

These top loading chamber furnaces are particularly suited for applications involving tall crucibles and heavy components.

Heating elements in all four walls minimise the risk of damage from spills and ensures good temperature uniformity. The smaller two furnaces may be bench-mounted, but best access is provided when these furnaces are located on the floor.

Standard features

- 1200 °C maximum operating temperature
- 5, 10, 23 or 100 litre chamber volume
- Free radiating wire elements in all 4 sides of chamber
- Vented top opening door
- Angled control panel, protected but clearly visible
- Carbolite 301 controller with single ramp to setpoint & process timer
- Thermocouple protected by ceramic sheath



VCF 12/5

Options (specify these at time of order)

- Over-temperature protection (recommended to protect valuable contents & for unattended operation)
- A range of sophisticated digital controllers, multi-segment programmers and data loggers is available. These can be fitted with RS232, RS485 or Ethernet communications (see pages 88-91)

Technical data

Model	Max temp (°C)	Heat-up time (mins)	Dimensions: Internal H x W x D (mm)	Dimensions: External H x W x D (mm)	Volume (litres)	Max power (W)	Holding power (W)	Thermocouple type	Weight (kg)
VCF 12/5	1200	102	260 x 155 x 130	660 x 530 x 405 (Floor-standing)	5	2500	900	R	50
VCF 12/10	1200	138	365 x 180 x 155	765 x 555 x 430 (Floor-standing)	10	3000	1200	R	60
VCF 12/23	1200	125	450 x 250 x 200	850 x 600 x 500 (Floor-standing)	23	6000	2500	R	130
VCF 12/100	1200	150	600 x 410 x 410	1100 x 930 x 950 (Floor-standing)	100	15000	6000	R	200

- i Please note:**
- Heat up time is measured to 100°C below max, using an empty chamber
 - Holding power is measured at continuous operating temperature
 - The uniform volume is smaller than the total chamber volume



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.