



Electric Furnace Technology

1300°C furnaces

A comprehensive range of high temperature muffle and chamber furnaces with simple operation and robust construction incorporating the following features.

- Heating elements on models 1-4 are high quality resistance wire and sealed on to a refractory muffle. Models 5 & 6 are resistance wire elements supported on ceramic tubes and mounted in the roof and sides of the chamber for excellent temperature uniformity.
- Door opens vertically to ensure the hot plug is away from the operator at all times.
- Door safety switch turns off the power to the elements whenever the door is opened.
- Choice of digital controller (See separate information).
- High quality insulation incorporating a double skin case ensuring low outer surface temperatures.
- Powder coating finish.
- Typical uses, general laboratory research and light industrial.



Model		MRF	MRF	MRF	MRF	MRF	MRF
		1	2	3	4	5	6
Chamber size (m/m)	H	120	120	205	205	305	300
	W	180	180	230	305	305	450
	D	180	355	460	460	460	600
External Size (m/m)	H	595	595	650	650	880	880
	W	455	455	540	615	790	935
	D	375	550	655	665	665	805
Volume (litres)		3.9	7.7	21.7	28.8	42.8	81.0
Maximum temperature		1300°C					
Maximum Continuous Working Temperature		1250°C				1300°C	
Temperature Sensor		Type 'R'					
Max Power Rating (kW)		2.5	3.5	7.0	8.0	9.0	15.0
Power Control		Solid State Relay					
Over Temp Protection		Optional Extra					
Insulation Material		High Quality Low Thermal Mass Materials					
Electricity Supply		1Ph	1Ph	1Ph	1Ph	3Ph	3Ph
Chimney		Optional Extra					

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