



# Front Loading Kilns

## Studio Range

Introducing our Studio Front Loading Kilns, where functionality meets aesthetics. Designed to complement your space, these kilns feature a coloured door and wooden rack for a less industrial appearance. Despite the stylish facade, rest assured, the Studio kiln range upholds the same rigorous quality standards as our other kiln ranges.

Our Studio Front Loading Kilns offer both superior craftsmanship and aesthetic appeal, featuring top-tier insulation materials and sturdy steel-framed construction. Equipped with a chimney for moisture release and Kanthal wire elements, they ensure precision and reliability. Standardized with a K-Type thermocouple and VT-96 programmable controller, these kilns provide effortless operation.

With a maximum temperature of 1300°C and powder-coated steel components, they promise durability and corrosion resistance. The arched roof design enhances structural strength and heat circulation, while freestanding models offer mobility with wheels.



Product Catalogue

2025

# Kiln Models

Studio Range - Front Loading Kilns									
Product Code	Size		Internal Dimensions			Controller Type (Included)	Amps	Power Supply	kw
	Litres	Cubic Feet	Height	Width	Depth				
VTFL-340(S)	95	3,4	456mm	456mm	456mm	VT-96 Programmable Controller	30 Amps	Single Phase	7,2 kw
VTFL-520(S)	148	5,2	560mm	500mm	530mm	VT-96 Programmable Controller	36 Amps	Single Phase	8,64 kw
VTFL-600(S)	171	6	645mm	500mm	530mm	VT-96 Programmable Controller	45 Amps	Single Phase or 3-Phase	10,8 kw
VTFL-700(S)	196	7	660mm	560mm	530mm	VT-36 Programmable Controller	48 Amps	Single Phase or 3-Phase	11,52 kw
VTFL-860(S)	243	8,6	810mm	560mm	530mm	VT-36 Programmable Controller	20 Amps /phase	3-Phase	14,4 kw

## Kiln Features



*Our kilns are equipped with a door latch, guaranteeing a snug seal to optimize efficiency, and can be securely locked for additional safety.*



*All our kilns are equipped with an Element Cut-Off switch, which automatically deactivates the electricity-carrying element when the kiln door is open. This feature is integral to ensuring safety.*



*We use a handy plug system to connect our controller and kiln, making it easy to switch between different kilns and can be stored safely when not in use.*

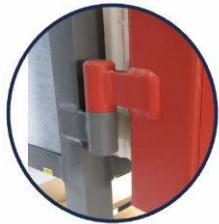


*The Element are fitted into neat Element Grooves that are manufactured into the kiln walls, this provided a snug fit, elements are less likely to come out and they are protected from possible damage from packing and unpacking of your kiln.*

# Kiln Features (continued)



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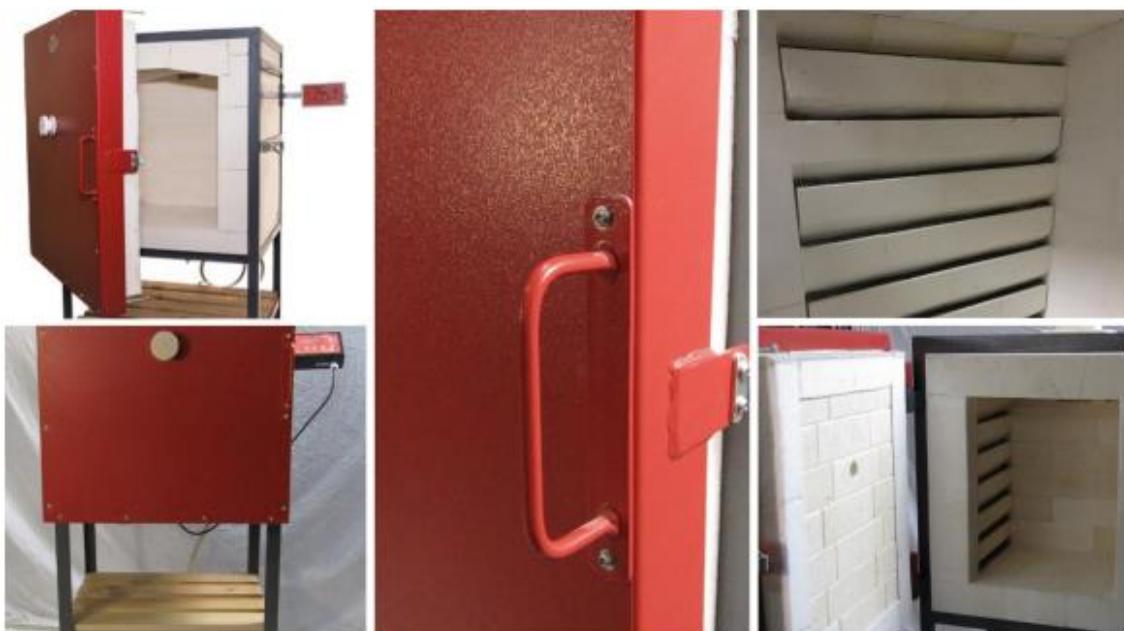
*Our front loading kiln doors are fitted with super strong Bullet Hinges that guarantee both strength and seamless operation, providing a sturdy yet effortlessly smooth opening of the door.*



*In our design, we've incorporated a dedicated electrical cavity at the back of the kiln to house the electronics. Ensuring good ventilation and equipped with a safety grid, this space prevents anything from falling into it. Moreover, it facilitates easy access if necessary.*



*All front-loading kilns come equipped with a Roof Chimney, providing an option for moisture management during ceramic programs if needed. A bung is provided to seal the chimney once the desired level of moisture has been released from the products.*



# VT96 - Kiln Controller

Van Tuyl Kilns now come with the newly designed VT96 Kiln Controller which features additional functionality, upgraded on-board components and new software. The VT96 stands out as a premier choice for kiln management, renowned for its ruggedness and reliability and can also be seamlessly integrated into most other kiln brands, serving as both a replacement and an upgrade.



## Key Functions:

- Over-Temperature Warning with 'Cut-Out' Function
- Fitted with external siren for warnings.
- Designed specifically for Van Tuyl Kilns with kiln users in mind.
- Capacity to store 36 Programs (for ceramic, glass, jewellery and industry).
- Comes with 12 pre-installed ceramic firing programs, serving as a helpful starting point (note: programs may vary and can be easily edited).
- Each program allows for multiple Ramp Ups, Ramp Downs, Set Temperature Points, and Soaks.
- A Delay feature for scheduling program start times.
- Graphic display for easy tracking of program progress.
- Element ON Indicator for real-time heating status.
- Error and Warning Indicators, including diagnosing errors or warnings identifying during the firing cycle, enhancing kiln safety and kiln shut down if required.
- Automatic Restart in case of power interruptions.
- Alarm setting capability, can be used during various stages of the program.
- The unit is enclosed in a compact ABS plastic box, known for its robustness and heat resistance.
- It's simple to install on any kiln, including those from competitors, as an upgrade or replacement.

## Contact Us



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