

2013 MINI-CATALOG AND PRICE LIST



Toll Free: 800-750-8350

Kilns Built To Last

L&L Kiln Mfg, Inc.

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EASY-FIRE KILNS - THE CLASSIC POTTERY KILN

hotkilns.com/easy-fire-kilns

Standard Features

- ❑ Hard ceramic element holders
- ❑ 24-Key DynaTrol with Dynamic Zone Control (two zones for "S" models and three zones for "T" models)
- ❑ Type K 8 gauge thermocouples with ceramic protection tubes
- ❑ Piggy-back control panel with drop-down front panel for easy maintenance and troubleshooting
- ❑ Full support 14 gauge aluminized stand
- ❑ Solid peephole plugs with full 1" view (not tapered)
- ❑ Proprietary reflective brick coating that protects brick and minimizes dusting
- ❑ "Easy-Lift, Easy-Load" stainless steel spring hinge system with full-support when door is up and tilted back (there are no support bars to get in the way of loading) (Not available on e18S & e18T models)
- ❑ c-MET-us listed to UL499 standards
- ❑ Three-year Limited Warranty (hotkilns.com/warranty)
- ❑ Packed in a skidded box protected with foam-in-place

DynaTrol with Zone Control



hotkilns.com/dynatrol
hotkilns.com/zone-control



This is the classic L&L multi-purpose kiln used by most of our customers.

Voltage & Element Options

240 or 208, 1 phase or 3 phase are all standard.....**No charge**
 220 volts single phase or 380 volts Wye or Delta (for non-USA installations)**No charge**
Quad Element System (watts & amps do not change - elements doubled & more massive with Quad system)..... **See grid**

Control Options

Pyroclil metal-sheathed thermocouples (instead of 8 ga TCs with ceramic protection tubes).....**No charge**
Type S platinum thermocouples (2 required for 18" High "S" models, 3 required for 27" High "T" models)..... **\$185 each**
KISS Computer Software to monitor control with USB connector for computer **\$575**

Features at hotkilns.com
 All features of L&L kilns are described in detail for every series of kiln. Just go to the kiln series on the web and all features will be shown.

Hard Element Holders	Quick Change Elements	Solid Peephole Plugs	Lid Brick Secured	Easy-Open, Easy-Load	Full Support Stand
					

Model No.	Kiln Price	Furn Kit	Quad Elem	No. Shelves F=full, H=half	Brick Thick	Inside Diam	Inside Height	Cubic Feet	Exterior Dimensions (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
e18S	\$1775	\$300	\$175	15-1/2" (1F, 4H)	2-1/2"	17-1/2"	18"	2.6	29W x 31H x 30D	5.7~23.9~30	5.7~18.9~30	5.0~23.9~30	5.0~18.9~30	190	245
e18S-3	\$1825	\$300	\$175	15" (1F, 4H)	3"	16-1/2"	18"	2.5	29W x 32H x 30D	5.7~23.9~30	5.7~18.9~30	5.0~23.9~30	5.0~18.9~30	220	255
e18T	\$2350	\$340	\$250	15-1/2" (2F, 4H)	2-1/2"	17-1/2"	27"	3.9	29W x 40H x 30D	8.4~35.0~50	8.4~20.2~30	8.4~40.4~60	8.4~23.3~30	230	305
e18T-3	\$2425	\$340	\$250	15" (2F, 4H)	3"	16-1/2"	27"	3.7	29W x 41H x 30D	8.4~35.0~50	8.4~20.2~30	8.4~40.4~60	8.4~23.3~30	255	325
e23S	\$2375	\$340	\$200	21" (1F, 4H)	2-1/2"	23-3/8"	18"	4.7	31W x 32H x 42D	9.5~39.4~50	9.5~31.2~40	8.3~40.0~50	8.3~31.6~40	265	350
e23S-3	\$2475	\$340	\$200	20" (1F, 4H)	3"	22-3/8"	18"	4.4	31W x 33H x 42D	9.5~39.4~50	9.5~31.2~40	8.3~40.0~50	8.3~31.6~40	305	375
e23T	\$2925	\$420	\$300	21" (2F, 4H)	2-1/2"	23-3/8"	27"	7.0	31W x 41H x 42D	11.5~48.0~60	11.5~27.7~40	10.0~48.0~60	11.0~30.5~40	325	420
e23T-3	\$3025	\$420	\$300	20" (2F, 4H)	3"	22-3/8"	27"	6.7	31W x 42H x 42D	11.5~48.0~60	11.5~27.7~40	10.0~48.0~60	11.0~30.5~40	360	455
e28S-3	\$2925	\$530	\$275	25-1/2" (6H)	3"	28"	18"	6.8	37W x 33H x 48D	11.5~47.9~60	11.5~37.9~50	10.0~48.0~60	10.0~38.0~50	370	470
e28T-3	\$3450	\$645	\$400	25-1/2" (8H)	3"	28"	27"	10.2	37W x 42H x 48D	11.5~48.0~60	16.6~40.0~50	10.0~48.0~60	14.3~39.8~50	460	565

Furniture Kit: Includes the shelves listed above plus the Large Square Post Kit, insulated gloves for unloading, and 5 lbs of Cone 10 kiln wash. You can substitute two half shelves for one full shelf at No charge.
Cone Rating: All models are rated to Cone 10 except the e28T-3 which is rated to Cone 8 at 240V/1 Phase, Cone 5 at 208V/1 Phase, and Cone 10 for any 3 phase kiln. **Plugs on US Models only:** 6-50 on single phase and 15-50 on three phase **CE Listing:** CE Listed models are available.
More: See various Easy-Fire Specification Sheets at hotkilns.com/spec-easy-fire for shipping dimensions, electrical ratings, fuse and wire sizes.

SCHOOL-MASTER KILNS - SIMPLE TO USE

hotkilns.com/school-master-kilns

Standard Features

- ❑ **SPECIAL FIVE-YEAR LIMITED WARRANTY** (hotkilns.com/five-year-warranty)
- ❑ Proprietary One-Touch™ Intuitive Kiln Control is designed for busy school teachers - One touch and you are ready to fire the bisque and glaze programs typically used in schools. (It is also easy to adjust simple parameters like cone, delay, hold, heat-up and cool-down rates). You can even create four custom ramp/hold programs.
- ❑ Single zone with graded elements
- ❑ Hard ceramic element holders
- ❑ Type K 8 gauge thermocouple with protection tube
- ❑ Full support aluminized steel stand
- ❑ Piggy-backed panel like Easy-Fire kilns
- ❑ 3 solid peephole plugs like Easy-Fire
- ❑ Proprietary reflective brick coating that protects brick and minimizes dusting
- ❑ "Easy-Lift, Easy-Load" stainless steel spring hinge system with full-support when door is up and tilted back (there are no support bars to get in the way of loading)
- ❑ Plugs on all USA models (6-50 on single phase and 15-50 on three phase)
- ❑ c-MET-us listed to UL499 standards
- ❑ Packed in a skidded box protected with foam-in-place



hotkilns.com/one-touch-intuitive-kiln-control



For busy school teachers who want a simple control.

Voltage Options

240 or 208, 1 phase or 3 phase No charge
 220 volts single phase or 380 volts Wye or Delta (for non-USA installations) No charge

Model No.	Kiln Price	Furn Kit	No. of Shelves F=full, H=half	Brick Thick	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	\$2825	\$420	21" (2F, 4H)	2-1/2"	23-3/8"	27"	7.0	31W x 41H x 42D	11.5~48.0~60	11.5~27.7~40	10.0~48.0~60	11.0~30.5~40	325	420
SM23T-3	\$2925	\$420	20" (2F, 4H)	3"	22-3/8"	27"	6.7	31W x 42H x 42D	11.5~48.0~60	11.5~27.7~40	10.0~48.0~60	11.0~30.5~40	360	455
SM28T-3	\$3350	\$645	25-1/2" (8H)	3"	28"	27"	10.2	37W x 42H x 48D	11.5~48.0~60	16.6~40.0~50	10.0~48.0~60	14.3~39.8~50	460	565

Furniture Kit: Includes the shelves listed above plus Large Square Post Kit, insulated gloves for unloading, and 5 lbs of Cone 10 kiln wash. You can substitute two half shelves for one full shelf at no charge.

Cone Rating: All models rated for Cone 6 except for the SM28T-3, 208V/1 phase which is rated for Cone 5.

More: See hotkilns.com/spec-school-master for shipping dimensions, electrical ratings, fuse and wire connection sizes.

EASY-FIRE XT SQUARE KILNS

hotkilns.com/easy-fire-xt-kilns

Standard Features

- ❑ Same basic control panel and other features as 3" Easy-Fire kilns
- ❑ Same square body shape used in our DaVinci Series with strong arched sides with extra space added to interior dimensions for good air circulation
- ❑ Stainless steel spring hinge used on the Easy-fire kilns
- ❑ 6-50 or 15-50 plug on most models (some are direct wired - see specification sheet)
- ❑ Three-year Limited Warranty



Not listed to UL499

Model No.	Kiln Price	Furn Kit	Quad Elem	Shelves in Furniture Kit	Inside W x D	Inside Height	Cubic Feet	External Dimensions	Stand KW	240/1 Amp-Fuse	240/3 Amp-Fuse	208/1 Amp-Fuse	208/3 Amp-Fuse	Lbs Kiln	Lbs w/Kit
E2318-XT	\$3575	\$365	\$250	(4) 20" x 10"	22" Square	18"	5.0	40W x 32H x 42D	9.5	39.4~50	34.1~40	45.5~60	39.4~50	500	550
E2327-XT	\$4035	\$460	\$350	(6) 20" x 10"	22" Square	27"	8.1	40W x 41H x 42D	11.5	48.8~60	27.1~40	48.0~60*	32.0~40	600	665
E2818-XT	\$4360	\$400	\$275	(4) 23" x 11-1/2"	26-1/2" Square	18"	7.8	45W x 32H x 43D	11.5	48.0~60	41.6~60	48.0~60*	48.0~60	625	695
E2827-XT	\$5350	\$520	\$400	(6) 23" x 11-1/2"	26-1/2" Square	27"	11.7	45W x 41H x 43D	14.9	48.0~60*	41.6~60	48.0~60*	48.0~60	735	835

Furniture Kit: Includes the shelves listed above plus Large Square Post Kit, insulated gloves for unloading, and 5 lbs of Cone 10 kiln wash.

Cone Rating and Special High Amperage Models: Most models are rated to Cone 10. Most models have cords but a few require a direct hookup. *These 60 amp models are not rated to cone 10 and do not have the standard KW but most are available in a higher amperage/KW direct-wire cone 10 version.

More: See hotkilns.com/spec-easy-fire-xt for shipping dimensions, electrical ratings, fuse and wire sizes, cone rating, and special higher KW models.

AUTOMATIC JUPITER KILNS

(hotkilns.com/jupiter-automatic-kilns)

Standard Features

- Hard ceramic element holders
- Automatic 24-Key DynaTrol with Dynamic Zone Control
- Kiln sections plug into separate control panel mounted on the element boxes
- Branch fusing on all models above 48 amps
- Type K 8 gauge thermocouples with ceramic protection tubes
- Full support 14 gauge aluminized steel stand
- Solid peephole plugs with full 1" view (not tapered)
- Proprietary reflective brick coating that protects brick and minimizes dusting
- "Easy-Lift, Easy-Load" stainless steel spring hinge system with full-support when door is up and tilted back (there are no support bars to get in the way of loading) is standard on all 12 and 10 sided models (29", 28", 22" and 23" diameter), Not available on the 8 sided (17-1/2" and 16-1/2" diameter models)
- 6-50 plug on JD18, JD18X, JD23, JD230 and JD230-EZ single phase models. 15-50 plug on JD18, JD18X, JD23, JD230 and JD230-EZ three phase models. All other models are direct wire.
- c-MET-us listed to UL499 standards
- Three-year Limited Warranty
- Packed in a skidded box protected with foam-in-place

Jupiter kilns are easy-to stack and disassemble because of the plug-in sections.



Voltage & Element Options

240 or 208, 1 phase or 3 phase	No charge
220 volts single phase or 380 volts Wye or Delta (for non-USA installations)	No charge
480 volts/3 phase	\$650
(needs NEMA1 panel for MET-us listing) (sections hard wired to power box)	
NEMA 1 Control box for industrial use (MET-us listed with this extra option for 480 volts)	\$650
Quad Element System (watts & amps do not change from the standard models. For JD1800 & JD2300 elements are doubled & more massive with Quad system. For JD2900 - there are two doubled elements in four rows (instead of the normal three).....	See grid

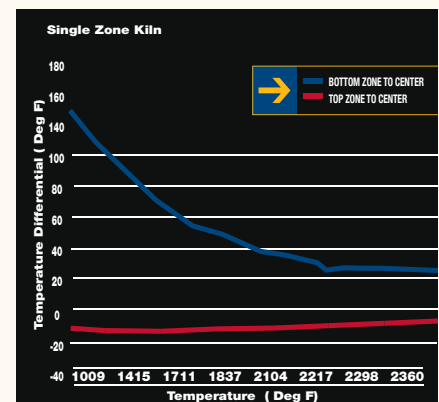
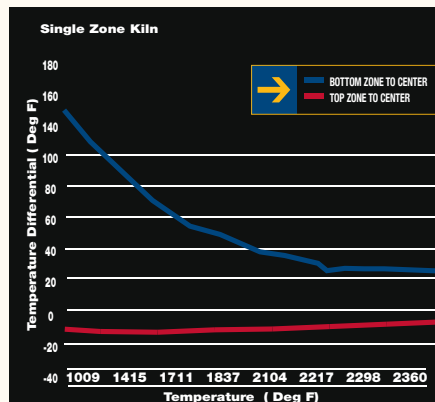
Control Options

High Limit Back Up Digital Control (latching relay back up control system)	\$550
Back Up Contactors (actuated by the High Limit Back Up Digital Control, needs a large box)	\$450
Orton Kiln Sitter to backup to automatic control	\$550
120 volt power supply with electrical noise filter for the automatic control	\$185
Pyrocil metallic type K thermocouples instead of 8 ga type K TCs with protection tubes... No charge	
Type S platinum thermocouples (2 required for 18" kilns, 3 required for all other models)...\$185 each	
KISS Computer Software to monitor control with USB connector.....	\$575

DYNAMIC ZONE CONTROL FOR UNIFORMITY

hotkilns.com/zone-control

- The DynaTrol separately measures temperatures in the bottom, middle and top of the kiln and automatically adjusts the heat output of three separate heating zones even as the kiln is heating up.
- Kiln temperatures are automatically evened out to within 1/2 cone or better top to bottom.
- Automatically compensates for many loading issues and element changes over time.



Model No.	Kiln Price	Powered Bottom	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
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JD Jupiter Automatic Kilns with 2-1/2" Brick

JD18	\$1795	n/a	\$295	\$175	15-1/2" (1F, 4H)	17-1/2"	18"	2.6	10	5.5~23.0~30	5.5~19.9~30	5.5~26.5~30	5.5~23.0~30	200	245
JD18X	\$2495	n/a	\$335	\$250	15-1/2" (2F, 4H)	17-1/2"	27"	3.9	10	8.3~34.5~50	8.3~19.9~30	8.3~39.8~50	8.3~23.0~30	245	295
JD23V	\$2365	\$450	\$335	\$200	21" (1F, 4H)	23-3/8"	18"	4.7	5	7.0~29.3~40	7.0~25.4~40	6.1~29.3~40	6.1~25.4~40	275	350
JD230V	\$2935	\$450	\$415	\$300	21" (2F, 4H)	23-3/8"	27"	7.0	10	10.6~44.0~60	10.6~25.4~40	9.1~44.0~60	9.1~25.4~40	330	425
JD236V	\$3535	\$450	\$485	\$400	21" (3F, 4H)	23-3/8"	36"	9.4	10	14.1~58.6~80	14.1~38.1~50	12.2~58.6~80	12.2~38.1~50	360	455
JD245V	\$4135	\$450	\$560	\$500	21" (4F, 4H)	23-3/8"	45"	11.8	10	17.6~73.3~100	17.6~50.8~70	15.2~73.3~100	15.2~50.8~70	445	560

JD Jupiter Automatic Kilns with 3" brick

JD18-3	\$1845	n/a	\$295	\$175	15" (1F, 4H)	16-1/2"	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	\$2600	n/a	\$335	\$250	15" (2F, 4H)	16-1/2"	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	\$2495	\$450	\$335	\$200	20" (1F, 4H)	22-3/8"	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	\$3065	\$450	\$415	\$300	20" (2F, 4H)	22-3/8"	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	\$3695	\$450	\$485	\$400	20" (3F, 4H)	22-3/8"	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	\$4365	\$450	\$560	\$500	20" (4F, 4H)	22-3/8"	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	\$3435	\$575	\$520	\$250	25-1/2" (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	\$4295	\$575	\$635	\$350	25-1/2" (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	\$5460	\$575	\$755	\$475	25-1/2" (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	\$6475	\$575	\$875	\$575	25-1/2" (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 J2300 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.

Furniture Kit: Includes the shelves listed above plus the Large Square Post Kit, insulated gloves for unloading, and 5 lbs of Cone 10 kiln wash. You can substitute two half shelves for one full shelf at no charge.

Cone Rating: See above chart. **More:** See various Jupiter Automatic specification sheets at spec-jupiter-auto for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. For controls see hotkilns.com/dynatrol and hotkilns.com/zone-control.

PULL-APART SCULPTURE KILNS

hotkilns.com/pull-apart-kilns



Pull-Apart Option for Sculpture

"Pull-Apart" Option for sculpture. 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-Lift, Easy-Load" spring hinge with it there is a \$200 extra charge.

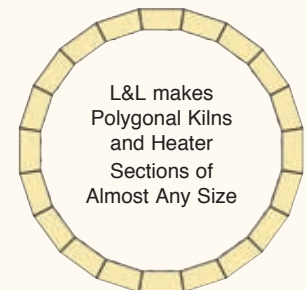
CUSTOM LARGE POLYGONAL KILNS

hotkilns.com/custom-polygonal-kilns

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 9" high sections. There are three elements per 9" high section. The base is made of welded angle-iron with leveling bolts. The bottom is typically 4-1/2" of K23 brick. These are typically cemented in sections and then held together with a stainless steel band. The top is typically made of 4" thick folded and formed ceramic fiber modules. Temperatures are limited to 2350°F (1285°C).



Not listed to UL499



L&L makes Polygonal Kilns and Heater Sections of Almost Any Size

eQUAD-PRO KILNS

hotkilns.com/equad-pro-kilns

Standard Features

- Cone 10 with extra power
- Quad element system (four rows of super heavy gauge elements per 9" high section) hotkilns.com/quad
- Extra power with branch fusing for high production work
- 3" brick
- 24-Key DynaTrol with Dynamic Zone Control
- Hard ceramic element holders
- Type K 8 gauge thermocouples with ceramic protection tubes
- Full support 14 gauge aluminized steel stand
- Solid peephole plugs with full 1" view (not tapered)
- Proprietary reflective brick coating that protects brick and minimizes dusting
- "Easy-Lift, Easy-Load" stainless steel spring hinge system with full-support when door is up and tilted back (there are no support bars to get in the way of loading)
- Three-year Limited Warranty
- Packed in a skidded box protected with foam-in-place

Voltage Options

240 or 208, 1 phase or 3 phaseNo charge

220 volts single phase or 380 volts Wye or Delta
(for non-USA installations)No charge

Control Options

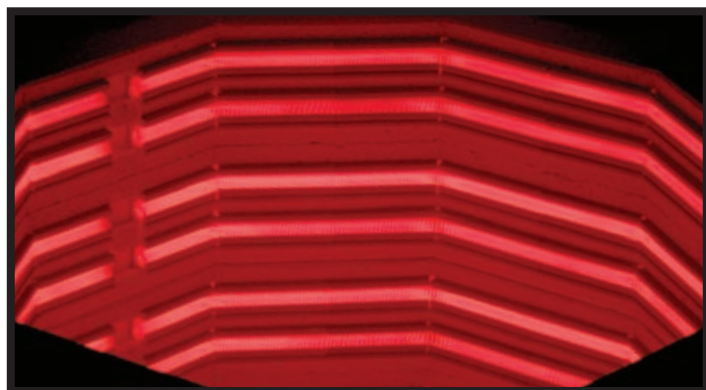
Type S platinum thermocouples (3 required if you want to maintain the three zone capability)\$185 each

KISS Computer Software to monitor control with USB connector for computer.....\$575



The eQuad-Pro sets a new standard in production kilns.

Not UL499 Listed



This photograph shows the inside of an eQuad-Pro while firing. Notice how the element holders 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 holders make these elements last a very long time.

QUAD ELEMENTS ARE MASSIVE

Model No.	Kiln Price	Furn Kit	No. of Shelves F=full, H=half	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	\$3725	\$415	20" (2F, 4H)	22-3/8"	27"	6.7	31W x 42H x 42D	13.4~56.0~70	13.4~32.4~50	11.7~56.0~70	11.7~32.4~50	365	485
eQ2827-3	\$4300	\$635	25-1/2" (8H)	28"	27"	10.2	37W x 42H x 48D	15.0~62.3~80	15.0~36.0~50	15.0~71.9~90	15.0~41.5~60	480	585
eQ2836-3	\$5045	\$755	25-1/2" (10H)	28"	36"	13.6	37W x 51H x 48D	19.0~79.2~100	19.0~51.5~70	19.0~91.3~125*	19.0~59.4~80	595	725

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

Furniture Kit: Includes the shelves listed above plus the Large Square Post Kit, insulated gloves for unloading, and 5 lbs of Cone 10 kiln wash. You can substitute two half shelves for one full shelf at no charge.

More: See hotkilns.com/spec-equad-pro for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. All models are direct wired with no cords. For controls see hotkilns.com/dynatrol and hotkilns.com/zone-control.

JH SERIES - CRYSTALLINE GLAZE KILNS

hotkilns.com/jh-series-crystalline-kilns

This is the "Thoroughbred" of kilns. Designed specifically for Crystalline Glaze firing - fast, responsive and precise.



Not UL499 Listed except for the e23S-JH

Standard Features

- Designed specifically for firing crystalline glaze with fast heat up, fast cool down to freeze crystals and the ability to soak without prematurely aging elements
- These kilns will reach 2400°F (cone 12, 1315°C)
- Includes 2-1/2" of K25 2500°F firebrick of sides and bottom with a 3" thick top
- Approximately 25% more power than the base models
- Quad element holder system with super heavy-duty elements
- Type S platinum thermocouples included as standard
- 24-Key DynaTrol with Dynamic Zone Control
- Includes other features that are standard on the base models
- Three-year Limited Warranty
- Packed in a skidded box protected with foam-in-place

Voltage Options

240 or 208, 1 phase or 3 phaseNo charge
 220 volts single phase or 380 volts Wye or Delta (for non-USA installations)No charge

Control Options

KISS Computer Software to monitor control with USB connector for computer \$575

Custom Variations

We can make a large number of variations on this design - for instance to accommodate industrial processes. We can offer thicker firebrick, multi-layered insulation, many different sizes, more power and many other options too numerous to mention. Please contact the factory to discuss your requirements.

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	\$2650	\$600	\$300	15-1/2" (1F, 4H)	17-1/2"	18"	2.6	8.8~36.7~60	8.8~31.7~50	8.8~42.3~60	8.8~36.8~50	255	300
e23S-JH	\$3095	\$640	\$340	21" full (1F, 4H)	23-3/8"	18"	4.7	10.5~47.9~60	n/a	10.0~48.0~60	n/a	280	365
JD230-JH	\$4910	\$960	\$420	21" full (2F, 4H)	23-3/8"	27"	7.0	13.7~57.0~80	13.7~32.9~50	12.5~60.0~80	12.5~34.7~50	400	505
JD2927-JH	\$6245	\$1080	\$645	25-1/2" (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	580	710

Furniture Kit: Includes the shelves listed above plus the Large Square Post Kit, insulated gloves for unloading, and 5 lbs of Cone 10 kiln wash. You can substitute two half shelves for one full shelf at no charge.

More: See hotkilns.com/spec-jh for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. For controls see hotkilns.com/dynatrol and hotkilns.com/zone-control. Plugs vary with model, voltage and phase. See Specification sheet.

CUSTOM INDUSTRIAL KILNS & FURNACES

hotkilns.com/industry

- L&L kilns are used as ovens, furnaces, kilns and heaters in many industries including advanced ceramics, aerospace ceramics, piezo ceramics, optical glass, heating processes, melting, preheating for welding, annealing, stress-relieving, solution hardening, calcining, and steel heat treating.
- The wide range of standard designs and built-in heavy-duty durability features allow L&L to quickly configure many designs for highly economical production use.
- Special industrial controls are available from Eurotherm, Honeywell, Watlow and others.
- Call L&L to discuss your needs. We have years of experience to share.



HERCULES MEDIUM FRONT-LOADING KILNS

hotkilns.com/hercules-kilns



This is a great value in medium-sized front-loading kilns. Elements in the door, gasketed plug door, arched roof, door shut-off switch - all are standard at an excellent price.



Standard Features

- Adjustable door with plug seal and fiberglass gasket for tight seal
- Heavy 12 gauge welded powder-coated case with separate but attached stand with Leveling pads
- Extra-tough K25 2500°F 4-1/2" firebrick arch. Other insulation is 3" of K23 brick with 2" of mineral wool backup insulation.
- Elements on door, sides and back for even firing
- Door power safety shut-off switch
- Hard ceramic element holders
- 24-Key DynaTrol with Dynamic Zone Control (2 zones for EL2424-H and 3 zones for EL2427-H)
- Type K 8 gauge thermocouples with ceramic protection tubes
- Control panel mounted with air space between it and the case
- Branch fusing in control panel
- Solid peephole plugs with full 1" view (not tapered) in the door
- Proprietary reflective brick coating that protects brick and minimizes dusting
- MET-us listed to UL499 standards
- The kiln will fit through a 34-1/2" wide door without disassembly or removal of door
- Crated with interior support and air-cushion skids. Shipping arrangements by air-ride truck are made by factory. Fill out the installation checklist prior to ordering: hotkilns.com/front-load-checklist.

Model No.	Furn Price	Inside Kit	Dimensions	Cubic Feet	Hearth Size	Shelves in Furniture Kit	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-H	\$7800	\$365	25W x 26D x 24H	8	22" x 22"	(4) 11" x 22"	30"	15.0	63.0~80	55.0~70	73.0~90	63.0~80	28.0~40	1075	1250
EL2427-H	\$8500	\$470	25W x 26D x 27H	9	22" x 22"	(6) 11" x 22"	30"	15.0	68.8~90	39.6.0~50	79.3~100	45.7~60	19.8~25	1200	1450

Furniture Kit: Includes the shelves listed above plus the Large Square Post Kit, insulated gloves for unloading, and 5 lbs of Cone 10 kiln wash.

More: See hotkilns.com/spec-hercules for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. Direct wire. For controls see hotkilns.com/dynatrol and hotkilns.com/zone-control.

Hercules Feature Photos



Door Gasket for Superior Door Seal



4-1/2" K25 Full Arch for Strength



Door Elements for Even Heating



Thick Powder-Coated Steel Case



Welded Stand can be removed



Safety Door Switch

CAR BOTTOM KILNS

hotkilns.com/car-bottom-kilns



The ELC3648 Car Kiln works with a standard pallet jack for easy moving of the car and great sealing. Call for quote.

EASY-LOAD LARGE FRONT-LOADING KILNS

hotkilns.com/easy-load-kilns

Standard Features

- Sizes to 25 Cubic Feet
- Adjustable door with plug seal and fiberglass gasket for tight seal
- Massive hinge for stability of door
- Heavy 10 gauge welded powder-coated case with integrated stand
- Extra-tough K25 2500°F 4-1/2" firebrick arch. Other insulation is 3" of K23 brick with 2" of mineral wool backup insulation.
- Elements on door, sides and back for even firing
- Hard ceramic element holders
- 24-Key DynaTrol with Dynamic Zone Control (3 zones in every model)
- Type K 8 gauge thermocouples with ceramic protection tubes
- Control panel mounted with air space between it and the case
- Branch fusing in control cabinet
- Door power safety shut-off switch
- Three solid peephole plugs with full 1" view (not tapered) in the door
- Proprietary reflective brick coating that protects brick and minimizes dusting
- MET-us listed to UL499 standards
- 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
- Crated with interior support and air-cushion skids. Shipping arrangements by air-ride truck are made by factory. Fill out the installation checklist prior to ordering: hotkilns.com/front-load-checklist.



Big, strong, well-built - if you need a large front-loading kiln we have it. L&L has been building front-loading kilns for over 60 years.



These are excellent kilns for large studios, universities, and advanced high schools as well as for industrial applications. Here is a photo of a fully loaded EL2436.



Voltage Options for Hercules & Easy-Load

240 or 208, 1 phase or 3 phase are all standard options. KW does not change .. **No charge**
220 volts single phase or 380 volts Wye or Delta (for non-USA installations) .. **No charge**
480 volts/3 phase (needs NEMA1 panel for MET-us listing)..... **\$650**
NEMA 1 Control box (MET-us listed with this extra option for 480 volts)..... **\$650**

Control Options for Hercules & Easy-Load

High Limit Back Up Digital Control (latching relay back up control system) **\$550**
Back Up Contactors (actuated by the High Limit Back Up Digital Control)..... **\$450**
Orton Kiln Sitter to backup to automatic control **\$650**
120 volt power supply with electrical noise filter for the automatic control **\$185**
Pyrocoil metallic type K thermocouples instead of 8 ga type K TC with ceramic protection tubes..... **No charge**
Type S platinum thermocouples (3 required for Easy-Load and Hercules EL2427-H, 2 for Hercules EL2424-H) price is per thermocouple..... **\$185**
KISS Computer Software to monitor control with USB connector for computer **\$575**

Hinge Mounting

Hinge mounted on right and panel mounted on left
(Special order: allow extra production time)..... **\$850**

Model No.	Price	Furn Kit	Inside Dimensions	Cubic Feet	Hearth Size	Shelves in Furniture Kit	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	\$12,500	\$735	25W x 25D x 36H	12	22" x 22"	(8) 11" x 22"	29"	19.0	80.0~100	46.0~60	92.0~125	53.0~70	24.0~30	1350	1500
EL2448	\$15,250	\$840	25W x 25D x 48H	16	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	\$16,375	\$1120	31W x 25D x 48H	20	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	\$18,950	\$1175	31W x 31D x 48H	25	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

Furniture Kit: Includes the shelves listed above plus Two Large Square Post Kits, insulated gloves for unloading, and 5 lbs of Cone 10 kiln wash.

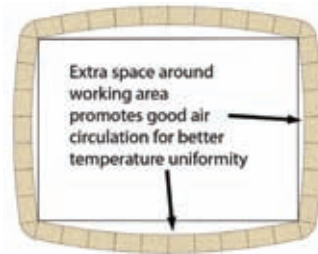
More: See hotkilns.com/spec-easy-load for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. Direct wire.

DAVINCI SQUARE & RECTANGULAR KILNS

hotkilns.com/davinci-kilns

Standard Features

- ❑ Counterbalanced Lid with springs inside of tubes
- ❑ Welded angle-iron powder-coated stand and hinge system
- ❑ 3" brick with all brick construction (including lid)
- ❑ Strong arched sides with extra space added to interior dimensions for good air circulation
- ❑ Hard ceramic element holders
- ❑ Solid peephole plugs with full 1" view (not tapered)
- ❑ Proprietary reflective brick coating that protects brick and minimizes dusting
- ❑ Floor mounted control panel (except for X2300 series)
- ❑ Branch fusing in control panel
- ❑ 24-Key DynaTrol with Dynamic Zone Control (2 zones in 18" high models, 3 zone in all other models)
- ❑ Type K 8 gauge thermocouples with ceramic protection tubes
- ❑ c-MET-us listed to UL499 standards
- ❑ Three-year Limited Warranty
- ❑ Protected with wood crate and foam-in-place packaging for shipment by Common Carrier. Depending on the model there are either two or three crates.



Spring-loaded Counterbalanced Lid



This is L&L's classic production kiln. Also great for Universities and high volume High School programs.



Model No.	Kiln Price	Power Bottom	High Power	Furn Kit	Quad Elem	Shelves in Furn Kit	Post Kits	Inside W x D	Inside Cubic Height Feet	External Dimensions	Stand KW	High KW	240/1 Fuse	240/3 Fuse	208/1 Fuse	208/3 Fuse	Lbs Kiln	Lbs w/Kit
XB2318-D	\$4575	n/a	n/a	\$365	\$250	(4) 20" x 10"	(1)	22" Square	18"	5.0 40W x 32H x 42D	8.9	n/a	50	40	60	50	600	650
X2327-D	\$5045	n/a	\$35	\$460	\$350	(6) 20" x 10"	(1)	22" Square	27"	8.1 40W x 41H x 42D	11.7	13.4	60	40	70	40	700	765
X2336-D	\$5725	n/a	\$70	\$705	\$465	(8) 20" x 10"	(2)	22" Square	36"	10.8 40W x 50H x 42D	15.6	17.9	80	60	90	60	775	870
X2345-D	\$6345	n/a	\$95	\$795	\$575	(10) 20" x 10"	(2)	22" Square	45"	13.5 40W x 59H x 42D	19.5	22.3	100	40	125	80	875	985
XB2818-D	\$5400	\$725	n/a	\$400	\$275	(4) 23" x 11-1/2"	(1)	26-1/2" Square	18"	7.8 45W x 32H x 43D	11.6	n/a	60	60	70	60	725	795
X2827-D	\$6475	\$725	\$60	\$515	\$400	(6) 23" x 11-1/2"	(1)	26-1/2" Square	27"	11.7 45W x 41H x 43D	14.9	17.4	80	50	90	60	835	935
X2836-D	\$7250	\$725	\$95	\$795	\$525	(8) 23" x 11-1/2"	(2)	26-1/2" Square	36"	15.6 45W x 50H x 43D	19.9	23.2	100	70	125	80	935	1075
X2845-D	\$8000	\$725	\$120	\$915	\$675	(10) 23" x 11-1/2"	(2)	26-1/2" Square	45"	19.5 45W x 59H x 43D	24.9	29.0	125	90	150	100	1050	1220
XB3218-D	\$6150	\$875	n/a	\$480	\$325	(4) 28" x 14"	(1)	30-1/2" Square	18"	10.0 49W x 32H x 49D	14.2	n/a	80	70	90	80	880	985
X3227-D	\$7225	\$875	\$115	\$635	\$500	(6) 28" x 14"	(1)	30-1/2" Square	27"	15.0 49W x 41H x 49D	18.0	21.3	100	60	125	70	1000	1150
X3236-D	\$8195	\$875	\$135	\$940	\$675	(8) 28" x 14"	(2)	30-1/2" Square	36"	20.0 49W x 50H x 49D	24.4	28.4	125	80	150	100	1135	1340
X3245-D	\$9100	\$875	\$180	\$1100	\$825	(10) 28" x 14"	(2)	30-1/2" Square	45"	25.0 49W x 59H x 49D	30.5	35.5	175	125	200	125	1275	1525
TB2318-D	\$6085	\$1000	n/a	\$495	\$325	(6) 22" x 11"	(1)	26-1/2" x 34-3/4"	18"	9.7 54W x 32H x 43D	15.3	n/a	80	70	100	80	900	995
T2327-D	\$7125	\$1000	\$115	\$665	\$500	(9) 22" x 11"	(1)	26-1/2" x 34-3/4"	27"	14.6 54W x 41H x 43D	19.5	23.0	100	60	125	70	1035	1175
T2336-D	\$7850	\$1000	\$135	\$995	\$675	(12) 22" x 11"	(2)	26-1/2" x 34-3/4"	36"	19.4 54W x 50H x 43D	26.0	30.7	125	90	150	100	1165	1355
T2345-D	\$8850	\$1000	\$180	\$1155	\$825	(15) 22" x 11"	(2)	26-1/2" x 34-3/4"	45"	24.3 54W x 59H x 43D	32.5	38.4	175	125	200	125	1300	1530
TB3418-D	\$6575	\$1175	n/a	\$765	\$400	(6) 28" x 14"	(2)	30-1/2" x 43-1/2"	18"	13.8 62W x 32H x 49D	19.9	n/a	100	90	125	100	1065	1225
T3427-D	\$7695	\$1175	\$135	\$1015	\$600	(9) 28" x 14"	(2)	30-1/2" x 43-1/2"	27"	20.7 62W x 41H x 49D	24.9	36.5	125	80	150	90	1225	1455
T3436-D	\$8915	\$1175	\$180	\$1245	\$800	(12) 28" x 14"	(2)	30-1/2" x 43-1/2"	36"	27.6 62W x 50H x 49D	33.3	39.9	175	125	200	125	1475	1775
T3445-D	\$10,425	\$1175	\$205	\$1695	\$1000	(15) 28" x 14"	(3)	30-1/2" x 43-1/2"	45"	34.5 62W x 59H x 49D	41.6	49.8	200	150	225	175	1675	2050

Furniture Kit: Includes the shelves listed above plus the one to three Large Square Post Kits (as indicated above), insulated gloves for unloading, and 5 lbs of Cone 10 kiln wash.

More: See various DaVinci specification sheets at hotkilns.com/spec-davinci for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. Direct wired. For controls see hotkilns.com/dynatrol and hotkilns.com/zone-control.

DAVINICI OPTIONS

Voltage & Element Options

240 or 208, 1 phase or 3 phase are all standard options. KW does not change **No charge**
 220 volts single phase or 380 volts Wye or Delta (for non-USA installations) **No charge**
 480 volts/3 phase (sections are hard wired to power box with SO cord) (needs NEMA1 panel for MET-us listing)..... **\$650**
NEMA 1 Control box (MET-us listed with this extra option for 480 volts)..... **\$650**
Quad Element System (watts & amps do not change - there are two doubled elements in four rows instead of the normal three) **See grid**

High Power Option

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

Control Options

High Limit Back Up Digital Control (latching relay back up control system) **\$550**
Back Up Contactors (actuated by the High Limit Back Up Digital Control) **\$450**
Orton Kiln Sitter to backup to auto control.. **\$650**
120 volt power supply with noise filter..... **\$185**
Pyrocil metallic type K TCs..... **No charge**
Type S platinum thermocouples..... **\$185 each** (2 required for 18" kilns, 3 required for all other models)
KISS Computer Software to monitor control with USB Connector..... **\$575**

BELL-LIFT OPTION

hotkilns.com/davinci-bell-lift-kilns



Bell-Lift Option for X3200 or T3400

Available on any X3200 series or T3400 series. Includes hand operate winch. Safety Latches are included. Specification sheet: hotkilns.com/spec-bell-lift

Bell-Lift Option **\$4675**
Motorized Winch (instead of hand winch) ... **\$800**

JUMBO 100 CU FT BELL-LIFT KILN

hotkilns.com/jumbo-bell-lift-kilns



Not UL499 listed

Model TB644754

100 cubic feet (66" Wide x 47" Deep x 54" High) Motorized winch is included. Safety Latches are included. Available with wheeled cars. Available in other sizes. Specification sheet: hotkilns.com/spec-jumbo-bell-lift

Price..... by special quote

ERGO-LIFT KILNS

hotkilns.com/ergo-lift-kilns

Another Great Solution for Easy Kiln Loading

Ergo-Lift kilns are designed to provide you with easy and ergonomic loading while providing the advantages of a top loading kiln like ease of maintenance, easier moving of the kiln and protection from the hot case. They are based on L&L's proven DaVinci square and rectangular kiln line. They include hard element holders, protected thermocouples, three zone control, a hand operated brake winch and safety latches.

Electric winch **\$800**

Model Number	Cubic Feet	Inside Height	Inside Cross-section	Price
X2327-EG	8.1	27"	22" Square	\$600
X2336-EG	10.8	36"	22" Square	\$600
X2827-EG	11.7	27"	28" Square	\$650
X2836-EG	15.6	36"	28" Square	\$650
X3227-EG	15.0	27"	30-1/2" Square	\$700
X3236-EG	20.0	36"	30-1/2" Square	\$700
T2327-EG	14.6	27"	26-1/2" X 34-3/4" Rect	\$1000
T2336-EG	19.4	36"	26-1/2" X 34-3/4" Rect	\$1000
T3427-EG	20.7	27"	30-1/2" X 43-1/2" Rect	\$1200
T3436-EG	27.6	36"	30-1/2" X 43-1/2" Rect	\$1200

Prices above get added to the DaVinci Model Number



LIBERTY-BELL HOBBY POTTER KILNS

hotkilns.com/liberty-belle-hobby-kilns

Standard Features

- ❑ Proprietary One-Touch™ Intuitive Kiln Control is designed for busy school teachers - One touch and you are ready to fire the bisque and glaze programs. (It is also easy to adjust simple parameters like cone, delay, hold, heat-up and cool-down rates). You can even create four custom ramp/hold programs.
- ❑ 12 foot long cord with Nema 14-30 dryer type plug



hotkilns.com/one-touch-intuitive-kiln-control

- ❑ Cone 10
- ❑ Hard ceramic element holders
- ❑ Full support 14 gauge aluminized steel stand
- ❑ Solid peephole plugs with full 1" view (not tapered)
- ❑ Proprietary reflective brick coating that protects brick and minimizes dusting
- ❑ c-MET-us listed to UL499 standards
- ❑ Three-year Limited Warranty
- ❑ Packed in a skidded box protected with foam-in-place

Voltage & Element Options

240, 220 or 208 single phase are all standard options at No charge. 3 phase is not available.

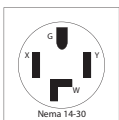
Quad Element System (watts & amps do not change - elements doubled & more massive with Quad system)See grid

Control Options

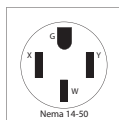
Pyrocl metallic thermocouple instead of 8 ga TC ... No charge

Plug & Cord Options

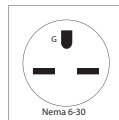
1. Standard Nema 12 foot long 14-30 plug can be changed by customer to Nema 14-50 (hardware is included to do this).
2. A 12 foot Nema 6-30 plug, Nema 15-50 or 6-50, Nema 10-30 or NEMA 10-50 plug is available for prices below.
3. A 6 foot long 6-50 plug is available at No charge.
4. All these plugs can be easily changed in the field if necessary.



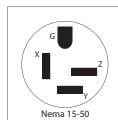
Standard



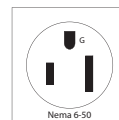
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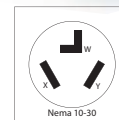
No charge



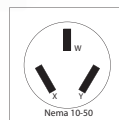
\$65



\$65



\$65



\$65



The perfect hobby kiln and great for people who need to stay portable. The 12 foot cord plugs into your dryer outlet!



Model No.	Kiln Price	Furn Kit	Quad Elem	No. of Shelves F=full, H=half	Brick Thick	Inside Diam	Inside Height	Cubic Feet	Exterior Dimensions	240V KW-Amp-Fuse	208V KW-Amp-Fuse	Ship Lbs	Lbs w/Kit
LB18	\$1600	\$220	\$175	15-1/2" (1F, 4H)	2-1/2"	17-1/2"	18"	2.6	29W x 31H x 30D	5.7~23.9~30	5.0~23.9~30	200	240
LB18-3	\$1650	\$220	\$175	15" (1F, 4H)	3"	16-1/2"	18"	2.5	29W x 32H x 30D	5.7~23.9~30	5.0~23.9~30	215	250

Furniture Kit: Includes four each of 1", 2", 4" and 6" triangular posts plus one pound of Cone 10 kiln wash. You can substitute two half shelves for one full shelf at No charge.

More: See hotkilns.com/spec-liberty-belle for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. Also see hotkilns.com/Spec-One-Touch for more information about the One-Touch™ control.

DOLL / TEST KILNS

hotkilns.com/dolltest-kilns

Dimensions

Cubic Feet: 0.5 **Inside Diameter:** 11" **Inside Height:** 9" **Outside Width:** 19" **Outside Depth:** 23"

Standard Features of Doll Kiln with the One-Touch™ Intuitive Control

- Proprietary One-Touch™ Intuitive Kiln Control is designed for busy school teachers - One touch and you are ready to fire the bisque and glaze programs. (It is also easy to adjust simple parameters like cone, delay, hold, heat-up and cool-down rates). You can even create four custom ramp/hold programs.
- 120 volt operation (for all but the "DX" versions)
- Hard ceramic element holders
- Type K 8 gauge thermocouple with ceramic protection tube
- Full support 14 gauge aluminized steel stand
- Solid peephole plugs with full 1" view (not tapered)
- Proprietary reflective brick coating that protects brick and minimizes dusting
- Three-year Limited Warranty
- Packed in a skidded box protected with foam-in-place

Standard Features of Doll Kiln with 24-Key DynaTrol Program Control

- Same kiln except it has the 24-Key DynaTrol (single zone version).



Perfection in a small package.

Not UL499 listed

Model No.	Kiln Price	Furn Kit	Temperature Control	Cone Rating	Watts	Amps	Volts	Fuse	Plug	Lbs Kiln	Lbs w/Kit
DL11-DB	\$1095	\$155	One-Touch™ Control	5	1800	15	120	20	5-15R	110	130
DLH11-DB	\$1095	\$155	One-Touch™ Control	10	2160	18	120	25	5-20R	110	130
DLH11-DXB-240	\$1095	\$155	One-Touch™ Control	10	2800	11.7	240	15	14-30R	110	130
DLH11-DXB-208	\$1095	\$155	One-Touch™ Control	10	2800	13.5	208	20	14-30R	110	130
DL11-D	\$1225	\$155	24-Key DynaTrol Control	5	1800	15	120	20	5-15R	110	130
DLH11-D	\$1225	\$155	24-Key DynaTrol Control	10	2160	18	120	25	5-20R	110	130
DLH11-DX	\$1225	\$155	24-Key DynaTrol Control	10	2800	11.7	240	15	14-30R	110	130
DLH11-DX	\$1225	\$155	24-Key DynaTrol Control	10	2800	13.5	208	20	14-30R	110	130

Furniture Kit: Includes two 9" diameter full shelves, one 9" diameter half shelf, four each of 1/2", 1", 1-1/2", 2", 2-1/2", 3" and 4" triangular posts plus one pound of Cone 10 kiln wash. You can substitute two half shelves for one full shelf at No charge.

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

NOTE: The 240 or 208 volt versions are highly recommended for high fire applications.

CORONA FRONT-LOADING PMC & GLASS KILNS

hotkilns.com/corona-glass-pmc-kilns

Features

Temperature Rating: 1100°C, 2012°F • Front loading with horizontal plug door hinged on left • Quartz window is 2-1/2" (6.4 cm) wide by x 1" (2.5 cm) high • Vent hole in top • Base with control is integrated into the kiln. Powder-coated precision sheet metal. All controls and components are mounted in a control panel that slides into the ventilated case assembly. An air space keeps controls cool. The control box can be easily removed for servicing. An On/Off switch and control fuse are included. Rubber feet are included. • 1-1/2" (3.8 cm) molded ceramic fiber with a 3/4" (1.9 cm) air space between the case and the insulation module. Door has an insulating plug that insets into the muffle opening • Side elements molded into the ceramic fiber insulation module • Orton Autofire Express Program Control with five PMC (Precious Metal Clay programs, 3 ACS (Art Clay) programs and 12 Custom Programs each with 8 segments. Each program has 8 segments with a ramp, soak and set point for each segment • Type K 14 gauge thermocouple • One year limited warranty



Not UL499 Listed

Specifications

Heat up time with no load: 15 minutes to 1600°F. 30 minutes to 1900°F.

Inside Dimensions: 7-3/4" (19.7 cm) wide by 8-1/4" (20.9 cm) deep by 5-3/4" (14.6 cm) high

Outside Dimensions: 13" (33 cm) Wide by 14" (35.6 cm) Deep by 14-3/4" (37.5 cm) High

Shipping Dimensions: 16" (40.6 cm) Wide by 16" (40.6 cm) Deep by 19" (48.3 cm) High

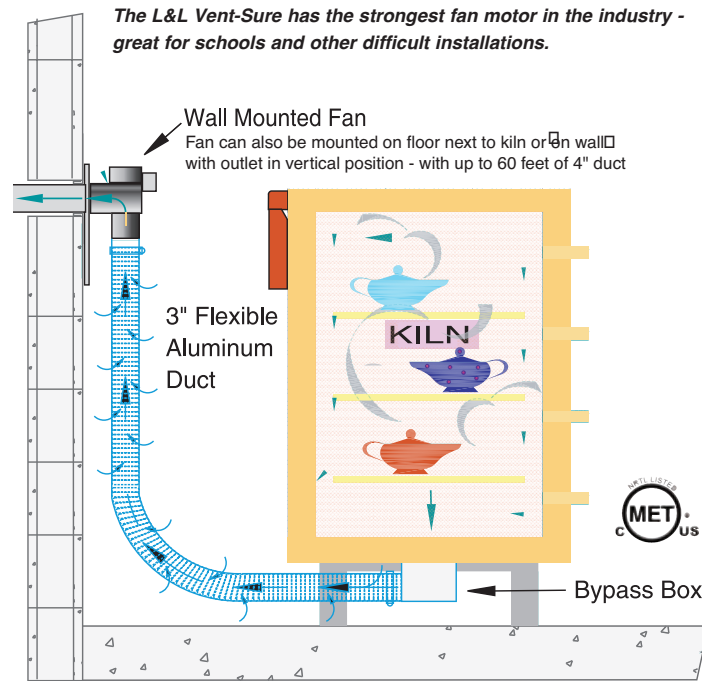
Kiln Weight: 30 lbs (13.6 Kg), **Shipping Weight:** 35 lbs (15.9 Kg)

Electrical Specifications: 12 amps, 120 volts, 1440 watts, 6 foot cord with a 15 amp 5-15P plug (220-240 volt version available for no extra charge)

Price:\$815

VENT-SURE DOWNDRAFT KILN VENT SYSTEM

hotkilns.com/vent-sure



Standard Features

- 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
- 120 volts with on/off switch on cord
- 15 foot long flexible aluminum duct
- Bypass collection box mounted on kiln allows adjustment of venting. Note that, because of the air restrictions, the vent doesn't actually pull that much air out of the kiln - just enough
- The strong fan motor helps overcome static pressure in long exhaust lines
- Fan motor stays cool and there is no vibration transmitted to the kiln
- Three-year Limited Warranty
- c-MET-us Listed to UL499 standards for use on c-MET-us L&L Kilns (Easy-fire, School-Master, Jupiter, Davinci, Ergo-Lift). MET-us Listed to UL499 standards on Hercules, and Easy-Load kilns.

More information?

- Specifications: See hotkilns.com/spec-vent-sure
- Instructions: See hotkilns.com/vent-sure-instructions

Vent-Sure Super-Safe Downdraft Kiln Vent System

Vent-Sure Downdraft Kiln Vent System	\$440
(220-240 volt model available at no charge)	
Vent Doubler (includes all the parts necessary to vent two kilns (up to 10 cubic feet each) with one vent	\$140
Multi-position Mounting Bracket for mounting motor on floor or in vertical position on wall	\$25

EXCLUSIVE DYNA-GLOW HARD CERAMIC ELEMENT HOLDERS

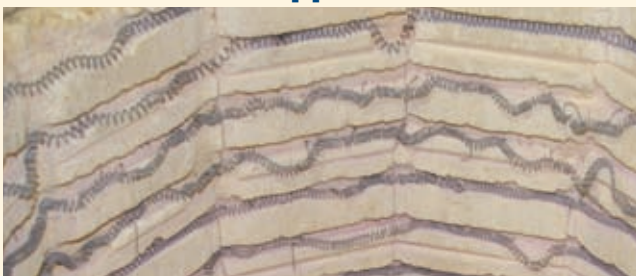
hotkilns.com/element-holders

Hard Ceramic Element Holders are the Key to L&L's Durability

The smooth, hard surface of the inside ceramic channel allows the elements to expand and contract freely, unrestricted by pins. This prevents catastrophic element failure. Elements don't droop out of broken firebrick channels. The dense ceramic DynaGlow holders also extend element life because they do not insulate the hot elements from the kiln interior. The entire surface of the ceramic holders glow with radiant heat, promoting uniform kiln temperatures.



Don't Let This Happen To You ▼



There is a Better Way ▼



SUPERIOR KILN FURNITURE

hotkilns.com/furniture-kits

Round & Polygonal Shelves

Shelves for 11" Diameter Kilns

For Doll/Test Kilns

Full Round 9" diameter shelf (7/16" thick) (H-D-9000/00)	\$27
Half Round 9" diameter shelf (7/16" thick) (H-D-9050/00)	\$16

Shelves for 14" Diameter Kilns

For J14 Kilns

Full Round 13" diameter (1/2" thick) (H-J-1300/00)	\$32
Half Round 13" diameter (1/2" thick) (H-J-1350/00)	\$19

Shelves for 16-1/2" Diameter Kilns

For LB18-3, e18S-3 & e18T-3, and J18-3 kilns with 3" brick

Full Round 15" diameter (5/8" thick) (H-J-150A/00)	\$39
Half Round 15" diameter (5/8" thick) (H-J-155A/00)	\$23

Shelves for 17-1/2" Diameter Kilns

For LB18, e18S & T, and J18 kilns with 2-1/2" brick

Full Octagonal 15-1/2" diameter (5/8" thick) (H-J-1500/00)	\$39
Half Octagonal 15-1/2" diameter (5/8" thick) (H-J-1550/00)	\$23

Shelves for 22" Diameter Kilns

For e23S-3, e23T-3, SM23T-3, & J2300-3 kilns with 3" brick

Full Round 20" diameter (3/4" thick) (H-J-2000/00)	\$76
Half Round 20" diameter (3/4" thick) (H-J-2050/00)	\$38

Shelves for 23" Diameter Kilns

For e23S, e23T, SM23T & J2300 kilns with 2-1/2" brick

Full Round 21" diameter (3/4" thick) (H-J-2100/00)	\$77
Half Round 21" diameter (3/4" thick) (H-J-2150/00)	\$39

Shelves for 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)	\$65
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Kiln Posts

POST KITS

Large Square Post Kit (C-G-SPKT/EZ)	\$150
(Six each 1/2", 1", 2", 4", 6" & 8" square posts)	

Small Square Post Kit (C-G-SPKT/SM)	\$99
(Four each 1/2", 1", 2", 4", 6" & 8" square posts)	

Doll-Baby Post Kit (C-G-TPKT/DB)	\$62
(Four each of 1/2", 1", 1-1/2", 2", 2-1/2", 3" and 4" triangular posts)	

Liberty-Belle Post Kit (C-G-TPKT/LB)	\$42
(Four each 1", 2", 4" & 6" triangular posts)	

Large Triangular Post Kit (C-G-TPKT/01)	\$121
(Six each 1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 5" & 6" triangular posts)	

Small Triangular Post Kit (C-G-TPKT/00)	\$66
(Four each 1", 2", 3", 4", 5" & 6" triangular posts)	

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. If so a skid/carton charge of \$40 will apply.

L&L sells the highest grade ceramic extruded posts. They are very straight (even in lengths up to 12" long), precision cut for squareness, and are strong without being excessively thick.

Square & Rectangular Shelves

Shelves for 17" Square Kilns

For SQ1818, SQ1827, X1800 Series, EL1824, EL3648

8" x 16" rectangular (5/8" thick) (H-S-1608/00)	\$34
16" x 16" square (3/4" thick) (H-S-1616/00)	\$64

Shelves for 22" Square Kilns

For X2300 Series

20" x 10" rectangular (5/8" thick) (H-X-2010/00)	\$46
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Shelves for 26" Square Kilns

For X2800 Series and X2800-XT Series kilns

23" x 11-1/2" rectangular (3/4" thick) (H-X-2311/00)	\$58
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Shelves for 26" x 35" Rectangular Kilns and 24" square Front-Loaders

For T2300 Series, T2300-XT Series, EL2424-H, EL2427-H, EL2436 & EL2448

22" x 11" rectangular (3/4" thick) (H-X-2211/00)	\$54
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Shelves for 30" x 28" Front Loader Kilns

For EL2848

24" x 14" rectangular (3/4" thick) (H-J-2414/00)	\$68
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Shelves for 30" Square, & 30" x 43" Rectangular Kilns

For X3200 Series, T3400 Series & EL3048

28" x 14" rectangular (3/4" thick) (H-J-2814/00)	\$74
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SHELF MATERIAL AND RATING: All shelves that are 15" in diameter and above are made of a press-molded (not cast) high alumina cordierite body that holds up to Cone 11 firing with little warping. This is particularly important for these larger shelves.

TRIANGULAR POSTS (1" Triangular)

1/2"	Triangular Post (C-G-T005/00)	\$1.90
1"	Triangular Post (C-G-T010/00)	\$1.95
1-1/2"	Triangular Post (C-G-T015/00)	\$2.00
2"	Triangular Post (C-G-T020/00)	\$2.20
2-1/2"	Triangular Post (C-G-T025/00)	\$2.25
3"	Triangular Post (C-G-T030/00)	\$2.40
4"	Triangular Post (C-G-T040/00)	\$2.85
5"	Triangular Post (C-G-T050/00)	\$3.20
6"	Triangular Post (C-G-T060/00)	\$3.85
7"	Triangular Post (C-G-T070/00)	\$4.50
8"	Triangular Post (C-G-T080/00)	\$4.80
10"	Triangular Post (C-G-T100/00)	\$5.85
12"	Triangular Post (C-G-T120/00)	\$6.40

SQUARE POSTS (1-1/2" Square)

1/2"	Square Post (C-G-S005/00)	\$2.45
1"	Square Post (C-G-S010/00)	\$3.20
2"	Square Post (C-G-S020/00)	\$3.80
4"	Square Post (C-G-S040/00)	\$4.15
6"	Square Post (C-G-S060/00)	\$5.20
8"	Square Post (C-G-S080/00)	\$6.20
10"	Square Post (C-G-S100/00)	\$7.85
12"	Square Post (C-G-S120/00)	\$9.55

More Information and Support at hotkilns.Com

Prices in this catalog are subject to change without notice. Prices are always current on our web site. Find complete specifications, support videos, photos, parts, PDF Library, and thousands of pages of knowledgebase information easily using our sophisticated search feature.

Customer-Focused for Over 65 Years

These four principles have guided our family-owned company for 65 years and have forged a strong bond with our community of customers:

1. Design durable products that anyone can maintain.
2. Serve our customers with creative choices.
3. Provide responsive and experienced support.
4. Continuously innovate to improve our products.

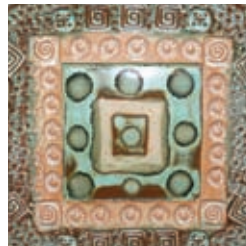


Here's What L&L Customers Say:



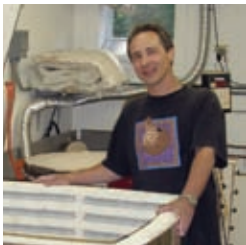
Bill Campbell

"I make a living out of my five L&L kilns. I really beat them up, firing them at least three times a week to Cone 10. They take a real beating and keep on going."



Diane Emerson

"I switched to L&L because of the deterioration of the element channels in my last kiln. I load larger tiles and I need the extra durability on the face of the firebrick."



Frank Giorgini

"My original L&L (J2927) has provided outstanding service and reliability through the firing of countless pots, tiles, udu drums, sculptures and two New York City MTA Subway projects. It's still in service right next to my new DaVinci kiln."



Toll Free: 800-750-8350

Kilns Built To Last

L&L Kiln Mfg, Inc.

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