

Easy-Fire e28S-3 • e28T-3

12-Sided Kilns • 6.8 or 10.2 Cubic Feet • Cone 10 • 3" Brick

Features & Benefits

Temperature Rating: Cone 10, 2350°F, 1290°C for all e28S-3 kilns and three phase versions of the e28T-3, See specifications for cone rating of single phase e28T-3.

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

Hinge: Spring loaded for easy opening while still allowing lid to be supported without supports that get in the way of loading.

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: 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 angled 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)

Warranty: Limited 3 year warranty. (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, "Easy-Open, Easy-Load" spring hinge, removable control panel and zone control with four "Easy-Fire" programs.



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KILNS BUILT TO LAST

Bulletin No: e28-918

Easy-Fire e28S-3 • e28T-3

Options

Furniture Kits: Shelves are high alumina cone 11 shelves. Shelves are 25.5" diameter half shelves only. 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.

Vent System: Vent-Sure downdraft vent (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) or 1/4" diameter pyrocil metallic sheathed thermocouples. (hotkilns.com/tc-metallic)

KISS Software: (hotkilns.com/kiss)

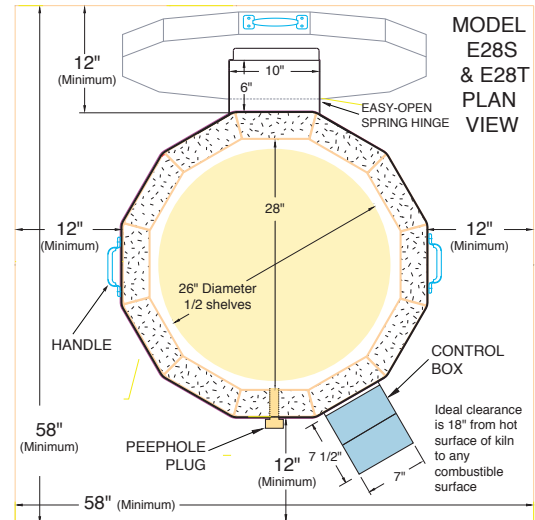
Quad Element Design: Extra long element life (hotkilns.com/quad-element-option)



Furniture kit for a e28S-3 kiln.



Furniture kit for a e28T-3 kiln.



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
e28S-3	28"D x 18"H	6.8	3"	(6) 25-1/2" half	H-E-K28S/00	37" W x 33" H x 48" D	48" W x 55" H x 44" D	370 lbs	495 lbs
e28T-3	28"D x 27"H	10.2	3"	(8) 25-1/2" half	H-E-K28T/00	37" W x 42" H x 48" D	48" W x 60" H x 44" D	460 lbs	610 lbs

Minimum Space Requirements: 58" wide by 58" 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 to download PDF drawings.

Electrical Specifications

Model Number	Part Number	Volt/Phase	Watts	Max Cone	Amps	Wire Size	Fuse Size
e28S-3-240	K-E-28SX/31	240/1P	11,500	10	47.9	6 ga	60 Amps
e28S-3-240-3P	K-E-28SX/32	240/3P	11,500	10	41.5	6 ga	60 Amps
e28S-3-208	K-E-28SX/21	208/1P	9,984	10	48.0	6 ga	60 Amps
e28S-3-208-3P	K-E-28SX/22	208/3P	9,984	10	41.6	6 ga	60 Amps
e28T-3-240	K-E-28TX/31	240/1P	11,520	8	48.0	6 ga	60 Amps
e28T-3-240-3P	K-E-28TX/32	240/3P	16,620	10	40.0	6 ga	50 Amps
e28T-3-240-3P-40A	K-E-28TL/32	240/3P	11,520	5	27.7	8 ga	40 Amps
e28T-3-208	K-E-28TX/21	208/1P	9,980	5	48.0	6 ga	60 Amps
e28T-3-208-3P	K-E-28TX/22	208/3P	14,340	10	39.8	6 ga	50 Amps
e28T-3-208-3P-40A	K-E-28TL/22	208/3P	11,520	5	32.0	8 ga	40 Amps

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

Note about high fire: If you plan to fire regularly to higher temperatures like cone 6 and you only have single phase electric it is recommended to get a Jupiter JD2927-3 or an eQ2827-3. Those models have higher watts and amperage in the single phase versions. The 3 phase e28T-3, on the other hand, has more than enough power to get to Cone 10 consistently.

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.