

Vertical Furnace VLFC

Standard configuration:

- Double wall carbon steel chamber
- Graphite hot zone
- Fully automatic high or low vacuum system
- 850 mbar inert gas recirculating fast cool system
- Eurotherm instrumentation and PLC control



Vacuum furnace design options include

- All metallic hot zones
- Graphitic hot zones
- Composite hot zones
- Overpressure inert gas cooling
- Convective heating
- Stainless steel vacuum chambers
- Heating hydrogen partial pressure
- Special pumping systems
- Computerised control systems

Standard Vertical Furnace - 1300°C

Model	Work Zone (mm)	Load (kgs)	KVA Rating
VLFC 1218	300 x 450	60	35
VLFC 2030	500 x 700	250	100
VLFC 2442	600 x 1065	500	150

Vertical Furnace Series 16 & 24

Standard Configuration:

- Double wall stainless steel chamber
- Molybdenum heating elements and graphite felt insulation
- Fully automatic high or low vacuum pumping system
- 850 mbar inert gas recirculating fast cool system incorporating internal fan and heat exchanger.

Design options:

- All metal heating insulation
- High temperature versions - 1500°C and 1600°C
- Turbomolecular pumping systems
- Cryogenic pumping systems
- Hydrogen Partial pressure heating
- Computer control



Series 16 and 24 Vertical Furnaces

Model	Work Zone (mm)	Load (kgs)	KVA Rating
Series 16	250 x 355	22	25
Series 24	400 x 430	90	55
Series 24/30	400 x 650	100	75

Refurbishments

CVE offer second hand, fully refurbished vacuum furnaces that are factory rebuilt complete with 6 months warranty. These machines can provide a cost effective way to enhance production facilities.

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