

## 1600°C SILICON CARBIDE FURNACES (CERAMIC FIBRE INSULATION)

Models SC66BV, SC96BV, SC126BV, SC186BV, SC276BV & SC346BV



- Lining** Ceramic fibre hot face insulation with ceramic fibre back-up.
- Elements** Silicon carbide double-ended.
- Max. Temp.** 1600°C **Max. Cont.** 1550°C
- Thermocouple** Type 'R'
- Power Control** Modutemp 1, 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 also 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.
- 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 rear.  
Optional - Fan assisted venting for noxious or corrosive fumes.
- Overtemperature Protection**  
Standard - Nil.  
Optional - Monitory control with a limit controller and discrete thermocouple.

Model	Chamber H x W x D	Power	Kw	External H x W x D	Weight
SC66BV	130 x 165 x 250 mm	240V x 1	1.8-4.8	615 x 495 x 520 mm	65Kgs
SC96BV	150 x 200 x 315 mm	240V x 2	3.6-9.6	705 x 650 x 600 mm	75Kgs
SC126BV	150 x 200 x 430 mm	240V x 3	5.5-14.4	705 x 650 x 740 mm	90Kgs
SC186BV	200 x 230 x 460 mm	240V x 3	5.5-14.4	705 x 650 x 740 mm	105Kgs
SC276BV	250 x 250 x 460 mm	240V x 3	5.5-14.4	765 x 650 x 740 mm	105Kgs
SC346BV	250 x 300 x 460 mm	240V x 3	5.5-14.4	765 x 650 x 740 mm	105Kgs