

# Easy-Fire XT Square Top-Loading Kilns

Square Sectional Kilns • Cone 10 • 3" Brick

## Features & Benefits

**Temperature Rating:** Most voltages are Cone 10, 2350°F, 1290°C (See electrical specifications)

**Lid, Hinge & Stand:** Aluminized Steel Stand.

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

**Construction:** Unique shallow side arches create super-strong sides and allow for plenty of space for air circulation around kiln shelves. Stainless steel wrapped around brick with 3 clamps on each section. All stainless screws on case.

**Insulation:** 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. Some models have branch fusing.

**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. Some models are direct wired. See electrical specifications.

**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. ([hotkilns.com/assembling-easy-fire-kiln](http://hotkilns.com/assembling-easy-fire-kiln))

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



An e2827-XT-QD (with Quad element option) is shown. The control panel is mounted on the right side of the kiln.



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**KILNS BUILT TO LAST**

Bulletin No: eXT-3-15P

# Easy-Fire XT Square Top-Loading Kilns

## Options

**Furniture Kits:** Shelves are high alumina cone 11 shelves. See below for shelf sizes. 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.

**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))



Furniture kit for an X2327-EZ

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

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

## Dimension & Weight Specifications

Model Number	Inside Height	Cubic Feet	Furniture Kit	Furniture Kit Part No.	Outside Dimensions	Shipping Dimensions (with Kit)	Ship Weight Kiln Only	Ship Weight Kiln + Kit
E2318-XT	18"	5.0	(4) 20" x 10" shelves	H-X-K318/00	40" W x 32" H x 42" D	48" W x 55" H x 44" D	500 lbs	550 lbs
E2327-XT	27"	8.1	(6) 20" x 10" shelves	H-X-K327/00	40" W x 41" H x 42" D	48" W x 60" H x 44" D	600 lbs	665 lbs
E2818-XT	18"	7.8	(4) 23" x 11.5" shelves	H-X-K318/00	45" W x 32" H x 47" D	48" W x 55" H x 44" D	625 lbs	695 lbs
E2827-XT	27"	11.7	(6) 23" x 11.5" shelves,	H-X-K327/00	45" W x 41" H x 47" D	48" W x 60" H x 44" D	735 lbs	835 lbs

**Crosssection of Inside:** 22" wide by 22" deep for E2318-XT & E2327-XT. 26-1/2" wide by 26-1/2" deep for E2818-XT & E2827-XT.

**Minimum Space Requirements:** 60" wide by 60" deep for E2318-XT and E2327-XT. 66" wide by 66" deep for the E2818-XT and E2827-XT.

**General Dimension Drawings:** See dimension drawings of similar DaVinci models (for kiln bodies) and Easy-Fire kilns (for control panel dimensions).

## Electrical Specifications

Standard Models									
Model Number	Part Number	Volt/Phase	Watts	Amps	Wire Size	Fuse Size	Branch Fusing	Power Connection	Max Temp/Cone
E2318-XT-240	K-Z-231B/31	240/1P	9,460	39.4	6 ga	50 a	No	6-50 Plug	Cone 10, 2350F
E2318-XT-240-3P	K-Z-231B/32	240/3P	9,460	34.1	6 ga	50 a	No	15-50 Plug	Cone 10, 2350F
E2318-XT-208	K-Z-231B/21	208/1P	9,460	45.5	6 ga	60 a	No	6-50 Plug	Cone 10, 2350F
E2318-XT-208-3P	K-Z-231B/22	208/3P	9,460	39.4	6 ga	50 a	No	15-50 Plug	Cone 10, 2350F
E2327-XT-240	K-Z-232B/31	240/1P	11,520	48.0	6 ga	60 a	No	6-50 Plug	Cone 10, 2350F
E2327-XT-240-3P	K-Z-232B/32	240/3P	11,520	27.7	8 ga	40 a	No	15-50 Plug	Cone 10, 2350F
E2327-XT-208	K-Z-232B/21	208/1P	9,980	48.0	6 ga	60 a	No	6-50 Plug	Cone 5, 2170F
E2327-XT-208-X	K-Z-232X/21	208/1P	11,520	55.4	4 ga	70 a	Yes	Direct - No Plug	Cone 10, 2350F
E2327-XT-208-3P	K-Z-232B/22	208/3P	11,520	32.0	8 ga	40 a	No	15-50 Plug	Cone 10, 2350F
E2818-XT-240	K-Z-281B/31	240/1P	11,520	48.0	6 ga	60 a	No	6-50 Plug	Cone 10, 2350F
E2818-XT-240-3P	K-Z-281B/32	240/3P	11,520	41.6	6 ga	60 a	No	15-50 Plug	Cone 10, 2350F
E2818-XT-208	K-Z-281B/21	208/1P	9,980	48.0	6 ga	60 a	No	6-50 Plug	Cone 5, 2170F
E2818-XT-208-3P	K-Z-281B/22	208/3P	11,520	48.0	6 ga	60 a	No	15-50 Plug	Cone 10, 2350F
E2827-XT-240	K-Z-282B/31	240/1P	11,520	48.0	6 ga	60 a	No	6-50 Plug	Cone 5, 2170F
E2827-XT-240-X	K-Z-282X/31	240/1P	14,930	62.2	3 ga	80 a	Yes	Direct - No Plug	Cone 10, 2350F
E2827-XT-240-3P	K-Z-282B/32	240/3P	14,930	35.9	6 ga	50 a	No	15-50 Plug	Cone 10, 2350F
E2827-XT-208	K-Z-282B/21	208/1P	9,980	48.0	6 ga	60 a	No	6-50 Plug	Cone 1, 2080F
E2827-XT-208-X	K-Z-282X/21	208/1P	14,930	71.8	2 ga	90 a	Yes	Direct - No Plug	Cone 10, 2350F
E2827-XT-208-3P	K-Z-282B/22	208/3P	14,930	41.4	6 ga	60 a	No	15-50 Plug	Cone 10, 2350F

**UL Listing:** Not listed. **Non-US Electrical Specifications:** 220 volt & 380 volt electrical specifications can be found for each model on our web site.