

Easy-Load

Front-Loading Kilns

Front-Loading Studio Kilns • Cone 10 • 3" Brick plus 2" Mineral Wool

FEATURES

Temperature Rating: Cone 10, 2350°F, 1290°C

Loading: Front-loading.

Construction: Solid steel case with integrated welded stand. Feet include anchor points and leveling bolts.

Door: Heavy-duty door hinges to the left (special option allows it to be hinged on the right). Door opens all the way so that the door opening is completely unobstructed.

Door Plug & Gasket: Brick door has an inset plug and fiberglass tadpole gasket around door for tightness.

Insulation: 3" K23 firebrick with 2" mineral wool back up.

Roof Arch: Full arch for strength.

Brick Coating: Proprietary brick coating included.

Peephole Plugs: Solid ceramic plugs. One peephole per zone.

Element Holders: Hard ceramic element holders protect brick.

Elements: Heavy-duty. Elements evenly divided into 3 zones (except EL2424 which has two zones). Elements are located in the door for even heating.

Control Panel: Separate panel is mounted on the right side. 50 amp mechanical contactors with control relays. Branch fusing included. The control panel is hinged for easy access and is made of aluminized steel. An On/Off switch and control fuse are included. Direct electrical hook-up to terminal block.

Control: DynaTrol with 4 Easy-Fire programs, 6 Vary-Fire programs, Pre-Heat, Delay, Program & Segment Review, and Diagnostics.

Zone Control: Three zone control for even heating is included. (Two zone on EL2424).

Door Shut Off Switch: Shuts power off when door is opened.

Thermocouples: Type K 8 gauge with ceramic protection tubes.

Warranty: Limited 3 year warranty. (See hotkilns.com/warranty.pdf).

UL Listing: MET-us listed to UL499 standard.

Note: These kilns are available from the factory only.

OPTIONS

Furniture Kits: See Dimension & Hearth Specifications.

Thermocouple Options: Type S platinum thermocouples (see hotkilns.com/tcs.pdf) or 1/4" diameter pyrocl metallic sheathed thermocouples (see hotkilns.com/tc-metallic.pdf).

Vent System: Vent-Sure downdraft vent (see hotkilns.com/vent.pdf)



Model EL3048



Model EL2448

Easy-Load Front-Loading Kilns



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L&L Kiln's patented hard ceramic element holders protect your kiln.

Bulletin No: Spec-Renaissance-5-08b

DIMENSION, WEIGHT & FURNITURE KIT SPECIFICATIONS

Model Number	Inside Dimensions	Cubic Feet	Hearth Dimensions	Furniture Kit	Outside Dimensions	Shipping Dimensions	Ship Weight Kiln (lbs)
EL2424	24" W x 24" D x 24" H	8	22" x 22"	(6) 11" x 22" shelves, 1 post kit	50" W x 46" D x 63" H	56" W x 52" D x 73" H	1550 lbs
EL2436	24" W x 24" D x 36" H	12	22" x 22"	(8) 11" x 22" shelves, 2 post kits	50" W x 46" D x 75" H	56" W x 52" D x 85" H	1700 lbs
EL2448	24" W x 24" D x 48" H	16	22" x 22"	(10) 11" x 22" shelves, 2 post kits	50" W x 46" D x 75" H	56" W x 52" D x 85" H	1800 lbs
EL2848	30" W x 24" D x 48" H	20	28" x 22"	(12) 14" x 24" shelves, 2 post kits	56" W x 46" D x 75" H	62" W x 52" D x 85" H	2000 lbs
EL3048	30" W x 30" D x 48" H	25	28" x 28"	(12) 14" x 28" shelves, 2 post kits	56" W x 52" D x 75" H	62" W x 58" D x 85" H	2200 lbs

Hearth Height: Approximately 30" for EL2424 and EL2436 and 18" for all other models

Moving and installation: The EL2424 and EL2436 will go through a standard 34-1/2" door that is at least 76" high. The EL2448 and EL2848 will go through a door that is 34-1/2" wide by 86" high. The EL3048 will go through a door that is 40-1/2" wide by 86" high. The kiln must be moved on a flat surface. The case is designed to be picked up by a forklift or pallet jack from the front or back.

Furniture/Shelves Kit: Furniture kit includes the shelves mentioned above. One post kit includes six each 1/2", 1", 2" 4", 6" and 8" high 1-1/2" square corderite posts. Furniture kit includes dark viewing glasses, heat-resistant gloves and 5 pounds of cone 10 kiln wash.

General Dimension Drawings: See hotkilns.com/easy-load.html

ELECTRICAL SPECIFICATIONS

Model Number	Part Number	Volt/Phase	Watts	Amps	Wire Size	Fuse Size
EL2424-240	K-B-2424/31	240/1P	15,000	63.0	3 ga	80 Amps
EL2424-240-3P	K-B-2424/32	240/3P	15,000	55.0	4 ga	70 Amps
EL2424-208	K-B-2424/21	208/1P	15,000	73.0	2 ga	90 Amps
EL2424-208-3P	K-B-2424/22	208/3P	15,000	63.0	3 ga	80 Amps
EL2424-480-3P	K-B-2424/62	480/3P	15,000	28.0	8 ga	40 Amps
EL2436-240	K-B-2436/31	240/1P	19,000	80.0	1 ga	100 Amps
EL2436-240-3P	K-B-2436/32	240/3P	19,000	46.0	6 ga	60 Amps
EL2436-208	K-B-2436/21	208/1P	19,000	92.0	1/0	125 Amps
EL2436-208-3P	K-B-2436/22	208/3P	19,000	53.0	4 ga	70 Amps
EL2436-480-3P	K-B-2436/62	480/3P	19,000	24.0	10 ga	30 Amps
EL2448-240	K-B-2448/31	240/1P	24,200	101.0	1/0	125 Amps
EL2448-240-3P	K-B-2448/32	240/3P	24,200	59.0	3 ga	80 Amps
EL2448-208	K-B-2448/21	208/1P	24,200	117.0	2/0	90 Amps
EL2448-208-3P	K-B-2448/22	208/3P	24,200	68.0	2 ga	90 Amps
EL2448-480-3P	K-B-2448/62	480/3P	24,200	30.0	8 ga	40 Amps
EL2848-240	K-B-2848/31	240/1P	27,000	113.0	2/0	150 Amps
EL2848-240-3P	K-B-2848/32	240/3P	27,000	66.0	2 ga	90 Amps
EL2848-208	K-B-2848/21	208/1P	27,000	130.0	4/0	175 Amps
EL2848-208-3P	K-B-2848/22	208/3P	27,000	75.0	1 ga	100 Amps
EL2848-480-3P	K-B-2848/62	480/3P	27,000	33.0	6 ga	50 Amps
EL3048-240	K-B-3048/31	240/1P	31,500	132.0	4/0	175 Amps
EL3048-240-3P	K-B-3048/32	240/3P	31,500	76.0	1 ga	100 Amps
EL3048-208	K-B-3048/21	208/1P	31,500	152.0	250 MCM	200 Amps
EL3048-208-3P	K-B-3048/22	208/3P	31,500	63.0	3 ga	80 Amps
EL3048-480-3P	K-B-3048/62	480/3P	31,500	39.0	6 ga	50 Amps

UL Listing: All models are MET-us listed to UL499 standard.

Power connection: All models are a direct connection to a terminal block in the control panel.