



Electric Furnace Technology

Muffle Furnaces

A comprehensive range of durable high quality muffle furnaces offering a wide range of chamber sizes incorporating the following features.

- 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
- Stainless Steel chimney
- Powder coating finish
- Typical uses: general laboratory use, e.g. education authorities, research institutes



Model		EF			LF			PF			
		1	2	3	1	2	3	1	2	3	4
Chamber size (m\m)	H	100	120	120	100	120	120	140	205	205	305
	W	125	180	180	125	180	180	190	230	305	305
	D	150	180	355	150	180	355	560	460	460	460
External size (m\m)	H	575	595	595	575	595	595	580	575	575	575
	W	400	455	455	400	455	455	440	400	400	400
	D	345	375	550	345	375	550	765	345	345	345
Volume (litres)		1.9	3.9	7.7	1.9	3.9	7.7	14.9	21.7	28.8	42.8
Maximum temperature		1100°C			1200°C			1200°C			
Maximum continuous working temperature		1100°C			1150°C			1150°C			
Temperature sensor		Type'K'			Type'R'						
Maximum power rating (kW)		1.6	2	3	1.6	2	3	5.75	6	7	7
Power control		Contactor			Solid State Relay						
Over temperature protection		N/A			Thermal Fuse Standard						
Insulation material		High Quality Low Thermal Mass Materials									
Chimney		N/A			Standard			Optional Extra			

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