

WIRE EMBEDDED ELEMENT MUFFLE FURNACES

Models WEM132A, WEM172A & WEM202A



Temperature Max. 1250°C Max. Continuous 1200°C

Lining Silicon carbide muffle inside K23 insulating bricks, grooved to support heating elements.

Elements Wire - Kanthal A1

Thermocouple Type 'K' or type 'N'

Power Control Solid State Relay(s) via temperature controller and incorporating a power isolating door interlock switch.

Construction Twin skin construction with extruded aluminium frame, clad in steel panels, all powder coated for easy cleaning, over a steel-cased heating module.

Insulation Insulating brick with ceramic fibre backup insulation.

Door Standard - Stainless steel, counter-balanced top-opening.
Optional - Stainless steel, centre-pivot, side opening door.

Temperature Controller Temptron model AYT set-point controller or AYP digital PID with sixteen-step program function.

Venting Standard - Non assisted with exhaust vent tube through rear.
Optional - Rear chimney, adjustable preheated airflow or fan assisted, as required.

Overtemperature Protection
Standard - Nil.
Optional - Monitor control using a limit controller and discrete thermocouple.

Model	Chamber H x W x D	Power	External H x W x D	Weight	Ship Wt.
WEM132A	150 x 230 x 380 mm	7.2Kw	865 x 650 x 740 mm	100Kgs	155Kgs
WEM172A	150 x 250 x 460 mm	7.2Kw	865 x 650 x 740 mm	105 Kgs	160Kgs
WEM202A	180 x 260 x 460 mm	8.6Kw	845 x 760 x 850 mm	135Kgs	220Kgs

Modutemp furnaces are fully tested prior to shipment and programmed ready for intended application