

2023

Product Catalogue

A brief introduction to Van Tuyl Kilns (Pty) Ltd.



Front-Loading Kilns



-  **5.2 cu ft**
(147 L)
-  **H 560**
W 500
D 530
-  **250kg**
-  **W 500**
L 400
T 16
-  **1280°C**

* Most popular: The VTFL-520S (see full range below)

Key features

- Built using high quality insulation bricks (K23's)
- Fitted with elements using Risisthom (FRA) element wire.
- Powder coated frame with a wooden storage shelf.
- Constructed with an arched roof fitted with a roof flute for improved moisture release, and an inspection bung in the door.
- Lockable safety latch fitted to door.
- Includes our easy-to-use programmable controller (VT36) that has its own plug so you can easily remove it and use it on another kiln.

Our Standard Range

Studio Front Loading Kilns									
Product Code	Size		Internal Dimensions			Controller Type (Included)	Amps	Power Supply	kw
	Litres	Cubic Feet	Height	Width	Depth				
VTFL-170(S)	47	1.7	370mm	350mm	350mm	VT-36 Programmable Controller	20	Single Phase	4.5
* Above unit is designed as a table-top kiln and not built with a freestanding frame as standard feature*									
VTFL -200(S)	55	2	456mm	350mm	350mm	VT-36 Programmable Controller	20	Single Phase	4.5
VTFL-300(S)	85	3	430mm	400mm	400mm	VT-36 Programmable Controller	25	Single Phase	5
VTFL-340(S)	95	3.4	456mm	456mm	456mm	VT-36 Programmable Controller	30	Single or Three Phase	5.5
VTFL-520(S)	146	5.2	560mm	500mm	530mm	VT-36 Programmable Controller	30	Single Phase	6.7
VTFL-600(S)	170	6	645mm	500mm	530mm	VT-36 Programmable Controller	40	Single Phase	8.8
VTFL-700(S)	196	7	660mm	560mm	530mm	VT-36 Programmable Controller	48	Single or Three Phase	10.5
VTFL-860(S)	243	8.6	810mm	560mm	530mm	VT-36 Programmable Controller	20 /phase	Three Phase	13.2
VTFL-1000(S)	289	10	675mm	560mm	765mm	VT-36 Programmable Controller	20/phase	Three Phase	14.5

Top-Loading Kilns



-  1.5 cu ft.
(43 L)
-  H 342
D 372
-  47kg
-  D 350
T 16
-  1280°C

* Most popular: The VTTL-150 (see full range below)

Key features

- Built using high quality insulation bricks (K23's)
- Fitted with elements using Risisthom (FRA) element wire.
- Brushed stainless steel with lockable wheels to move your kiln easily.
- Fitted with a lid flute for improved moisture release as well as an inspection bung.
- Lockable safety latch fitted to the lid.
- Easy access to the thermocouple.
- Includes our easy-to-use programmable controller (VT36) that has its own plug so you can easily remove it and use it on another kiln.

Our Standard Range

Top Loading Kiln Range								
Product Code	Size		Internal Dimensions		Controller Type (Included)	Amps	Power Supply	kw
	Litres	Cubic Feet	Height	Diameter				
VTTL-100	28	1	228mm	372mm	VT-36 Programmable Controller	10 Amps	Single Phase	2,2 kw
VTTL-150	43	1.5	342mm	372mm	VT-36 Programmable Controller	15 Amps	Single Phase	3,3 kw
VTTL-150W	43	1.5	228mm	480mm	VT-36 Programmable Controller	15 Amps	Single Phase	3,3 kw
VTTL-220	62	2.2	342mm	480mm	VT-36 Programmable Controller	20 Amps	Single Phase	4,4 kw
VTTL-290	82	2.9	456mm	480mm	VT-36 Programmable Controller	22,75 Amps	Single Phase	5 kw
VTTL-370	105	3.7	568mm	480mm	VT-36 Programmable Controller	25 Amps	Single Phase	5,5 kw
VTTL-460	130	4.6	456mm	600mm	VT-36 Programmable Controller	30 Amps	Single Phase	6,6 kw
VTTL-580	164	5.8	570mm	600mm	VT-36 Programmable Controller	36 Amps	Single Phase	8,0 kw

Programmable Kiln Controller

This user-friendly controller was developed specifically for Van Tuyl Kilns and is easy to use and understand. With functions for kiln management our controller can store up to 36 individual programmes, and is pre-programmed with 12 commonly used ceramic firing cycles. All programmes can be customised to suit your needs and set to either an 8 or 16 step cycle.



Key features

- **Delay** setting that allows you to delay the start of your program.
- **Auto restart** function restarts, recalculates, and continues firing in the event of a power interruption.
- You can store up to 36 programmes at one time.
- Large display with indicator lights (processing, heating, warnings & errors)
- Program stage graph with indicator light, to track where you are in the firing cycle (delays, ramp-ups, setup temperature and soaks).
- Key information about your program and kiln (Maximum temperature, Fire count, element time, running time, etc.).
- The controller is fitted with a plug and can be easily removed from your kiln and either stored or used on another kiln.