

eQuad-Pro Series

Production Kilns

6.7, 10.2, & 13.6 Cubic Feet Production Kilns • Cone 10 • Quad-Element Design

FEATURES

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 the loading is easy and unobstructed.

Hinge: Spring loaded for “feather-lite” easy opening.

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

Assembly: Three to four 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: 3” K23 firebrick.

Brick Coating: Reflective coating protects brick and reduces dusting.

Element Holders: Hard ceramic element holders protect brick.

Quad Element Design: Super heavy-duty, thick elements with 4 wraps 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. 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. Two programs can be combined for one 16 segment program.

Zone Control: Three zones with three separate thermocouples.

Thermocouples: Type K 8 gauge with ceramic protection tubes.

Relays: Mercury free relays.

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

Instructions: Complete visual instructions with control reference, process information, assembly, troubleshooting, and parts list. In addition web videos show how to assemble the kiln and how to fire it. (<http://www.youtube.com/user/LLKilns#p/u>)

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

UL Listing: Pending

OPTIONS

KISS Software: This is to monitor and control the firing from your computer. It is particularly good for maintaining an accurate log of your firing cycles.

Thermocouple Options: Type S platinum or 1/4” pyrocl metallic sheathed (see hotkilns.com/tc.pdf).

Furniture Kits: See Dimension & Hearth Specifications.

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



The eQuad-Pro Series Kilns were designed specifically to handle the rigorous demands of production firing. Utilizing a combination of L&L's time proven technology, such as element holders, ceramic terminal boards, and thermocouple protection tubes, along with the new advancements of the super heavy-duty quad element holder and element design, this kiln series provides what is sure to be the preferred “workhorse” for any production studio.



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Bulletin No:Spec-eQuad-Pro-4-11

DIMENSION, WEIGHT & FURNITURE KIT SPECIFICATIONS

Model Number	Inside Dimensions	Cubic Feet	Furniture Kit	Furniture Kit Part No.	Outside Dimensions	Shipping Dimensions (with Kit)	Ship Weight Kiln Only	Ship Weight Kiln + Kit
eQ2327-3	22-3/8" Diam x 27" H	6.7	(2) full, (4) half 20" shelves	H-J-K23X/30	31" W x 42" H x 42" D	44" W x 61" H x 44" D	365 lbs	485 lbs
eQ2827-3	28" Diam x 27" H	10.2	(8) 25-1/2" half shelves	H-J-K292/00	40" W x 41" H x 50" D	48" W x 61" H x 48" D	480 lbs	585 lbs
eQ2836-3	28" Diam x 36" H	13.6	(10) 25-1/2" half shelves	H-J-K293/00	40" W x 50" H x 50" D	48" W x 72" H x 48" D	595 lbs	725 lbs

Note: Vent and Furniture kit add 15" height to shipping dimensions of three ring kilns and must be placed on a separate skid for four ring kilns.

Minimum Space Requirements: Add 12" to outside dimensions.

Furniture/Shelves Kit: Shelves are higher alumina 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 5 pounds of cone 10 kiln wash.

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



Furniture kit for a eQ2327-3 kiln.



Furniture kit for a eQ2827-3 kiln.



Furniture kit for a eQ2836-3 kiln.



Pictures of the Quad Element System

ELECTRICAL SPECIFICATIONS

Model Number	Part Number	Volt/Phase	Watts	Amps	Wire Size	Fuse Size	Power Connection	Number of Zones
eQ2327-3-240	K-Q-2327/31	240/1P	13,440	56.0	4 ga	70 amps	Direct to Fused Disconnect	3
eQ2327-3-240-3P	K-Q-2327/32	240/3P	13,440	32.4	6 ga	50 amps	Direct to Fused Disconnect	3
eQ2327-3-208	K-Q-2327/21	208/1P	11,648	56.0	4 ga	70 amps	Direct to Fused Disconnect	3
eQ2327-3-208-3P	K-Q-2327/22	208/3P	11,648	32.4	6 ga	50 amps	Direct to Fused Disconnect	3
eQ2827-3-240	K-Q-2827/31	240/1P	14,950	62.3	3 ga	80 amps	Direct to Fused Disconnect	3
eQ2827-3-240-3P	K-Q-2827/32	240/3P	14,950	36.0	6 ga	50 amps	Direct to Fused Disconnect	3
eQ2827-3-208	K-Q-2827/21	208/1P	14,950	71.9	2 ga	90 amps	Direct to Fused Disconnect	3
eQ2827-3-208-3P	K-Q-2827/22	208/3P	14,950	41.5	6 ga	60 amps	Direct to Fused Disconnect	3
eQ2836-3-240	K-Q-2836/31	240/1P	19,000	79.2	1 ga	100 amps	Direct to Fused Disconnect	3
eQ2836-3-240-3P	K-Q-2836/32	240/3P	19,000	51.5	4 ga	70 amps	Direct to Fused Disconnect	3
eQ2836-3-208	K-Q-2836/21	208/1P	19,000	91.3	1/0	125 amps	Direct to Fused Disconnect	3
eQ2836-3-X-208	K-Q-283X/21	208/1P	16,640	80.0	1 ga	100 amps	Direct to Fused Disconnect	3
eQ2836-3-208-3P	K-Q-2836/22	208/3P	19,000	59.4	3 ga	80 amps	Direct to Fused Disconnect	3

UL Listing: Pending.

Power Connection: Direct hook up to a fused disconnect switch.