

1250°C SILICON CARBIDE FURNACES (BRICK INSULATION)

Models SC92A, SC122A, SC182A, SC272A & SC342A



Lining Elements JM23 insulating brick.
Silicon Carbide double-ended.

Max Temp. 1250°C **Max Cont.** 1150°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 aluminum frame clad in steel panels, all powder coated for easy cleaning, over a steel cased heating module

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 tube 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
SC92A	150 x 200 x 315 mm	240V x 1	3.6	705 x 650 x 600 mm	SC92AV	240V x 2	3.6-9.6
SC122A	150 x 200 x 430 mm	240V x 2	7.2	705 x 650 x 740 mm	SC122AV	240V x 3	5.4-14.4
SC182A	200 x 230 x 430 mm	240V x 2	7.2	765 x 650 x 740 mm	SC182AV	240V x 3	5.4-14.4
SC272A	250 x 250 x 430 mm	240V x 2	7.2	765 x 650 x 740 mm	SC272AV	240V x 3	5.4-14.4
SC342A	250 x 300 x 430 mm	240V x 2	7.2	765 x 650 x 740 mm	SC342AV	240V x 3	5.4-14.4

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