

35-1/4" x 26-1/2" Rectangular Sectional Kilns • Cone 10 • 3" Brick

FEATURES

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

Lid, Hinge & Stand: Welded angle iron counterbalance system with springs. Safety latch included. Welded angle iron with leveling bolts.

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

Loading/Adjustment feature: It is possible to lift top section(s) off of the T2336-D and T2345-D without disassembling kiln (see hotkilns.com/section.html).

Construction: Unique shallow side arches create super-strong sides and allow for plenty of space for air circulation around kiln shelves.

Insulation: 3" K23 firebrick.

Brick Coating: Reflective coating protects brick and reduces dusting.

Element Holders: Patented 3000°F ceramic holders with silicon carbide protect brick.

Elements: Heavy-duty. 3 elements per 9" high section.

Element Connections: Proprietary all-ceramic element connection block makes changing elements easy.

Control Panel: Floor mounted & separate. Sections plug into panel with 50 amp cords. 50 amp mechanical contactors with control relays. Branch fusing included. The control panel is hinged for easy access and is made of aluminized steel. An On/Off switch and control fuse are included. Direct electrical hook-up to terminal block.

Control: DynaTrol with 4 Easy-Fire programs, 6 Vary-Fire programs, PreHeat, Delay, Program & Segment Review, and Diagnostics. Dynatrol is in a handheld case that plugs into control panel with a 6 foot cord.

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.

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

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

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

OPTIONS

Furniture Kits: See Dimension & Hearth Specifications.

Thermocouple Options: Type S platinum or 1/4" pyrocoil sheathed (see hotkilns.com/tc.pdf).

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

Bell-Lift: Not available on the T2300-D Series kilns.

480 Volts: 480 volts/ 3 phase uses 277 volt elements in a "Wye" electrical configuration for a balanced circuit (see hotkilns.com/480.pdf). Available without a NEMA 1 Control Panel at a lower cost, however this panel is required to

maintain the c-MET-us listing.

Orton Sitter/Timer Backup Control:

For safety back-up or to use as final control device while still using the control for ramping.

120 Volt Control Power Option:

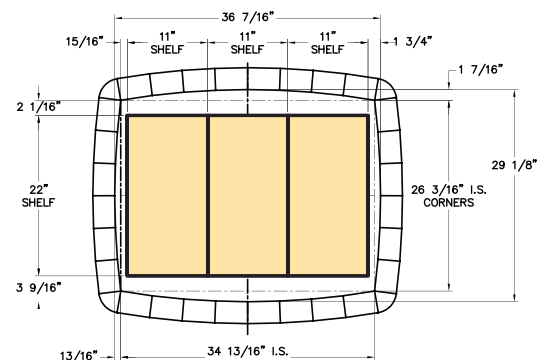
Allows control circuit to be plugged into a protected UPS power supply.

Powered Bottom: Available on all T2300-D Series kilns.

High Power Option: The T2327-D, T2336-D, & T2345-D can be ordered with extra power.



An T2327-D is shown with three sections. The control panel is mounted on the right side of the kiln. The handheld DynaTrol can be mounted on the wall (a 4 foot cord is included).



DIMENSION, WEIGHT & FURNITURE KIT 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
TB2318-D	18"	9.7	6 shelves, 1 post kit	H-T-K418/00	54" W x 32" H x 43" D	1 crate: 62" W x 45" H x 48" D 1 crate: 50" W x 74" H x 44" D	900 lbs	994 lbs
T2327-D	27"	14.6	9 shelves, 1 post kit	H-T-K427/00	54" W x 41" H x 43" D	1 crate: 62" W x 54" H x 48" D 1 crate: 50" W x 84" H x 44" D	1035 lbs	1171 lbs
T2336-D	36"	19.4	12 shelves, 2 post kit	H-T-K436/00	54" W x 50" H x 43" D	1 crate: 62" W x 63" H x 48" D 1 crate: 50" W x 84" H x 44" D	1165 lbs	1353 lbs
T2345-D	45"	24.3	15 shelves, 2 post kits	H-T-K445/00	54" W x 59" H x 43" D	1 crate: 62" W x 48" H x 48" D 1 crate: 62" W x 36" H x 48" D 1 crate: 50" W x 84" H x 44" D	1300 lbs	1530 lbs

Crosssection of Inside: 34-3/4" wide by 26-1/4" deep.

Minimum Space Requirements: 77" wide by 64" deep.

Furniture/Shelves Kit: Shelves are 11" x 22" x 3/4" cordierite shelves. Each post kit includes six 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.

For all dimensions and weights: See hotkilns.com/davinci-dimensions.pdf.

Bell-Lift Dimensions: See hotkilns.com/lift.html.



Furniture kit for an T2327-D

ELECTRICAL SPECIFICATIONS

Standard Models							Powered Bottom Models				
Model Number	Part Number	Volt/Phase	Watts	Amps	Wire Size	Fuse Size	Part Number	Watts	Amps	Wire Size	Fuse Size
TB2318-D-240	K-T-2318/31	240/1P	15,341	63.9	3 ga	80 a	K-T-231P/31	20,500	85.2	1 ga	100 a
TB2318-D-240-3P	K-T-2318/32	240/3P	15,341	55.4	4 ga	70 a	K-T-2318P/32	20,500	55.4	4 ga	70 a
TB2318-D-208	K-T-2318/21	208/1P	15,341	73.8	1 ga	100 a	K-T-231P/21	20,500	98.3	1/0	125 a
TB2318-D-208-3P	K-T-2318/22	208/3P	15,341	63.9	3 ga	80 a	K-T-231P/22	20,500	63.9	3 ga	80 a
T2327-D-240	K-T-2327/31	240/1P	19,510	81.3	1 ga	100 a	K-T-232P/31	23,840	99.4	1/0	125 a
T2327-D-240-3P	K-T-2327/32	240/3P	19,510	46.9	6 ga	60 a	K-T-232P/32	23,840	62.6	3 ga	80 a
T2327-D-208	K-T-2327/21	208/1P	19,510	93.8	1/0	125 a	K-T-232P/21	23,840	114.6	2/0	150 a
T2327-D-208-3P	K-T-2327/22	208/3P	19,510	54.1	4 ga	70 a	K-T-232P/22	23,840	72.2	2 ga	90 a
T2336-D-240	K-T-2336/31	240/1P	26,013	108.4	1/0	125 a	K-T-233P/31	30,400	126.5	2/0	150 a
T2336-D-240-3P	K-T-2336/32	240/3P	26,013	70.4	2 ga	90 a	K-T-233P/32	30,400	86.0	1 ga	100 a
T2336-D-208	K-T-2336/21	208/1P	26,013	125.1	2/0	150 a	K-T-233P/21	30,400	145.9	4/0	175 a
T2336-D-208-3P	K-T-2336/22	208/3P	26,013	81.2	1 ga	100 a	K-T-233P/22	30,400	99.3	1/0	125 a
T2345-D-240	K-T-2345/31	240/1P	32,517	135.4	4/0	175 a	K-T-234P/31	36,900	153.5	250 mcm	200 a
T2345-D-240-3P	K-T-2345/32	240/3P	32,517	93.9	1/0	125 a	K-T-234P/32	36,900	93.9	1/0	125 a
T2345-D-208	K-T-2345/21	208/1P	32,517	156.3	250 mcm	200 a	K-T-234P/21	36,900	177.2	250 mcm	200 a
T2345-D-208-3P	K-T-2345/22	208/3P	32,517	108.3	1/0	125 a	K-T-234P/22	36,900	108.3	1/0	125 a

For Model Number Powered Bottom Model: Add a "PB" after the "D" (Example = T2336-D-PB-240-1).

UL Listing: All models are c-MET-us listed. 480 models are c-MET-us listed as long as a NEMA1 panel is used.

480 Volt Electrical Requirements: See hotkilns.com/davinci-electric.pdf.

High Powered Option Electrical Requirements: This is available for the T2327-D, T2336-D, T2345-D. It increases KW ratings by about 20%. See hotkilns.com/davinci-electric.pdf.