



### DESCRIPTION

Thermostatic stoves are indispensable for all industrial labs, and technical and research institutes. They are used for heating all kinds of products, for drying tests, for determining water content, for heating samples to be used in subsequent processing phases, etc..

They are used in the ceramic industry to determine moisture levels in powders, to prepare tiles prior to glazing, to dry the glaze after application, to carry out standardised tests, etc..

The offer is a series of thoroughly tested models which can satisfy all user requirements.

### THERMOSTATIC STOVES VC SERIES

*Natural convection and forced air circulation*

Maximum temperature +250 °C

### GENERAL FEATURES

- Construction: Aisi 430 internal chamber and shelves. Aisi 304 for external structure satin-finish "scotch-brite" type.
- Internal chamber with laminar air circulation and uniform heat distribution ensured by two lateral convective chambers with perforated walls and the position of the heating elements in the preheating chamber.
- High quality mineral wool heat insulation.
- One or two insulated front doors, depending on the model, with silicon rubber gaskets.
- Adjustable device for the air exhaust.
- Perforated extractable shelves can be positioned at different heights.
- For models with forced air circulation a fan motor is fitted for the suction of the air, fixed at the side of the chamber.

### THERMOREGULATIONS STANDARD EQUIPMENT

Digital P.I.D thermoregulator with auto tuning with PT 100 platinum probe. 3 figures (1°C) visualized resolution, double display (set point, detected temperature).

Double temperature protection system with:

- safety thermostat, independent and adjustable, with visible alarm.
- safety device with adjustable threshold in relation of the set point (at fixed 5 °C over the set point) with visible alarm.

NATURAL CONVECTION	Model	Capacity (L)	Internal dimensions (mm)	External dimensions (mm)	Doors	Shelves supplied	N. of extra shelves	Power supply	Power (kW)	Weight (kg)
	VCN 021	<b>21</b>	310x250x260	610x385x560	1	1	0	230V 50Hz	0,8	25
	VCN 040	<b>40</b>	430x300x310	730x460x610	1	1	2	230V 50Hz	1	36
	VCN 058	<b>58</b>	460x350x360	760x520x660	1	2	2	230V 50Hz	1,2	42
	VCN 096	<b>96</b>	540x420x440	840x580x760	1	2	3	230V 50Hz	1,5	58
	VCN 162	<b>162</b>	600x450x600	900x610x900	1	2	3	230V 50Hz	2	70
	VCN 245	<b>247</b>	600x550x750	900x675x1020	1	2	3	230V 50Hz	2,4	78
	VCN 400	<b>400</b>	830x580x830	1130x715x1130	2	2	3	230V 50Hz	2,8	90
	VCN 760	<b>760</b>	1000x630x1200	1300x765x1500	2	3	4	400V 3F(P) 50Hz	4,1	127

(All data is not binding, the manufacturer reserves the right to modify them)

FORCED AIR CIRCULATION	Model	Capacity (L)	Internal dimensions (mm)	External dimensions (mm)	Doors	Shelves supplied	Power supply	Power (kW)	Weight (kg)
						N. of extra shelves			
VCF 021	<b>21</b>	310x250x260	610x385x560	1	1	0	230V 50Hz	0,8	25
	<b>40</b>	430x300x310	730x460x610	1	1	2	230V 50Hz	1	36
	<b>58</b>	460x350x360	760x520x660	1	2	2	230V 50Hz	1,2	42
	<b>96</b>	540x420x440	840x580x760	1	2	3	230V 50Hz	1,5	59
	<b>162</b>	600x450x600	900x610x900	1	2	3	230V 50Hz	2	71
	<b>247</b>	600x550x750	900x675x1020	1	2	3	230V 50Hz	2,4	80
	<b>400</b>	830x580x830	1130x715x1130	2	2	3	230V 50Hz	2,8	91
	<b>760</b>	1000x630x1200	1300x765x1500	2	3	4	400V 3F(P) 50Hz	4,1	128

(All data is not binding, the manufacturer reserves the right to modify them)

#### SPARE PARTS AND ACCESSORIES

- Shelf for stoves capacity 21 L
- Shelf for stoves capacity 40 L
- Shelf for stoves capacity 58 L
- Shelf for stoves capacity 96 L
- Shelf for stoves capacity 162 L
- Shelf for stoves capacity 245 L
- Shelf for stoves capacity 400 L
- Shelf for stoves capacity 760 L
- Digital timer/connecting switch 24h/weekly that allows to program working cycles on 24h/weekly base..
- Floor support for above in stainless steel.  
Made for specific model on request.