



Electric Furnace Technology

1400, 1500, 1600°C furnaces

A complete collection of high quality chamber furnaces for high temperature laboratory & research applications

3 popular furnace ranges

MF (3 sizes) 1400°C

HF (3 sizes) 1500°C

VF (2 sizes) 1600°C

- Roof mounted silicon carbide rod elements supply excellent temperature uniformity throughout the work chamber.
- Door opens vertically to ensure the hot plug is away from the operator at all times.
- Door safety switch turns off power to the elements whenever the door is opened.
- Choice of digital controller (see separate information).
- Single phase power source.
- High quality insulation incorporating a double skin case ensuring low outer surface temperatures.
- Powder coating finish.
- Typical uses: General laboratory eg. Education Authorities, Research institutes



Model		Model MF			Model HF			Model VF		
		1	2	3	1	2	3	1	2	
Chamber Size (m/m)	H	90	100	150	90	100	150	100	150	
	W	125	150	180	125	150	180	150	180	
	D	180	305	355	180	305	355	255	355	
External Size (m/m)	H	560	580	650	650	650	710	695	745	
	W	420	460	535	520	535	535	570	600	
	D	395	500	540	400	540	575	505	590	
Volume (Litres)		2.0	4.6	9.6	2.0	4.6	9.6	3.8	9.6	
Maximum Temperature		1400°C			1500°C			1600°C		
Maximum Continuous Working Temperature		1350°C			1450C			1550°C		
Temperature Sensor		Type 'R'								
Max Power Rating (kW)		2.25	5	7	3.5	5.25	7	4.5	7.5	
Power Control		Solid State Relay								
Over Temp Protection		Thermal Fuse Standard			Optional extra					
Insulation Material		High Quality Low Thermal Mass Materials								
Chimney		Optional Extra								

Vecstar Ltd

Units 11 & 12 Foxwood Road Dunston Trading Estate Chesterfield S41 9RF
Tel: 01246 260094 Fax: 01246 450213 Email: enquiries@vecstar.co.uk