

Easy-Fire e23S • e23T • e23S-3 • e23T-3

10-Sided Kilns • 4.4 to 7.0 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: 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: 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 angled 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)

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: e23-9-15

Easy-Fire e23S • e23T • e23S-3 • e23T-3

Options

Furniture Kits: Shelves are high alumina cone 11 shelves. Shelves are 20" diameter for kilns with 3" brick and 21" 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.

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)

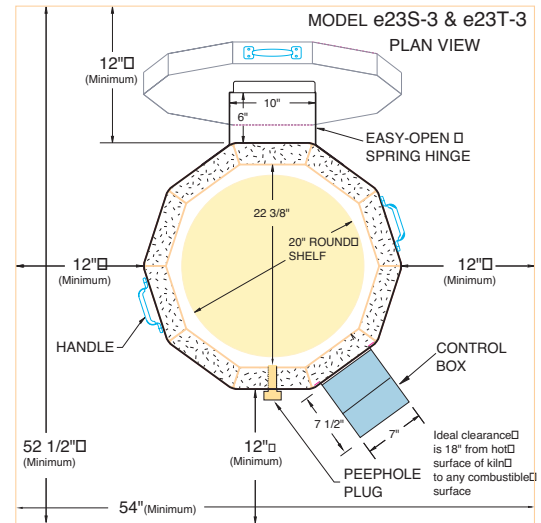
Quad Element Design: Extra long element life (hotkilns.com/quad-element-option)



Furniture kit for a e23S kiln.



Furniture kit for a e23T 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
e23S	23-3/8"D x 18"H	4.7	2-1/2"	(1) 21" full, (4) half	H-E-K23S/00	31" W x 32" H x 42" D	44" W x 55" H x 44" D	265 lbs	375 lbs
e23S-3	22-3/8"D x 18"H	4.4	3"	(1) 20" full, (4) half	H-E-K23S/30	31" W x 33" H x 42" D	44" W x 55" H x 44" D	305 lbs	400 lbs
e23T	23-3/8"D x 27"H	7.0	2-1/2"	(2) 21" full, (4) half	H-E-K23T/00	31" W x 41" H x 42" D	44" W x 60" H x 44" D	325 lbs	445 lbs
e23T-3	22-3/8"D x 27"H	6.7	3"	(2) 20" full, (4) half	H-E-K23T/30	31" W x 42" H x 42" D	44" W x 60" H x 44" D	360 lbs	480 lbs

Minimum Space Requirements: 54" wide by 52-1/2" 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 to download PDF drawings.

Electrical Specifications

Model Number	Part Number 2-1/2" Brick	Part Number 3" Brick	Volt/Phase	Watts	Amps	Wire Size	Fuse Size
e23S-240 / e23S-3-240	K-E-23SX/31	K-E-23S3/31	240/1P	9,460	39.4	6 ga	50 Amps
e23S-240-3P / e23S-3-240-3P	K-E-23SX/32	K-E-23S3/32	240/3P	9,460	34.1	6 ga	50 Amps
e23S-208 / e23S-3-208	K-E-23SX/21	K-E-23S3/21	208/1P	8,320	40.0	6 ga	50 Amps
e23S-208-3P / e23S-3-208-3P	K-E-23SX/22	K-E-23S3/22	208/3P	8,320	34.6	6 ga	50 Amps
e23T-240 / e23T-3-240	K-E-23TX/31	K-E-23T3/31	240/1P	11,520	48.0	6 ga	60 Amps
e23T-240-3P / e23T-3-240-3P	K-E-23TX/32	K-E-23T3/32	240/3P	11,520	27.7	8 ga	40 Amps
e23T-208 / e23T-3-208	K-E-23TX/21	K-E-23T3/21	208/1P	9,980	48.0	6 ga	60 Amps
e23T-208-3P / e23T-3-208-3P	K-E-23TX/22	K-E-23T3/22	208/3P	11,000	30.5	8 ga	40 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.