

HIGH TEMPERATURE FURNACES

Models KS37EVM, KS77EVM, KS157EVM, KS277EVM for 1700°C
Models KS38EVM, KS78EVM, KS158EVM & KS278EVM for 1800°C



Lining Ceramic fibre hot-face insulation with ceramic fibre back-up.
Elements Molybdenum Disilicide
Max Temp. Models KS37, 77, 157, 277 - 1700°C
 Models KS38, 78, 158, 278 - 1800°C
Max Cont. Models KS37, 77, 157, 277 - 1650°C
 Models KS38, 78, 158, 278 - 1750°C
Thermocouple Type 'B' or 'Pt/Rh 20/40'
Power Control Modutemp Control Module. Solid state phase-angle controller over a step-down transformer with soft-start and current limiting.

Construction Twin skin construction with extruded aluminium frame clad in steel panels, all powder coated for easy cleaning, over a steel-cased heating module. Cooling fan(s) draw air between skins continuously.
Door Standard - Stainless steel centre pivot side opening door. Optional- Stainless steel, counterbalanced, top opening door.
Temperature Controller Yokogawa model UP350 digital programmable controller.
Venting Available for special purposes only.
Overtemperature Protection Standard - monitory control with a limit controller and discrete thermocouple

Model	Chamber H x W x D	Power	External H x W x D	Weight
KS37EVM & KS38EVM	150 x 150 x 165 mm	4.8Kw	505 x 840 x 570 mm	120Kgs
KS77EVM & KS78EVM	150 x 150 x 300 mm	5.8Kw	505 x 840 x 570 mm	135Kgs
KS157EVM & KS158EVM	250 x 250 x 250 mm	9.6Kw	635 x 840 x 700 mm	160Kgs
KS277EVM & KS278EVM	300 x 350 x 325 mm	12.0Kw	1635 x 800 x 775 mm	240Kgs

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