

DaVinci T2300-D Series

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

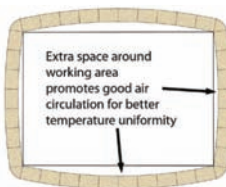
Features & Benefits

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

Lid, Hinge & Stand: Counterbalanced lid system with springs and safety latch. Angle iron structural stand with aluminized sheet. Powder coated blue. Includes 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. (hotkilns.com/sectional-kiln-davinci)



Construction: Unique shallow side arches create super-strong sides and allow for plenty of space for air circulation around kiln shelves. (hotkilns.com/arched-sides)

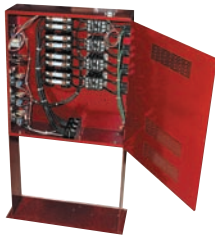
Insulation: 3" K23 firebrick.

Brick Coating: Reflective coating protects brick and reduces dusting.

Element Holders: Patented ceramic holders 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.

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. (hotkilns.com/videos)

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

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



An T2327-D is shown with three sections. The control panel is mounted on the right side of the kiln.



Shows a DaVinci adjustable hinge adjusted for use on an X3227 or an X3236



505 Sharptown Road • Swedesboro, NJ 08085
Phone: 856.294.0077 • Fax: 856.294.0070
sales@hotkilns.com • hotkilns.com

KILNS BUILT TO LAST

Bulletin No: T23-9-15

DaVinci T2300-D Series

Options

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

Thermocouple Options: Type S platinum thermocouples (hotkilns.com/tcs) or 1/4" diameter pyrocoil metallic sheathed thermocouples. (hotkilns.com/tc-metallic)



Industrial Controls: Three zone Eurotherm control plus others. (hotkilns.com/eurotherm3)

480 Volts/3 Phase: (needs NEMA1 panel for MET-us listing) (sections hard wired to power box) (hotkilns.com/480)

Nema 1 Control Box: for industrial use (480 volts becomes MET-us listed with this extra option)

Kiss Software: Monitor and control kiln remotely. For the DynaTrol only. (hotkilns.com/kiss)

High Limit Back Up Control (latching relay back up control system) (hotkilns.com/high-limit):

Back Up Contactors (actuated by the High Limit Back Up Digital Control, needs a large box) (hotkilns.com/high-limit)

120 Volt Power Supply: with EMI electrical noise filter (hotkilns.com/noise)



Quad Element Option: Four rows of elements for each 9" kiln section. For maximum high-fire element life. (The combination of larger coil diameter of L&L elements, ceramic holders, and the Quad option is the best in the industry. (hotkilns.com/quad)

Powered Bottom: Available on all T2300 Series kilns. (hotkilns.com/powered-bottoms-davinci-kilns)

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

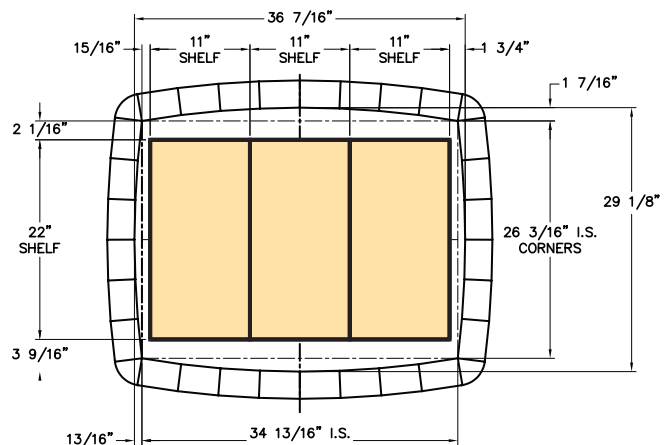
Furniture Kits

Shelves are high alumina cone 11 shelves. Shelves are 11" x 22" x 3/4". See below for quantity. 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 1 lb of cone 10 kiln wash.



Furniture kit for an T2327-D

Crosssection



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
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.

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

DaVinci T2300-D Series

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.