

# MELLEN

## VERSA FURNACE

### GENERAL INFORMATION

The furnace operates at temperatures up to 1250°C in air. It is a single-zone, high-temperature box furnace designed with a special door assembly. The door to the interior of the furnace is a slide open style to allow for easy access. Now the operator may use a single finger to open the furnace door, or even use an automated switch to open the door with the tap of a button. The furnace utilizes a high-temperature insulation package with 3 inch wall and roof thickness. The shell of the furnace is comprised of 1/8 inch thick sheet metal with a perforated shroud. The entire furnace assembly, including the insulation construction, is machined using CNC devices to ensure design repeatability and accuracy.

The Versa comes with many options, including:

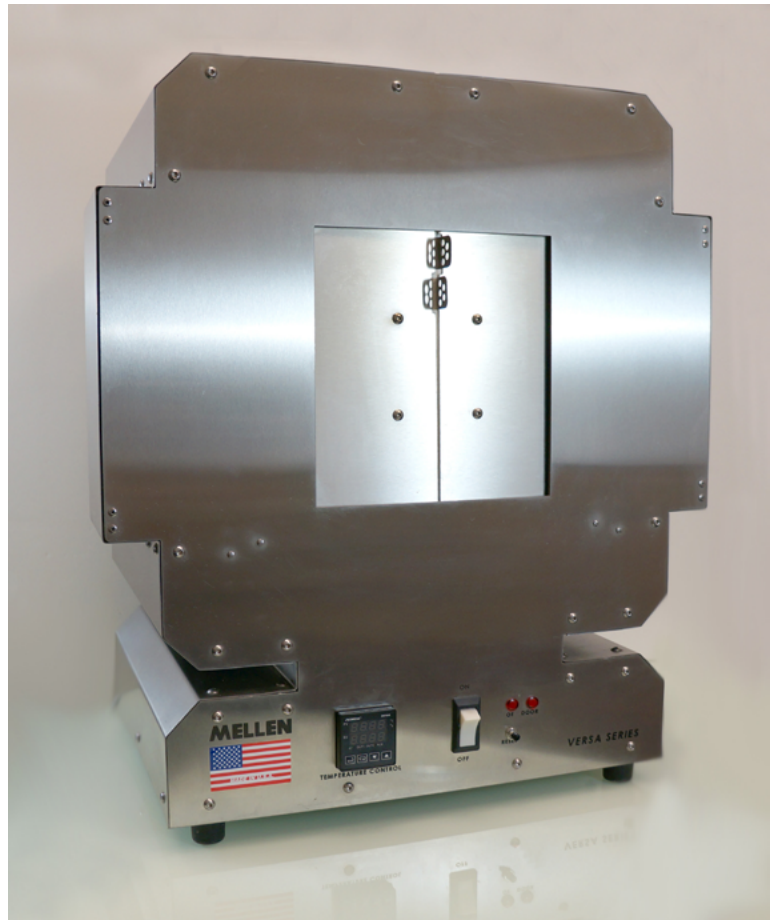
1. Electric Push Button (+\$895.00) - An electric push button can be added to the Versa Series furnaces in order to open the front door of the furnace and expose the hot face.
2. Active Cooling Technologies (+\$1295.00) - Advanced cooling of the furnace provides quick cooling of the furnace whenever you need it. Capable of cooling rates from 1000°C to 100°C in 25 minutes or less.

### HEATING ELEMENT

The furnace utilizes Flat Plate heating elements capable of 1250°C in air. These heating elements are Mellen's standard, with exposed APM windings in a rectangular ceramic holder on four sides of the internal chamber.

### CONTROLLER

The furnace system comes complete with an integral digital temperature control system featuring 8 Ramp/Soak/Programs, 8 segments, 2 Auxiliary Alarm Outputs, and an RS485 Communications Port. An integrated over temperature alarm is included.



<b>SERIES</b>	VERSA FURNACE
<b>MAXIMUM TEMPERATURE</b>	1250°C
<b>ELEMENT TYPE</b>	FLAT PLATE
<b>CONTROLLER</b>	INTEGRATED CONTROL SYSTEM
<b>VOLTS</b>	120V & 208V/240V
<b>VALID PRICE DATE</b>	2017



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MODEL NUMBER	HEATED LENGTH (WxHxD)	V:W	OVERALL DIMENSIONS (WxHxD)	LITERS	MAXIMUM TEMPERATURE	PRICE
VF12.5-6x6x6-IC-120V-IOT	6"x6"x6"	120V:2200W	21"x25"x16"	3.5 L	1250°C	\$2,295.00
VF12.5-6x6x6-IC-208/240V-IOT	6"x6"x6"	208/240V:2200W	21"x25"x16"	3.5 L	1250°C	\$2,295.00
VF12.5-6x6x12-IC-208/240V-IOT	6"x6"x12"	208/240V:4400W	21"x25"x18"	7 L	1250°C	\$2,995.00
VF12.5-6x6x18-IC-208/240V-IOT	6"x6"x18"	208/240V:6600W	21"x25"x24"	10.62 L	1250°C	\$3,995.00

Please note, all exterior dimensions are approximate.