

# 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 & Benefits

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

**Loading:** Lid position, when open, rests at an angle away from the kiln without lid supports so that loading is easy.

**Hinge:** The hinge is not spring-loaded. Chains are used to secure the lid in place when open.

**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 on case.

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

**Brick Coating:** Proprietary reflective brick coating included. This helps firebrick stay strong on the surface and helps prevent dusting.

**Patented Hard Ceramic Element Holders:** Protect brick from loading damage, keep elements from falling out of grooves, makes changing elements easy, and optimizes heat transfer to load.

**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. ([hotkilns.com/videos](http://hotkilns.com/videos))

**Warranty:** Limited 3 year warranty. ([hotkilns.com/warranty](http://hotkilns.com/warranty))

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



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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**KILNS BUILT TO LAST**

Bulletin No: e18-9-15P

# Easy-Fire e18S • e18T • e18S-3 • e18T-3

## Options

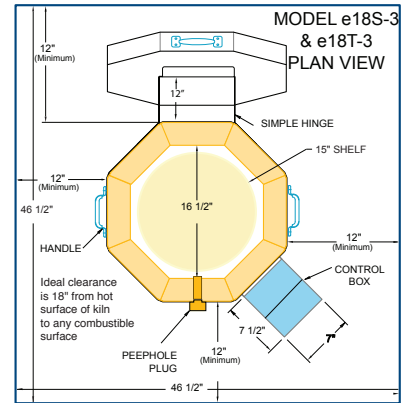
**Furniture Kits:** Shelves are high alumina cone 11 shelves. Shelves are 15" diameter for kilns with 3" brick and 15.5" diameter for kilns with 2.5" brick. Full and half round cordierite shelves. Each post kit includes six each 1/2", 1", 2", 4", 6" and 8" high 1-1/2" square cordierite posts. All furniture kits include heat-resistant gloves and 1 lb of cone 10 kiln wash.



Furniture kit for a e18S kiln



Furniture kit for a e18T kiln



**Vent System:** Vent-Sure downdraft vent ([hotkilns.com/vent](http://hotkilns.com/vent))

**Graded Elements:** Reduces price by eliminating zone control. Zone control can be added later. (See 2015 Catalog)

**Thermocouple Options:** Type S platinum thermocouples ([hotkilns.com/tcs](http://hotkilns.com/tcs)) or 1/4" diameter pyrocoil metallic sheathed thermocouples. ([hotkilns.com/tc-metallic](http://hotkilns.com/tc-metallic))

**KISS Software:** ([hotkilns.com/kiss](http://hotkilns.com/kiss))

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

## Dimension & Weight 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.

**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](http://hotkilns.com) to download PDF drawings.

## 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.