



**Now Available** with a Digital Single-Setpoint Controller



Vulcan 3-550 PD (Power Door) Furnace For Hands-Free Operation

## Vulcan® Benchtop Furnaces

### Featuring High Performance Hybrid Muffle Technology - Exclusive to Ceramco®'s Neytech brand of furnaces

Vulcan® benchtop furnaces are available in three standard muffle sizes and each can be purchased with one of three different controllers. Single setpoint analog controllers are an economical option when rate of temperature climb is not a concern. Single setpoint digital controllers allow the operator to control the rate of temperature climb, and monitor the progress of the program on an easy-to-read, accurate digital display. Three-stage digital programmable models have nine multi-stage programs, a hold temperature program, and a delay start option which allows a program's start time to be delayed for up to seven days.

Each Vulcan is constructed with a heavy gauge steel cabinet finished with durable baked enamel coating. A vertical lift door is standard for operator safety and space conservation.

### Ceramco®'s Neytech benchtop furnaces feature:

- Control option: single point analog, digital or three-stage digital programmable
- High performance hybrid muffle design for faster heating and cooling than full firebrick
- Safety designed, vertical lift door saves space and directs heat away from the operator
- Venturi air exchange (selected models)
- Power door (selected models)
- 2-year limited warranty

**DENTSPLY**  
CERAMCO

*The chemistry of a great smile.™*

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REF 800357 Rev. 07/06



### 3-550 A - 3-1750A Air Exchange Furnace

Pre-heated air is drawn through the heating chamber using an exclusive air venturi exhaust

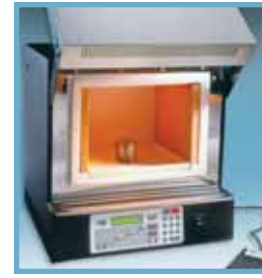
design. The result is that combustion gases are more rapidly exhausted, increasing combustion uniformity and furnace life. The furnace is designed to meet ASTM D3174 specifications. Above is the rear view of a NeyTech Vulcan furnace with a venturi exhaust system.



### Our New Single Setpoint Digital Controller

Adjust the rate of temperature climb to match

the requirements of different investments with this easy-to-program option.



### 3-550PD has a Power Door for Hands-Free Operation

You can now concentrate on the task of material handling

using both hands. The remote switch closure on the Ney Vulcan 3-550PD sets the standard for safety and convenience.

## Ten Specialty Models

The prefix refers to the Controller –  
"A" for Analog, Single Set Point;  
"D" for Single Set Point Digital Control;  
"3" for Digital, 3 Stage Programmable Control.

The numeral refers to the Chamber size in cubic inches-130, 550 and 1750. (For exterior and muffle dimensions see lower left column.)

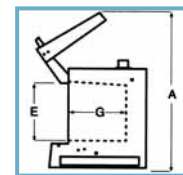
The suffix refers to – "A" for Air Venturi,  
"PD" for Power Door.

\*Vulcan benchtop furnaces have a maximum temperature of 1100°C (2012°F).

Model	Number	Voltage	Marking	Watts
A-130	9493300	120V - 50/60Hz	ETL	720
	9493301	200-240V - 50/60Hz	CE	1060
D-130	9495120	120V - 50/60Hz	ETL	720
	9495121	200-240V - 50/60Hz	CE	1060
3-130	9493302	120V - 50/60Hz	ETL	720
	9493303	200-240V - 50/60Hz	CE	1060
A-550	9493306	120V - 50/60Hz	ETL	1440
	9493307	200-240V - 50/60Hz	CE	2400
D-550	9495130	120V - 50/60Hz	ETL	1440
	9495131	200-240V - 50/60Hz	CE	2400
3-550	9493308	120V - 50/60Hz	ETL	1440
	9493909	200-240V - 50/60Hz	CE	2400
3-550A	9493985	230V - 50/60Hz	ETL & CE	2200
3-550PD	9493826	120V - 50/60Hz	ETL	1440
	9493827	200-240V - 50/60Hz	CE	2400
A-1750	9493407	200-240V - 50/60Hz	ETL	4800
	9493657 (Euro)	230V - 50/60Hz	CE	4370
D-1750	9495140	200-240V - 50/60Hz	ETL	4800
	9495141 (Euro)	230V - 50/60Hz	CE	4370
3-1750	9493409	200-240V - 50/60Hz	ETL	4800
	9493658 (Euro)	230V - 50/60Hz	CE	4370
3-1750A	9493990	230V - 50/60Hz	ETL & CE	4370

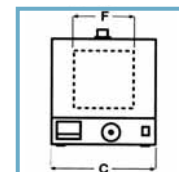
### Exterior Dimensions

Model	A	B	C	D
130	510mm (20.0")	350mm (13.8")	290mm (11.5")	330mm (13.0")
550	630mm (25.0")	410mm (16.0")	400mm (15.8")	430mm (17.0")
3-550A	630mm (25.0")	430mm (17.0")*	400mm (15.8")	489mm (19.3")*
1750	815mm (32.0")	545mm (21.5")	610mm (24.0")	535mm (21.0")
3-1750A	815mm (32.0")	541mm (21.3")	610mm (24.0")	584mm (23.0")*



### Internal Muffle Dimensions

Model	E	F	G
130	120mm (4.6")	140mm (5.7")	130mm (5.2")
550	180mm (7.0")	230mm (9.0")	230mm (9.0")
3-550A	180mm (7.0")	230mm (9.0")*	230mm (9.0")
1750	250mm (10.0")	360mm (14.0")	320mm (12.5")
3-1750A	250mm (10.0")	360mm (14.0")	320mm (12.5")



\* Dimension includes exhaust tube not shown

Model	Furnace Weight	Shipping Weight
130	11 kg (25 lbs.)	16 kg (35 lbs.)
550	20 kg (45 lbs.)	27 kg (60 lbs.)
3-550A	23 kg (51 lbs.)	28 kg (62 lbs.)
1750	45 kg (100 lbs.)	61 kg (135 lbs.)
3-1750A	55 kg (120 lbs.)	67 kg (148 lbs.)

