element Safety Switch: Limit switch turns power off to elements when the door is open. Included as standard equipment.

Peephole Plug: Solid, Straight-View ceramic plug with heat-locked head. Located in door center.

ELEMENT SYSTEM

Element Channel: Unique Hard Ceramic Element Channels protect brick and elements from wear and loading damage.

Element Design: Quad heavy-duty elements on sides and back. Low watt-density for long life (hotkilns.com/quad-elements).

Element Connections: Proprietary all-ceramic element connection blocks make changing elements easy.

VOLTAGE & POWER OPTIONS

Order 240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. 480 volts is not available. No Charge for any voltage options.

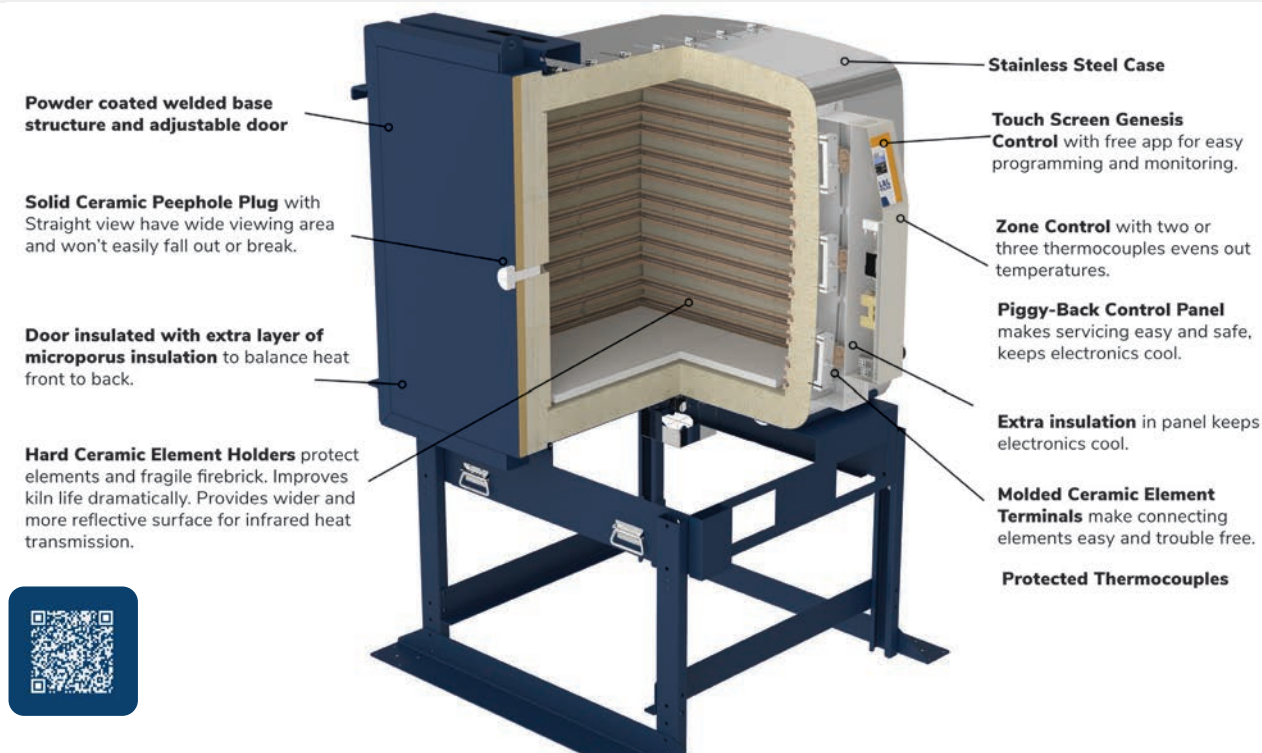
CRATING OPTIONS

Engineered Pallet.
High Lift Pallet Jack required to unload.
(G-G-PACK/EF)

NO CHARGE

ISPM-15 for export.
Plywood crate for eFL Series Front-Loading Kilns
(Requires forklift to unload)
(G-G-ISPM/EF)

\$420



**SSR Power Control for
3 Circuit Models** **\$1950**

**SSR Power Control for
4 Circuit Models** **\$2350**

**High Limit Back Up Control
(N-G-PKHL/00)** **\$875**

**Back up Contactors Two-Section Kilns
(N-G-BCJ2/00)** **\$230**

**Back up Contactors Three-Section Kilns
(N-G-BCJ3/00)** **\$305**

**Back up Contactors Four-Section Kilns
(N-G-BCJ4/00)** **\$390**

**Vent-Sure (120 volts)
(M-V-VENT/00)** **\$725**

**Vent Doubler
(M-V-VENT/DB)** **\$220**

**Vent Control
(M-V-CNTL/00)** **\$190**

**Optional Rolling Caster System
Locking Swivel Casters (S-C-CAST/KT)
(Not available on the eFL2635)** **\$325**

**Type S Platinum Thermocouples
(T-G-SJUP/UG)** **\$340 each**

**Pyrocl metallic Thermocouples
(T-G-E23M/UG)** **\$58 each**

Model Number	Kiln Price	Furn Kit	Shelves	Cubic Feet	Hearth Height	Inside Dimensions	Exterior Dimensions	240/1 KW~Amp~Fuse	240/3 KW~Amp~Fuse	208/1 KW~Amp~Fuse	208/3 KW~Amp~Fuse	Lbs Kiln	Lbs w/Kit
eFL1626	\$8,225	\$650	(3) 14"x 24"	6.6	30"	17W x 26H x 26D	36W x 63H x 39D	11.5~48.0~60	12.5~30.1~40	10.0~48.0~60	*12.5~34.7~50	645	725
eFL2026	\$9,050	\$800	(6) 10"x 24"	8.6	30"	22W x 26H x 26D	41W x 63H x 39D	13.3~55.4~70	13.3~32.0~40	13.3~64.0~80	13.3~36.9~50	700	800
eFL2626	\$10,125	\$925	(6) 12"x 24"	10.2	30"	26W x 26H x 26D	45W x 63H x 39D	15.4~64.0~80	15.4~37.0~50	15.4~73.9~100	15.4~42.6~60	765	850
eFL2635	\$11,900	\$1125	(8) 12"x 24"	13.7	30"	26W x 35H x 26D	45W x 72H x 39D	19.2~80.0~100	19.2~52.9~70	19.2~92.3~125	19.2~61.1~80	895	900

All models are rated to Cone 10 except the 208 volt single phase eFL1626 which is rated to Cone 5. * A special model eFL1626-208-X is rated at Cone 10 but has 56.0 amps with a 70 amp fuse and is wired direct. Plugs on US Models only: 6-50P on single phase and 15-50P on three phase for all eFL1626 models except the special eFL1626-208-X, 3 phase eFL2026, and 3 phase eFL2626. All other models are direct wired.

Moving: All models fit through a 31" wide by 75" high door (before re-assembly). All eFL kilns can be moved with a pallet-jack. **High-lift pallet-jack required for assembly and unloading off pallet.**

More: See Easy-Load Spec Sheets and Dimension Drawings on each kiln page on our website for more details.

Shipping: Protected with wood crate and foam-in-place packaging for shipment by Common Carrier. Fits on one 48x48" pallet. Ships from factory direct to customer.

Checklist: Fill out installation checklist prior to order: hotkilns.com/eFL-checklist.

Listings: cMET-us listed to UL499.



EASY-LOAD KILNS

Commercial Front-Loading Kilns



- **Genesis Touch Screen Control** • with Kiln Aid app
- **Dynamic Zone Control** • for even firing
- **Hard Ceramic Element Channels** • protect your elements and kiln
- **Cone 10** (2350°F • 1290°C)
- **Type K Thermocouples (3)** • with protection tubes
- **3" K23 Brick** • 2" of backup insulation and 4.5" K25 arched top
- **Front Loading**
- **Solid, Straight-View Peephole Plugs**
- **Welded, Powder-Coated Case/Frame**
- **Industrial Control Panel** • 480v optional
- **Two-Year Limited Commercial Warranty**
- **MET-us listed to UL499 Standards**

Request a quotation:
industry@hotkilns.com

Commercial-grade front-loading kilns for production. Includes adjustable door with plug seal and fiberglass gasket, door elements, heavy-gauge welded case, 4.5" K25 arched brick top, door switch, and industrial control panel with branch fusing.



FURNITURE KIT
See page 26



Powered Bottom
(P-B-UPGD/00)

\$1900

Vent-Sure (120 volts)
(M-V-VENT/00)

\$725

Vent Doubler
(M-V-VENT/DB)

\$220

Vent Control
(M-V-CNTL/00)

\$190

VOLTAGE & POWER OPTIONS

240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. No Charge except for 480 volts.

480 volts/3 phase

\$1050

NEMA 1 Panel

(recommended for 480 volts)

\$1050

SSR Power Control for
2 Circuit Models

\$1475

SSR Power Control for
3 Circuit Models

\$1950

Type S Platinum Thermocouples
(T-G-SJUP/UG)

\$340 each

Pyrocil metallic Thermocouples
(T-G-E23M/UG)

\$58 each

High Limit Back Up Control
(N-G-PKHL/00)

\$875

Back up Contactors EL2424
(N-G-BCE2/00)

\$525

Back up Contactors (All other models)
(N-G-BCE3/00)

\$625

SPECIAL HINGE MOUNTING

Hinge mounted on right. Note: Control panel stays on the right-hand side. (4 weeks extra production)

\$1575

Model No.	Price	Furniture Kit	Inside Dimensions	Cubic Feet	Hearth Size	Shelves Size	Hearth Height	KW	240/1 Amp-Fuse	240/3 Amp-Fuse	208/1 Amp-Fuse	208/3 Amp-Fuse	480/3 Amp-Fuse	Lbs Kiln	Lbs w/Kit
EL2424	\$14,475	\$575	25W x 25D x 24H	8.0	22" x 22"	(4) 11" x 22"	30"	15.0	63.0~80	55.0~70	73.0~100	63.0~80	28.0~40	1075	1250
EL2427	\$15,750	\$750	25W x 25D x 27H	9.0	22" x 22"	(6) 11" x 22"	30"	15.0	68.8~90	39.6~50	79.3~100	45.7~60	19.8~25	1200	1450



EASY-LOAD SERIES



Woven tadpole fiberglass door gasket for superior door seal



Safety door switch shuts off power when door is opened.



4-1/2" Thick k25 full arch for extra strength



K25 brick - top vent plug



Door elements for even heating



Thick powder-coated steel case with stainless steel trim

ADDITIONAL MANUAL VENTILATION AND COOLING SYSTEM

There is a brick plug on the top of the kiln and a sliding damper on the bottom to allow you to introduce cool air into the kiln without opening the door. (Note: this is not meant to replace the recommended Vent-Sure downdraft vent system).

CRATING

Standard Plywood Crate with air-ride engineered cushions and export-ready ISPM-15 construction

(YOU MUST HAVE A FORKLIFT TO UNLOAD)

Model No.	Price	Furniture Kit	Inside Dimensions	Cubic Feet	Hearth Size	Shelves Size	Hearth Height	KW	240/1 Amp-Fuse	240/3 Amp-Fuse	208/1 Amp-Fuse	208/3 Amp-Fuse	480/3 Amp-Fuse	Lbs Kiln	Lbs w/Kit
EL2436	\$22,925	\$1150	25W x 25D x 36H	12.0	22" x 22"	(8) 11" x 22"	30"	19.0	80.0~100	46.0~60	92.0~125	53.0~70	24.0~30	1350	1550
EL2448	\$27,800	\$1325	25W x 25D x 48H	16.0	22" x 22"	(10) 11" x 22"	18"	24.2	101.0~125	59.0~80	117.0~150	68.0~90	30.0~40	1500	1750
EL2848	\$29,825	\$1750	31W x 25D x 48H	20.0	28" x 24"	(12) 14" x 24"	18"	27.0	113.0~150	66.0~90	130.0~175	75.0~100	33.0~50	1750	2000
EL3048	\$34,400	\$1825	31W x 31D x 48H	25.0	28" x 28"	(12) 14" x 28"	18"	31.5	132.0~175	76.0~100	152.0~200	88.0~125	39.0~50	2000	2300

Cone Rating: All models rated for Cone 10

Furniture Kit: Includes high-fire shelves listed above plus two Large Square Post Kits and insulated gloves for unloading. Power Hookup: Direct wired.

Moving: All the kilns except the EL3048 will go through a 34-1/2" wide by 75" high door. The EL3048 needs a minimum door size of 40-1/2" wide by 76" high. All Easy-Load kilns can be moved with a pallet-jack from any side, after its unloaded. **Forklift required for unloading off pallet.**

More: See eFL Spec Sheets and Dimension Drawings on each kiln page on our website for more details.

Shipping: Protected with wood crate, foam-in-place packaging, and special pallet cushions. Shipping by air-ride truck. Fits on one pallet. Ships from factory direct to customer.

Checklist: Fill out installation checklist prior to order: hotkilns.com/front-load-checklist.

Listings: MET-us listed to UL499.

DAVINCI BELL-LIFT KILNS



- **Genesis Touch Screen Control** •
with Kiln Aid app
- **Dynamic Zone Control** •
for even firing
- **Hard Ceramic Element Channels** •
protect your elements and kiln
- **Cone 10** (2350°F • 1290°C)
- **Type K Thermocouples (3)** •
with protection tubes
- **3" • K23 Brick** •
4" ceramic fiber module roof
- **Bell-Lift System** •
for loading from all 4 sides
- **Solid, Straight-View Peephole Plugs**
- **Welded Bell-Lift Frame** •
easy to install with a forklift
- **Industrial Plug-in Control Panel** •
floor standing, 480v optional
- **Two-Year Limited Commercial Warranty**
- **c-MET-us** listed to UL499 Standards
(except for 54" high models)

Bell-Lift kilns are easy to load and great for industrial or high-production work. An option for a multi-car bottom and track system is available. Includes electric chain hoist.



Availability: DaVinci X3200-D & T3400-D Kiln Series. A special version exists that is 100 Cu-Ft (see next page).

How it Works: A hand-held dongle operates the electric chain hoist to lift the whole kiln up as a unit, exposing the bottom of the kiln for loading from all four sides. The kiln sections and top are held together as one unit with a metal support frame and stainless steel base. Four quick release pins lock the kiln in place when the kiln is fully raised, for added security while loading.

Construction: The heavy-gauge metal frame is welded, powder-coated, and constructed into two parts for shipping by common-carrier. The top and bottom-half can

be assembled on site in an hour by two to three people (forklift required). Unique DaVinci-kiln shape (shallow side arches) create strong sides and space for interior air circulation while firing. 9" high sections stack on top of each other and are held together with a cage of metal brackets and stainless steel bottom.

Control Panel: Floor mounted NEMA 1 panel separate from kiln. Kiln sections attached to panel with cords (custom lengths available). Mechanical contactors (SSR optional) with control relays. Branch fusing. Direct wired.

Model No.	Kiln Price	Power Bottom	Furn Kit	Shelves in Furn Kit	Post Kits	Inside W x D	Inside Height	Cubic Feet	External Dimensions	Stand KW	High KW	240/1 Fuse	240/3 Fuse	208/1 Fuse	208/3 Fuse	Lbs Kiln	Lbs w/Kit
X3227-BL	\$29,000	\$1275	\$1000	(6) 28" x 14"	(1)	30.5" Square	27"	14.5	77W x 114H x 67D	18.0	21.3	100	60	125	70	1750	1900
X3236-BL	\$30,600	\$1275	\$1475	(8) 28" x 14"	(2)	30.5" Square	36"	19.4	77W x 132H x 67D	24.4	28.4	125	80	150	100	1885	2090
X3245-BL	\$34,225	\$1275	\$1700	(10) 28" x 14"	(2)	30.5" Square	45"	24.2	77W x 150H x 67D	30.5	35.5	175	125	200	125	2075	2325
X3254-BL	\$36,325	\$1275	\$1700	(10) 28" x 14"	(2)	30.5" Square	54"	29.1	77W x 168H x 67D	36.0	42.6	200	150	225	176	2140	2350
T3427-BL	\$31,575	\$1725	\$1600	(9) 28" x 14"	(2)	30.5" x 43.5"	27"	20.7	89W x 114H x 70D	24.9	36.5	125	80	150	90	1975	2205
T3436-BL	\$32,500	\$1725	\$1925	(12) 28" x 14"	(2)	30.5" x 43.5"	36"	27.6	89W x 132H x 70D	33.3	39.9	175	125	200	125	2225	2525
T3445-BL	\$34,225	\$1725	\$2675	(15) 28" x 14"	(3)	30.5" x 43.5"	45"	34.6	89W x 150H x 70D	41.6	49.8	200	150	225	175	2475	2850
T3454-BL	\$36,325	N/A	\$2675	(15) 28" x 14"	(3)	30.5" x 43.5"	54"	41.5	89W x 168H x 70D	49.8	59.8	250	200	300	225	2445	2860

Cone Rating: All models rated for Cone 10.

Listings: cMET-us listed to UL499 with the exception of models X3254-BL, T3454-BL, and TB644754-BL.

Power Hookup: Direct wired - no plugs. You have a choice of standard or high power KW for no change in price.

Crating: Protected with wood crating and foam-in-place packaging for shipment by Common Carrier. There are two crates.

TB644754 BELL-LIFT KILN

100 Cubic Foot Industrial Kiln



- Based on the design of the smaller Bell-Lift kilns, but larger
- Voltage: 480/3P KW: 87.8
- Amps: 106, Fuse: 150 amps, Wire Size: 2/0
- Inside Dimensions: 66" W x 47"D x 54"H (100 cubic feet)
- Outside Dimensions: 86" W x 70" D x 168" H
- Space Requirements (for operation and maintenance): 155" W x 107" D x 180" H
- Ship Weight: 4000 lbs. Ships on a dedicated truck.

Request a quotation:
industry@hotkilns.com



TB644754 BELL-LIFT KILN



CUSTOM LARGE SQUARE & RECTANGULAR KILNS

LARGE SQUARE & RECTANGULAR KILNS

L&L designs and builds custom square and rectangular DaVinci kilns. Sizes are very flexible. The top is typically made of 4" thick ceramic fiber modules.

hotkilns.com/kiln-types/extra-large-square



CUSTOM LARGE POLYGONAL KILNS

CUSTOM LARGE POLYGONAL KILNS

hotkilns.com/kiln-types/large-polygonal

Custom polygonal kilns with 4-1/2" of firebrick are available by special quote. L&L can make almost any diameter and any height in multiples of 4.5" high sections. There are three elements per 9" high section. The bottom is typically 4-1/2" of K23 brick. The top is typically made of 4" thick folded and formed ceramic fiber modules. Temperatures are limited to 2350°F (1285°C).

Industrial kilns are all by special quote and are only sold direct by the factory. Send an email with your requirements. Be sure to include process, size and temperature requirements.

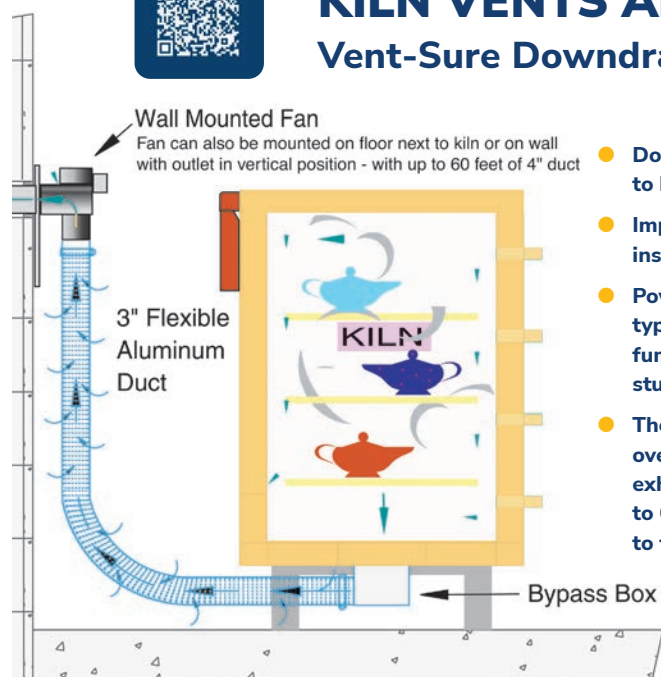


Request a quotation:
industry@hotkilns.com



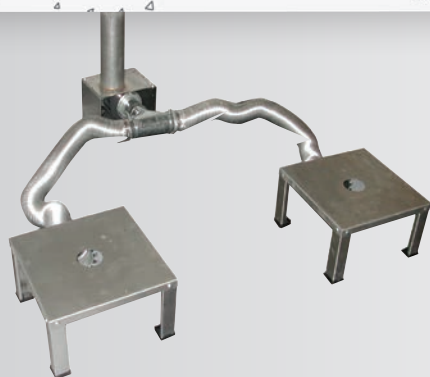
KILN VENTS AND ACCESSORIES

Vent-Sure Downdraft Vent System



- Downdraft venting pulls air down to bottom of kiln
- Improves temperature uniformity inside the kiln
- Powerful 130 CFM fan motor, typically mounted on wall, allows fumes to be under vacuum in your studio
- The strong fan motor helps overcome static pressure in long exhaust lines. The duct may be up to 60 feet in length, and include up to four 90° bends

- 120 volts with on/off switch on cord (240 volts available)
- 8 foot long flexible aluminum duct
- Bypass collection box mounted on kiln allows adjustment of venting
- Fan motor, mounted away from the kilns, stays cool and no vibration transmitted to the kiln
- Multi-Mount Bracket comes with the Vent System - allows you to mount vent motor in various positions.
- Three-year Limited Warranty
- c-MET-us Listed to UL499 standards for use on c-MET-us listed L&L Kilns (Easy-fire, School-Master, Jupiter, Davinci, eFL)



VENT DOUBLER

You can get a vent doubler option which allows you to vent two kilns that are each up to 10 cubic feet. (Note: Consider buying the Multi-Mount Bracket). Includes all parts necessary to vent two kilns - up to 10 cubic feet each with one vent.

(hotkilns.com/doubler)

(M-V-MVENT/DB)

\$220

Vent-Sure for 120 Volts (primarily used in the USA)

(M-V-VENT/00)

\$725

Vent-Sure for 220-240 Volts (Usually non-USA)

(M-V-VENT/41)

\$825

EXTRA LONG FLEX DUCT -3 ft to 15 ft heavy duty flexible duct

(M-V-DUCT/15)

\$40



VENT CONTROL

The Vent Control allows you to automatically control the operation of the Vent-Sure kiln vent with one of the outputs from the DynaTrol (or Genesis). (hotkilns.com/vent-control)

(M-V-CNTL/00)

\$190



MULTI-MOUNT BRACKET

Allows for easy installation anywhere; may function as a floor stand or wall-mount. Included with vent kit.

- HIGH LIMIT BACK UP CONTROL**
 industrial grade high limit control with latching relay acts as a back up to the main control. If the main control fails for any reason then this acts as a "back stop" and shuts the kiln down. Available on Jupiter, DaVinci, and Easy-Load kilns only.
(hotkilns.com/high-limit)
N-G-PKHL/00 **\$875**
- BACK UP CONTACTORS**
 Actuated by the high limit back up digital control, back up contactors are completely redundant power contactors so that if one or more contactors fail in a closed position then the kiln still cannot climb above the high limit set point. Available on Jupiter, DaVinci and Easy-Load kilns only.
(hotkilns.com/high-limit)
- 120 VOLT POWER SUPPLY / EMI NOISE FILTER**
 If there are problems with short power outages, voltage spikes, voltage drops, or excessive environmental line noise, this can cause unpredictable behavior in the electronic control. With this option the control is powered by a separate 120 volt line (with a standard 6 foot long cord) and that voltage is filtered through an EMI (Electrical Magnetic Interference) noise filter. Available on all kilns. **(hotkilns.com/noise)**
L-G-EMIF/00 **\$295**

- SOLID STATE RELAYS**
 industrial grade solid state relays are quiet and result in longer element life because the switching time is so fast the elements don't heat and cool as much the way they will with regular mechanical contactors. The whole system includes heat sinks, special fast acting fuses, cooling fan and extra safety relays.
(hotkilns.com/kiln-accessories/solid-state-relays)

SSR Power Control for 2 Circuit Models

(L-X-SSRS/02) **\$1475**

SSR Power Control for 3 Circuit Models

(L-X-SSRS/03) **\$1950**

SSR Power Control for 4 Circuit Models

(L-X-SSRS/04) **\$2350**

SSR Power Control for 5 Circuit Models

(L-X-SSRS/05) **\$2775**

SSR Power Control for 6 Circuit Models

(L-X-SSRS/06) **\$3150**

Note: Panels with 6 circuits need to use the larger NEMA1 panel **\$1050**

LARGE SQUARE POST KIT

(Six each 1/2", 1", 2", 4", 6" & 8" square posts)

(C-G-SPKT/LG) **\$180**

SMALL SQUARE POST KIT

(Four each 1/2", 1", 2", 4", 6" square posts)

(C-G-SPKT/SM) **\$125**

DOLL SQUARE POST KIT

(Four each 1/2", 1", 2", 4" square posts)

(C-G-SPKT/DL) **\$100**

SQUARE POSTS (1-1/2" SQUARE)

1/2" Square Post
(C-G-S005/00) **\$2.35**

1" Square Post
(C-G-S010/00) **\$2.90**

2" Square Post
(C-G-S020/00) **\$3.40**

4" Square Post
(C-G-S040/00) **\$5.25**

6" Square Post
(C-G-S060/00) **\$6.25**

8" Square Post
(C-G-S080/00) **\$8.50**

FREIGHT FOR SHELVES AND FURNITURE KITS

Depending on the quantity and size of shelves, posts and furniture kit(s) ordered, the order may have to ship by common carrier freight.

Skid/carton charge **\$79**

ROUND & POLYGONAL SHELVES

11" DIAMETER KILNS

FOR DOLL/TEST KILNS

Full Round 9" diameter shelf (3/8" thick)

(H-D-9000/00) **\$42**

14" DIAMETER KILNS

FOR FUEGO & E14S-3 KILNS (with 3" brick)

Full Round 12" diameter (1/2" thick)

(H-J-1200/00) **\$50**

16-1/2" DIAMETER KILNS

FOR E18S-3 & E18T-3, AND J1800-3 (kilns with 3" brick)

Full Round 15" diameter (5/8" thick)
(H-J-150A/00) **\$72**

Half Round 15" diameter (5/8" thick)
(H-J-155A/00) **\$47**

22" DIAMETER KILN

FOR E23S-3, E23T-3, SM23T-3, & J2300-3 (kilns with 3" brick)

Half Round 20" diameter (3/4" thick)
(H-J-2050/00) **\$61**

28" & 29" DIAMETER KILNS

FOR E28S, E28T, SM28T, J2900 SERIES (with 2-1/2" or 3" brick)

Half Round 25-1/2" diameter (3/4" thick)
(H-J-2650/00) **\$100**

RECTANGULAR SHELVES

X2800 SERIES, E2818XT, E2827XT

11-1/2" x 23" rectangular (3/4" thick)

(H-X-2311/00) **\$95**

T2300 SERIES, EL2424-H, EL2427-H, EL2436 & EL2448

11" x 22" rectangular (3/4" thick)

(H-X-2211/00) **\$95**

EFL2026

10" x 24" rectangular (3/4" thick)

(H-X-2410/00) **\$95**

EFL2626, EFL2635

12" x 24" rectangular (3/4" thick)

(H-X-2412/00) **\$95**

EL2848, EFL1616, EFL1626

14" x 24" rectangular (3/4" thick)

(H-X-2414/00) **\$110**

X3200 SERIES, T3400 SERIES & EL3048

28" x 14" rectangular (3/4" thick)

(H-X-2814/00) **\$120**

● **INDUSTRIAL CONTROLS**

Various industrial controls are available on DaVinci, Jupiter and Easy-Load kilns only. Call factory to discuss.

● **480 VOLTS/3 PHASE**

Available for Jupiter 28" diameter kilns, DaVinci kilns and Easy-Load kilns. Kiln sections are hard wired to power box with flexible cords.

(hotkilns.com/480)

\$1050

● **NEMA 1 CONTROL BOX:**

480 volts on Easy-Load kilns becomes MET-us listed with this extra option. Recommended for other 480 volt kilns or for dusty environments.

\$1050

● **TYPE S THERMOCOUPLES**

The best thermocouple for constant high fire applications. There is no thermocouple drift and they will almost never need replacing. Priced per thermocouple. For a single-zone kiln you will need one, for a two-zone kiln two, and for a three-zone kiln three. Note that kilns with four or more sections still only have a three-zone control.

(hotkilns.com/type-s)

T-G-SJUP/UG (Price per thermocouple)

\$340

● **PYROCIL SHEATHED THERMOCOUPLES**

For greater sensitivity to temperature change. Use below 2200°F for sensitivity (glass is a good example). See above note about quantity required.

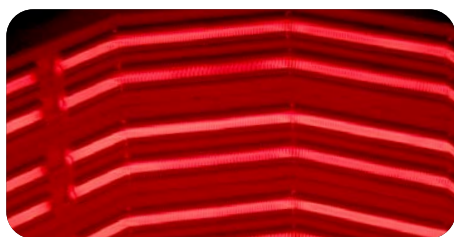
(hotkilns.com/pyrocil-tc)

T-G-E23M/UG (Price per thermocouple)

\$58

● **CUSTOM OPTIONS**

Discuss your custom needs with us. We customize our kilns for industrial applications and special ceramic needs. We can make very tall kilns, very large diameter kilns, add special holes, make ceramic fiber tops, use mercury relays and SSRs, add insulation. We have many years of industrial and special design experience.



QUAD ELEMENTS

Four rows of elements for each 9" kiln section. For maximum high-fire element life.

The combination of 1/2" diameter element coils, doubled surface area of the Quad element design, and superior heat transfer of L&L's patented ceramic element channels, make this the best element system in the world today.

Quad elements are available as an option on most L&L kilns. They are standard on eQuad-Pro and JH Series.

(hotkilns.com/quad-elements)



SQUARE POSTS ARE CUT SQUARE

L&L's ceramic extruded posts are very straight, precision cut for squareness (which makes shelves stable), and are strong without being excessively thick.

APM SINTERED ELEMENTS

For even greater element life we offer APM alloy elements. This is a higher temperature alloy and provides approximately 3 times the life of regular elements - but are very expensive.

(hotkilns.com/apm)

HIGH ALUMINA SHELF MATERIAL

L&L shelves are made of strong, dense, press-molded (not cast) high alumina cordierite body designed for high fire with little warping.



DYNATROL OPTION

Traditional 24-Key pad. May be substituted for Genesis, with no change in price.



NEW ROLLING KILN STAND

L&L's rolling kiln stand features heavy gauge aluminized steel construction with multiple bends for extra strength, rubber swivel locking casters, integrated vent collection box mounts, and guide posts for the kiln. Each size is fitted to the kiln.

The vent collection box is not included. It is sold with the Vent-Sure System.

More Information & Support at hotkilns.com

Prices in this catalog are subject to change without notice.

Prices are always current on our website. Find complete specifications, support videos, photos, parts, PDF Library, and thousands of pages of knowledgebase information easily, using our sophisticated search engine.



TRUST YOUR KILN

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