

1400°C SILICON CARBIDE FURNACES (BRICK INSULATION)

Models SC93A, SC123A, SC183A, SC273A & SC343A



Lining JM26 insulating brick.
Elements Silicon Carbide double-ended.
Max Temp. 1400°C **Max Cont.** 1300°C
Thermocouple Type 'R'
Power Control Solid State Relay(s) via temperature controller with a power isolating door interlock switch. Where variable power control is selected, Modutemp 2 or 3 Phase Control Module. Solid state, phase angle control with adjustable power regulation to counter the effects of element ageing. Soft start function and power metering included. A door operated isolating switch is fitted.

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.

Insulation Insulating bricks with ceramic fibre board backup insulation.
Door Standard - Stainless steel, counterbalanced, top opening door.
 Optional - Stainless steel, centre pivot, side opening door.
Temperature Controller Temptron digital P.I.D. controller with single set-point or multi-step program function.
Venting Standard - Non assisted with exhaust vent through top/rear.
 Optional - Fan assisted venting for noxious or corrosive fumes.
Overtemperature Protection Standard - Nil.
 Optional - Monitory control using a limit controller and discrete thermocouple.

Model	Chamber H x W x D	Power	Kw	External H x W x D	Variable Power	Power	Var.Kw
SC93A	150 x 200 x 315 mm	240V x 1	3.6	705 x 650 x 600 mm	SC93AV	240V x 2	3.6-9.6
SC123A	150 x 200 x 430 mm	240V x 2	7.2	705 x 650 x 740 mm	SC123AV	240V x 3	5.4-14.4
SC183A	200 x 230 x 430 mm	240V x 2	7.2	765 x 650 x 740 mm	SC183AV	240V x 3	5.4-14.4
SC273A	250 x 250 x 430 mm	240V x 2	7.2	765 x 650 x 740 mm	SC273AV	240V x 3	5.4-14.4
SC343A	250 x 300 x 430 mm	240V x 2	7.2	765 x 650 x 740 mm	SC343AV	240V x 3	5.4-14.4

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