

# Easy-Fire

e18S • e18T • e18S-3 • e18T-3

8-Sided Kilns • 2.6 to 3.7 Cubic Feet • Cone 10 • 2-1/2" & 3" Brick

## FEATURES

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

**Loading:** Lid position, when open, rests at an angle away from the kiln. Chains are used to secure the lid in place when open.

**Hinge:** The hinge is not spring-loaded.

**Stand:** Heavy-duty 14 gauge full solid stand with multiple bends for strength. Bolt on legs. Feet protectors included.

**Assembly:** Two or three 9" high sections stack on top of each other. Easy to assemble. Bottom is reversible.

**Construction:** Stainless steel wrapped around brick with 3 clamps on each section. All stainless screws.

**Insulation:** 2-1/2" or 3" K23 firebrick.

**Brick Coating:** Reflective coating protects brick and reduces dusting.

**Element Holders:** Hard ceramic element holders protect brick.

**Elements:** Heavy-duty. 2 elements per 9" high section.

**Element Connections:** Proprietary all-ceramic element connection block makes changing elements easy.

**Control Panel:** All controls and components are mounted in a separate control panel that is piggy-backed to the element connection box. A layer of insulation and this separation helps keep the controls cool. The control panel and element box are hinged for easy access and maintenance. Control box can be easily removed for servicing. On/off switch and control fuse are included.

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

**Zone Control:** Two or three zones with separate thermocouples.

**Peephole Plugs:** Non-fragile solid ceramic with heat-locked head. 1" diameter full-view non-tapered. One per section.

**Thermocouples:** Type K 8 gauge with ceramic protection tubes.

**Relays:** Mercury free relays.

**Power Cord/Plug:** 50 Amp NEMA 6-50 six foot cord included for one phase, 50 Amp NEMA 15-50 six foot cord included for three phase.

**Instructions:** Complete visual instructions with control reference, process information, assembly, troubleshooting, and parts list. In addition a web videos show how to assemble the kiln and how to fire it. (See hotkilns.com/videos)

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

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

## OPTIONS

**Furniture Kits:** See Dimension & Hearth Specifications.

**Thermocouple Options:** Type S platinum or 1/4" pyrocoil metallic sheathed (see hotkilns.com/accessories).

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

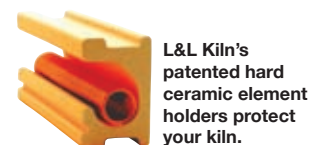
**Quad Element Design:** Extra long element life (see hotkilns.com/quad-element-option)



The Easy-Fire kiln meets the needs of teachers, institutions, camps, hobbyists, potters and others who need an easy to operate, easy to set up, easy to maintain, easy to understand, and easy to buy kiln. It has L&L's robust and time-proven technology like ceramic element holders, industrial-grade element terminals, ceramic thermocouple protection tubes, heavy-duty elements, corrosion resistant materials, removable control panel and zone control with four "Easy-Fire" programs.



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

Bulletin No: Spec-e18-6-12

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## DIMENSION, WEIGHT & FURNITURE KIT SPECIFICATIONS

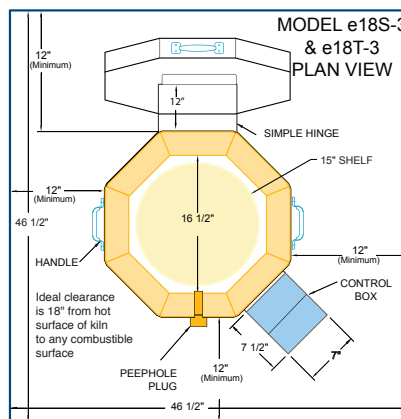
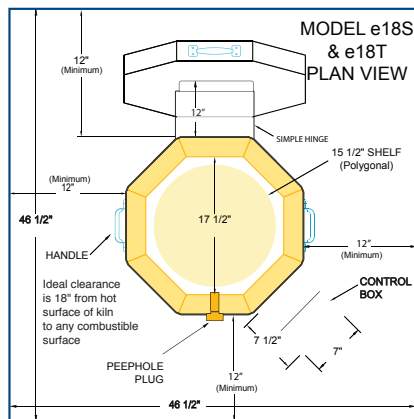
| Model Number | Inside Dimensions | Cubic Feet | Brick Thick | Furniture Kit              | Furn Kit Part No. | Outside Dimensions    | Shipping Dimensions (w Kit) | Ship Wght Kiln Only | Ship Wght Kiln + Kit |
|--------------|-------------------|------------|-------------|----------------------------|-------------------|-----------------------|-----------------------------|---------------------|----------------------|
| e18S         | 17-1/2"D x 18"H   | 2.6        | 2-1/2"      | (1) 15-1/2" full, (4) half | H-E-K18S/00       | 29" W x 31" H x 30" D | 36" W x 55" H x 36" D       | 190 lbs             | 245 lbs              |
| e18S-3       | 16-1/2"D x 18"H   | 2.5        | 3"          | (1) 15" full, (4) half     | H-E-K18S/30       | 29" W x 31" H x 30" D | 36" W x 55" H x 36" D       | 220 lbs             | 255 lbs              |
| e18T         | 17-1/2"D x 27"H   | 3.9        | 2-1/2"      | (2) 15-1/2" full, (4) half | H-E-K18T/00       | 29" W x 40" H x 30" D | 36" W x 60" H x 36" D       | 230 lbs             | 305 lbs              |
| e18T-3       | 16-1/2"D x 27"H   | 3.7        | 3"          | (2) 15" full, (4) half     | H-E-K18T/30       | 29" W x 40" H x 30" D | 36" W x 60" H x 36" D       | 255 lbs             | 325 lbs              |

**Minimum Space Requirements:** 46-1/2" wide by 46-1/2" deep.

**Furniture / Accessory Kit:** Shelves as listed above. Each kit also includes a post kit with six each 1/2", 1", 2" 4", 6" and 8" high 1-1/2" square cordierite posts as well as heat-resistant gloves and 5 pounds of cone 10 kiln wash.

**Moving and installation:** This 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.

**General Dimension Drawings:** See each model page on hotkilns.com to download PDF drawings.



Furniture kit for a e18S kiln.



Furniture kit for a e18T kiln.

## ELECTRICAL SPECIFICATIONS

| Model Number                | Part Number for 2-1/2" Brick | Part Number for 3" Brick | Volt/Phase | Watts | Amps | Wire Size | Fuse Size |
|-----------------------------|------------------------------|--------------------------|------------|-------|------|-----------|-----------|
| e18S-240 / e18S-3-240       | K-E-18SX/31                  | K-E-18S3/31              | 240/1P     | 5,737 | 23.9 | 10 ga     | 30 Amps   |
| e18S-240-3P / e18S-3-240-3P | K-E-18SX/32                  | K-E-18S3/32              | 240/3P     | 5,737 | 20.7 | 10 ga     | 30 Amps   |
| e18S-208 / e18S-3-208       | K-E-18SX/21                  | K-E-18S3/21              | 208/1P     | 4,980 | 23.9 | 10 ga     | 30 Amps   |
| e18S-208-3P / e18S-3-208-3P | K-E-18SX/22                  | K-E-18S3/22              | 208/3P     | 4,980 | 20.8 | 10 ga     | 30 Amps   |
| e18T-240 / e18T-3-240       | K-E-18TX/31                  | K-E-18T3/31              | 240/1P     | 8,400 | 35.0 | 6 ga      | 50 Amps   |
| e18T-240-3P / e18T-3-240-3P | K-E-18TX/32                  | K-E-18T3/32              | 240/3P     | 8,400 | 20.2 | 10 ga     | 30 Amps   |
| e18T-208 / e18T-3-208       | K-E-18TX/21                  | K-E-18T3/21              | 208/1P     | 8,400 | 40.4 | 6 ga      | 60 Amps   |
| e18T-208-3P / e18T-3-208-3P | K-E-18TX/22                  | K-E-18T3/22              | 208/3P     | 8,400 | 23.3 | 10 ga     | 30 Amps   |

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

**Power connection:** A six foot cord with a 50 amp NEMA 6-50 for single phase units or a 15-50 plug for 3 phase units is included. (No neutral is necessary). May be direct wired.