

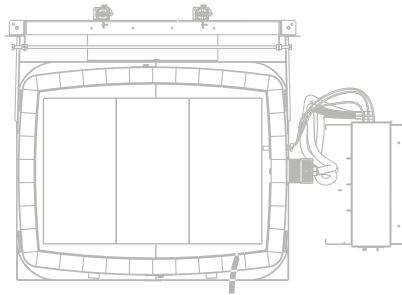
# T3427

Temperature Rating: Cone 10

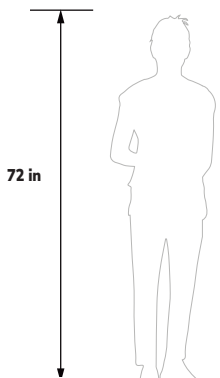
Volume: 20.7 Cubic Feet

Brick Thickness: 3" Brick

Inside: 43.5" D x 27" H



43.5" W x  
30.5" D x  
27" H



72 in



42.6 in



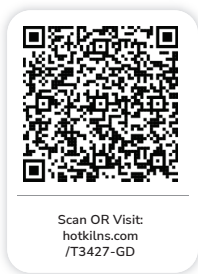
Large volume square and rectangular kilns with adjustable height. DaVinci kilns are great for production and tiles. Includes arched sides for strength and counterbalanced lid.

- **Genesis Touch Screen Control** with Dynamic Zone Control
- **Cone 10 • 2350°F • 1290°C**
- **Lid Winch System** easy and safe single person lift
- **Safety Latches for Lid**
- **Welded angle-iron powder-coated stand and hinge**
- **3" brick**
- **Type K Thermocouples (3)**
  - with protection tubes
- **Strong arched sides** with extra

space added to interior dimensions for good air circulation

- **Three elements per 9" section**
- **Ceramic Element Terminals**
- **Hard Ceramic Element Channels**
- **Plug in kiln sections** (except 480 volt models)
- **Floor mounted control panel**
- **Solid State Power Controls**
- **c-ETL-us listed to UL499 Standards**
- **See [hotkilns.com/t3427](http://hotkilns.com/t3427) for all features and options**

GENERAL DIMENSIONS



**TRUST YOUR KILN**  
**hotkilns.com**

Manufactured in Swedesboro, NJ  
800-750-8350 • sales@hotkilns.com

Bulletin No: BL-T3427 REV: A

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# Electrical Specifications for T3427

## DaVinci Top-Loading Kilns

USA

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
T3427-D-240	K-T-3427/31	240/1P	24,936	103.9	3/0	150	K-T-342P/31	30,477	127.0	4/0	175
T3427-D-240-3P	K-T-3427/32	240/3P	24,936	60.0	3 ga	80	K-T-342P/32	30,477	80.8	1 ga	110
T3427-D-208	K-T-3427/21	208/1P	24,936	119.9	3/0	150	K-T-342P/21	30,477	146.5	250 mcm	200
T3427-D-208-3P	K-T-3427/22	208/3P	24,936	69.2	2 ga	90	K-T-342P/22	30,477	93.2	1/0	125
T3427-D-480-3P	K-T-3427/62	480/3P	24,936	30.0	8 ga	40	K-T-342P/62	30,477	40.0	6 ga	50
TB3427-D-240	K-T-342B/31	240/1P	29,901	124.6	4/0	175	K-T-342W/31	36,546	152.3	250 mcm	200
TB3427-D-240-3P	K-T-342B/32	240/3P	29,901	71.9	2 ga	90	K-T-342W/32	36,546	96.9	1/0	125
TB3427-D-208	K-T-342B/21	208/1P	29,901	143.8	250 mcm	200	K-T-342W/21	36,546	175.7	300 mcm	225
TB3427-D-208-3P	K-T-342B/22	208/3P	29,901	83.0	1 ga	110	K-T-342W/22	36,546	111.8	3/0	150
TB3427-D-480-3P	K-T-342B/62	480/3P	29,901	36.0	6 ga	50	K-T-342W/62	36,546	48.0	6 ga	60

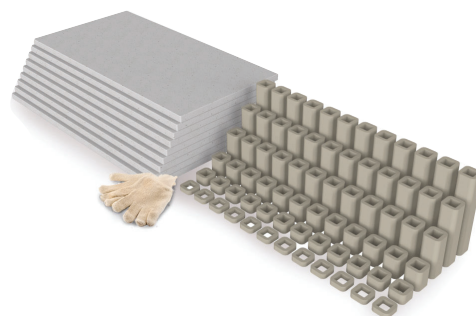
WORLD

T3427-D-220	K-T-3427/41	220/1P	24,936	113.3	3/0	150	K-T-342P/41	30,477	138.5	4/0	175
T3427-D-380-3PY	K-T-3427/52	380/3PY	24,936	37.8	6 ga	50	K-T-342P/52	30,477	63.0	3 ga	80
T3427-D-400-3PY	K-T-3427/82	400/3PY	24,936	36.1	6 ga	50	K-T-342P/82	30,477	60.2	3 ga	80
T3427-D-415-3PY	K-T-3427/72	415/3PY	24,936	34.6	6 ga	50	K-T-342P/72	30,477	57.7	3 ga	80
TB3427-D-220	K-T-342B/41	220/1P	29,901	135.9	4/0	175	K-T-342W/41	36,546	166.1	300 mcm	225
TB3427-D-380-3PY	K-T-342B/52	380/3PY	29,901	45.3	6 ga	60	K-T-342W/52	36,546	75.5	1 ga	100
TB3427-D-400-3PY	K-T-342B/82	400/3PY	29,901	43.3	6 ga	60	K-T-342W/82	36,546	72.2	1 ga	100
TB3427-D-415-3PY	K-T-342B/72	415/3PY	29,901	41.5	6 ga	60	K-T-342W/72	36,546	69.2	2 ga	90



**Control:** Full digital touchscreen Genesis control with easy-to-use interface, WiFi enabled app, and simple programs for firing ceramics or glass.

**For Model Number Powered Bottom Model:** Add a "PB" after the "D" (Example = T3427-D-PB-240-1).



**UL Listing:** c-ETL-us listed.

**Control Panels:** Floor standing panel. NEMA 1 panel are recommended but not required for 480 volts.

**TB MODELS:** TB models have more power.

**480 Volt Models with Quad Element Option:** See website kiln pages for electrical specifications.

**Crating:** Comes fully crated. Easily disassembles for installation.

### FURNITURE KIT FOR T3427

**Part Number:** H-T-K527/00

**Includes:** Nine 28" x 14" x 3/4" rectangular shelves (3/4" thick), twelve each 1/2", 1", 2", 4", 6", and 8" square posts, and one pair heat resistant gloves.

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