

SCF - Thermostatic oven with forced air circulation

available in various sizes and capacities

Our thermostatic ovens may be employed in different applications as, for example, for dry sterilization cycles, for thermal tests on materials (to verify resistance or deformations), or for any other work needing a uniform and careful warming process.

KEY FEATURES

- Full stainless steel construction, internal walls AISI 430, external structure AISI 304 “Scotch Brite”, allows maximum corrosion resistance and easy cleaning
- Internal chamber with laminar air circulation and uniform warmth distribution offered by two lateral convection ducts with perforated walls and by resistors position in pre-warming chamber
- Thermal insulation by high quality mineral fiber in adequate thickness.
- Front door with thermal insulation (one or two according to the model), with silicone rubber gasket.
- Perforated stainless steel AISI 430 lean shelves, extractable and fixable on different heights.
- Pass-through port (on the back wall) for exhaust air external probes
- Rubber antiskid feet adjustable in height.



STANDARD HEAT REGULATION EQUIPMENT

- Digital microprocessor-based PID touchscreen temperature controller with auto-tuning and PT100 platinum probe
- Temperature range from +10°C above ambient temperature to +250°C
- Sensitive Touch keypad with full front-panel protection against dust and liquids (IP65 rating)
- Integrated 99h 59' digital timer; countdown/continuous operation and delayed start functions
- Independent, adjustable over-temperature safety thermostat (Class 3.1 – DIN 12880); activates in the event of main temperature controller or probe failure, with visual alarm
- Chamber temperature uniformity: $\pm 1.5^{\circ}\text{C}$ at 150°C
- Temperature stability (over time): $\pm 0.3^{\circ}\text{C}$ at 150°C
- Compliant with European Council Directives 2006/42/EC (Machinery Directive), 2014/35/EU (Low Voltage Directive), 2014/30/EU (Electromagnetic Compatibility Directive), and EN 6101-1:(2001) standards.
- Temperature calibration certificate issued via an ACCREDIA-certified thermometric chain

MADE IN ITALY

On request:

- Serial interface RS485 – RS232
- Management software (reporting, graphics, alarms, running process visualization)
- 4 wheels Kit for floor stand (n.2 with brake)

Technical data

Thermostatic ovens of special sizes are built or on the customer's technical specifications and for continuous operation from 250 to 400 ° C

Code	Description	Int. dims. mm (WxHxD)	Ext. dims. excl. door handle mm (WxHxD)	Capacity	Shelves (sup plied/max)	Doors	Weight
9054002	SCF 21 - Thermostatic oven with forced air circulation	310x260x250	610x575x385	20	1 / 5	1	26
9054004	SCF 40 - Thermostatic oven with forced air circulation	430x310x300	730x610x460	40	1 / 6	1	37
9054006	SCF 58 - Thermostatic oven with forced air circulation	460x360x350	760x660x490	58	2 / 8	1	43
9054010	SCF 96 - Thermostatic oven with forced air circulation	540x440x420	840x760x530	100	2 / 9	1	60
9054016	SCF 162 - Thermostatic oven with forced air circulation	600x600x450	900x900x565	162	2 / 9	1	72

Code	Description	Int. dims. mm (WxHxD)	Ext. dims. excl. door handle mm (WxHxD)	Capacity	Shelves (sup plied/max)	Doors	Weight
9054025	SCF 245 - Thermostatic oven with forced air circulation	650x700x550	950x1020x680	250	2 / 10	1	80
9054040	SCF 400 - Thermostatic oven with forced air circulation	830x830x600	1130x1130x715	413	2 / 10	2	92
9054075	SCF 760 - Thermostatic oven with forced air circulation	1000x1200x630	1300x1520x760	756	3 / 18	2	131

Accessories

Foto	Code	Description
	8843201	
	8843203	
	8843224	
	8843251	
	8844101	
	8845315	

Foto	Code	Description
	8845340	
	8849318	
	8853624	