

# Fuego USA Craft Kilns

This is the perfect kiln for use a 240 volt 20 amp circuit (25 amps for 208 volt version)

- 18" (45.7 cm) High  
13.5" (34.3 cm) Diameter  
1.5 Cubic Feet (43 Liters)
- Hard Ceramic Element Holders protect brick and make element changes fast and easy
- Made for home use on 20 Amp, 240 Volt circuits in the USA (or 208 volts with a 25 amp circuit)
- One-Touch Control for Simplicity
- Protected Thermocouple
- Super-Strong Aluminized Steel Stand
- Extra Vent Hole in lid for manual venting
- For Hobbyists and Small Format Potters



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**KILNS BUILT TO LAST**

Bulletin No: FGUSA-0121

## Unique L&L Features with Lasting Benefits

### CONE 10 TEMPERATURE RATING

Cone 10, 2350°F, 1290°C.

### 3" FIREBRICK INSULATION

3" (7.6 cm) firebrick

### PATENTED CERAMIC ELEMENT HOLDERS

Protect brick from loading damage, keep elements from falling out of grooves, make changing elements easy, and optimize heat transfer to load. Kiln lasts longer! No pins. ([hotkilns.com/ceramic-holders](http://hotkilns.com/ceramic-holders))



### BRICK COATING FOR DURABILITY

Proprietary reflective brick coating. This helps firebrick stay strong on the surface, helps prevent dusting on your work, and keeps the kiln clean inside. ([hotkilns.com/reflective-coating](http://hotkilns.com/reflective-coating))

### HEAVY-DUTY LARGE ELEMENTS

Four heavy-duty elements.

### EXTRA CASE CLAMPS

Stainless worm gear case clamps keep case together and allow for adjustment over time. Three per 9" section and two on the top and bottom. ([hotkilns.com/case-clamps](http://hotkilns.com/case-clamps))

### STAINLESS STEEL HINGE

Chains secure the lid in place when open. ([hotkilns.com/simple-hinge](http://hotkilns.com/simple-hinge))

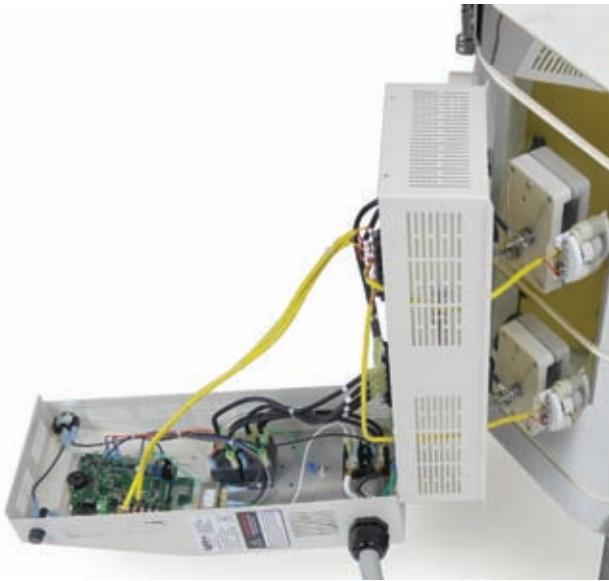


### SEPARATED COOL-FIRING CONTROL PANEL

All controls and components are mounted in a separate control panel that is piggy-backed to the element connection box. In addition a layer of insulation keeps the controls cool - which is critical for long term health of the electronics.

The control panel and element box are hinged for easy access and maintenance. The control box can be easily removed for servicing. On/off switch and control fuse are included.

([hotkilns.com/easy-fire-panel](http://hotkilns.com/easy-fire-panel))



**EASY ASSEMBLY WITH SECTIONAL CONSTRUCTION**

Two 9" high sections for a total height of 18". Kiln comes assembled but can easily be taken apart for moving. Stainless steel wrapped around brick with 3 adjustable clamps. All corrosion resistant stainless screws are used in the case construction.  
(hotkilns.com/sectional-craft)

**CORROSION RESISTANT CONSTRUCTION**

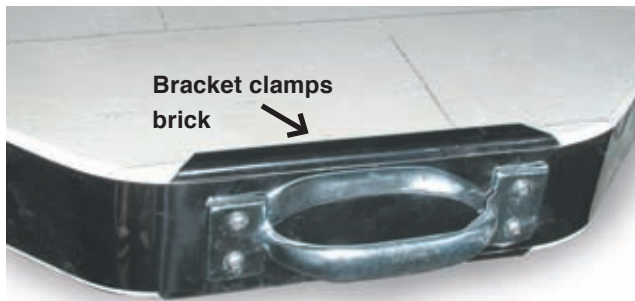
Stainless steel wrapped around brick. All stainless screws on case. Stand is galvanized. Hinge is stainless steel. Control box is powder coated steel.  
(hotkilns.com/case)

**SOLID PEEPHOLE PLUGS**

Solid (non-fragile) ceramic plug with heat-locked mushroom head. 1" diameter full-view non-tapered. There are two in the kiln body and one in the center of the lid for venting  
(hotkilns.com/peephole-plugs)

**LID BRICK IS SECURED WITH CLIPS**

Stainless Steel clips secure lids - not friction.  
(hotkilns.com/lid-clips)



**HEAVY-DUTY FULL-SUPPORT STAND**

Heavy-duty 14 gauge solid stand with multiple bends for strength. Bolt on legs. Feet protectors included. Optional Vent Bypass Collection Box bolts onto bottom of stand with included studs.  
(hotkilns.com/full-stand)



**ONE-TOUCH PROGRAM**

Control: One-Touch™ Intuitive Kiln Control easily fires bisque and glaze programs. It is also easy to adjust simple parameters like cone, delay, hold, heat-up and cool-down rates. There are also four custom ramp/hold programs with 8 segments each.  
(hotkilns.com/one-touch)



### CERAMIC ELEMENT CONNECTIONS

Proprietary all-ceramic element connection block makes changing elements easy.  
([hotkilns.com/ceramic-terminal](http://hotkilns.com/ceramic-terminal))



### HEAVY-GAUGE TYPE K THERMOCOUPLE

Type K 8 gauge thermocouple is protected by an open ceramic protection tube. This allows the thermocouple to accurately read the kiln temperature but protects the delicate tip of the thermocouple from damage while loading. Also any metallic flakes from the thermocouple will tend to drop inside the tube where they can be vacuumed out during normal maintenance.  
([hotkilns.com/protected-thermocouples](http://hotkilns.com/protected-thermocouples))



### MERCURY FREE RELAYS

Mercury free relays are standard.

### POWER CORD & PLUG INCLUDED

See page 7 for details.

### COMPLETE VISUAL INSTRUCTIONS

No one has a better or more complete instruction manual. Our visual instructions address the needs of the artist, the installer, and the repair person. You get a fully illustrated operation and service manual. Many instructional videos are available.  
([hotkilns.com/videos](http://hotkilns.com/videos))

### 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.

### THREE-YEAR LIMITED WARRANTY

See [hotkilns.com/warranty](http://hotkilns.com/warranty). Email, web and phone support.

### IN-DEPTH SUPPORT

One customer said: "I am truly impressed with your website, it is more than informative and your products are well designed. The fact that all the information, including repair manuals, are listed, speaks well of your dedication to customer service." Our website has thousands of pages of technical help - all easily searchable - plus we provide expert support with phone and email.

### SUSTAINABLE MANUFACTURING

We use solar energy as our primary energy source.

### SUPERIOR PACKAGING

Kilns are securely packed with tubes of foam molded to the kiln. Kilns are shipped in skidded cartons.

### MET UL499 LISTING



c-MET-us listed to UL499 standards assures highest safety standards.  
([hotkilns.com/met](http://hotkilns.com/met))



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

Stop worrying about loading your kiln! Load with confidence.

You won't damage the fragile firebrick, touch dangling elements, or damage the protected thermocouples.

## Accessories

### CONE 11 FURNITURE KIT

Three 12" (30.5 cm) full round shelf, Triangular Ceramic Posts (1" / 2.5 cm on each side): Four each of 4" (10.1 cm) and 3" (7.5 cm), Eight 1-1/2" (3.8 cm) high and Twelve 1/2" (1.3 cm) high.

([hotkilns.com/kiln-furniture](http://hotkilns.com/kiln-furniture))



### DOWNDRAFT VENT SYSTEM

Vent-Sure downdraft vent vents fumes from kiln out of room and away from kiln. ([hotkilns.com/vent](http://hotkilns.com/vent))

## Dimension & Weight Specifications

**Inside Dimensions:** 13.5" (34.3 cm) diameter by 18" (45.7 cm) high, 7 sides

**Outside Dimensions:** 23" (58 cm) Wide by 27" (69 cm) Deep by 51" (130 cm) High

**Volume:** 1.5 cubic feet (43 liters)

**Shipping Dimensions:** 36" (92 cm) Wide by 36" (92 cm) Deep by 51" (130 cm) High (with or without Furniture Kit)

**Shipping Weight:** 200 lbs (91 Kg) for kiln. 235 lbs (107 Kg) for kiln with furniture kit.

**Moving and installation:** This kiln comes assembled but can be quickly disassembled and reassembled to move through any door or up stairs. It comes packed in a skidded carton with secure foam-in-place packaging.

**MORE:** See each model page on [hotkilns.com](http://hotkilns.com) to download PDF General Dimension Drawings for more outside and inside dimensions, minimum space requirements, BTU ventilation requirements, and kiln weight. See the Shipping Tab on the model page for complete shipping dimension and shipping weight information.

**Moving and installation:** The kiln comes assembled but can be quickly disassembled and reassembled to move through any door or up stairs. It comes packed in a skidded carton with secure foam-in-place packaging.

## Electrical Specifications

Model Numbers	Part Number	Volt/ Phase	Watts	Amps	Wire Size	Fuse Size	Power Connection
F1418-3-208	K-F-141B/21	208/1P	3,840	18.5	12 ga	25 Amps	14-30 Cordset
F1418-3-240	K-F-141B/31	240/1P	3,840	16.0	14 ga	20 Amps	6-20 Cordset

**MET UL499 Listing:** All USA models are c-MET-us listed to UL499 standard.

**Volts, Watts and Amps:** Fuego kilns are designed to operate on the voltage and and amperage of typical household current in each country. Because there are so many it is impossible to list all the possibilities.

**Plug:** Kiln plugs into an appropriate household circuit.

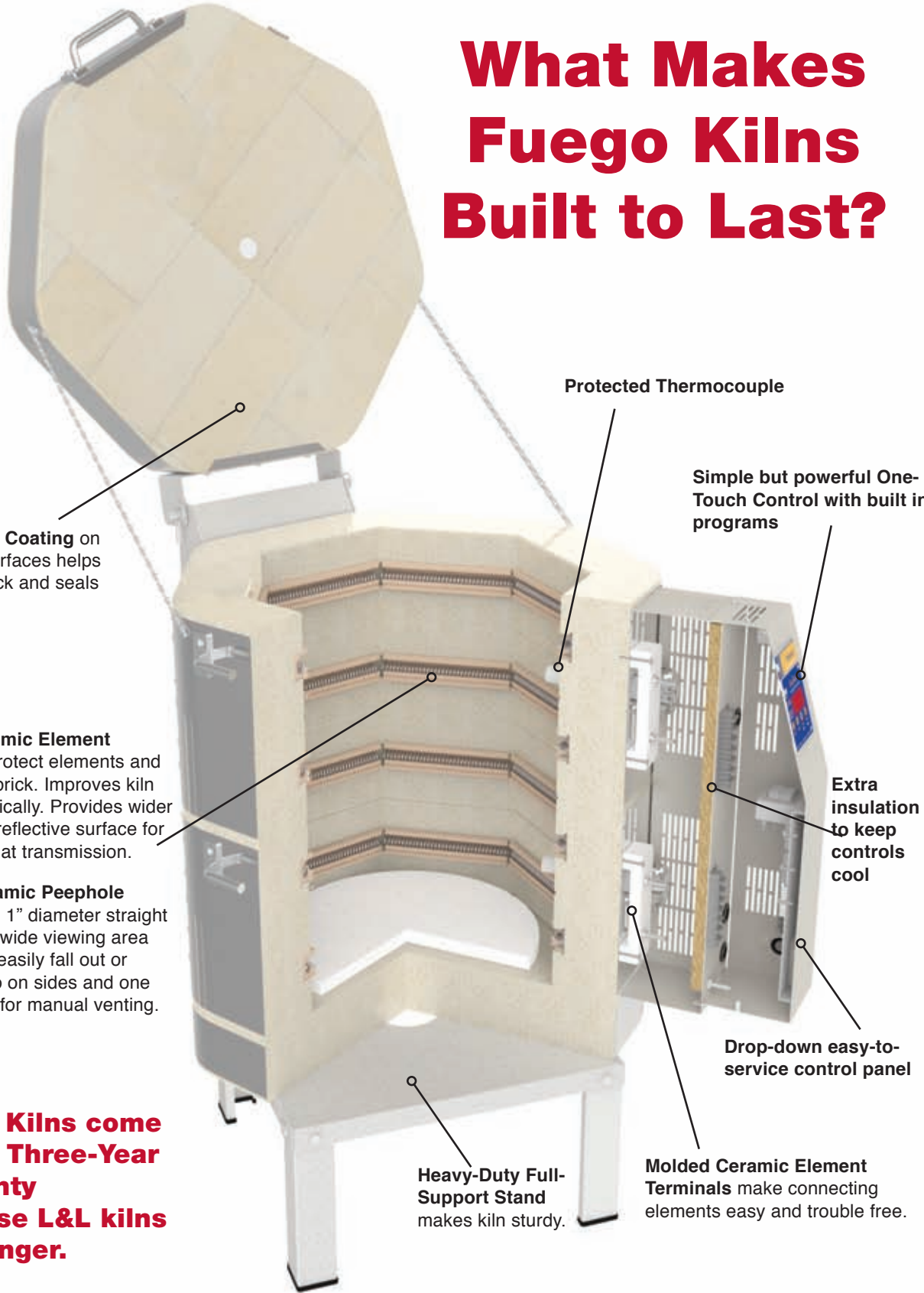
**Cone Rating:** All models are rated to Cone 10.

**Wiring Diagrams:** See the **Electrical Tab** for each kiln model to get the wiring diagram for each voltage.

**Elements:** All elements are of equal resistance value. Quad elements are the same resistance but longer and thicker.



# What Makes Fuego Kilns Built to Last?



**Reflective Coating** on all brick surfaces helps protect brick and seals pores.

**Hard Ceramic Element Holders** protect elements and fragile firebrick. Improves kiln life dramatically. Provides wider and more reflective surface for infrared heat transmission.

**Solid Ceramic Peephole Plugs** with 1" diameter straight view have wide viewing area and won't easily fall out or break. Two on sides and one on the top for manual venting.

**Fuego Kilns come with a Three-Year Warranty because L&L kilns last longer.**

Protected Thermocouple

Simple but powerful One-Touch Control with built in programs

Extra insulation to keep controls cool

Drop-down easy-to-service control panel

Heavy-Duty Full-Support Stand makes kiln sturdy.

Molded Ceramic Element Terminals make connecting elements easy and trouble free.



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