



## Electric Furnace Technology

### Ashing furnaces

Two popular sizes designed to give the correct amount of air flow to achieve complete combustion.

- Wire wound ceramic muffle chamber for excellent uniformity and smooth durable inner surface.
- 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.
- Aluminium chimney.
- Powder coating finish.
- Typical uses: general laboratory use, e.g. food analysis, agricultural research.



Model		Ashing Furnace AF	
		1	2
Chamber size (m\m)	H	90	90
	W	180	180
	D	355	455
External size (m\m)	H	595	595
	W	455	455
	D	550	650
Volume (litres)		5.7	7.2
Maximum temperature		1200°C	1200°C
Maximum continuous working temperature		1150°C	1150°C
Temperature sensor		Type K	Type K
Maximum power rating (kW)		3.0	3.9
Power control		Solid state relay	
Oven temperature protection		Thermal fuse standard	
Insulation material		A mixture of low thermal mass & refractory brick	
Chimney		Standard	
Eurotherm controller		2116, 2416, 2408 (see separate information)	

### Vecstar Ltd

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