



Model FAC-138SS



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### Features

- Microprocessor-PID controller makes it easy to achieve and maintain the exact temperature desired.
- Set temperature easily and accurately with push-buttons.
- LED dual-display screen displays both the set and actual temperatures.
- Back-up system memory protects the set point values in case of power failure.
- Heavy duty hot air fan for long lasting operation.
- Special designed air flow system ensures uniform temperature distribution throughout the chamber.
- Cold air intake port and adjustable exhaust port ensure optimum performance in various applications.
- Shielded heating element is vertically mounted avoiding any chance of accidental spills from samples.
- An independent mechanical over temperature safety thermostat takes over control of oven if controller or sensor fails. This prevents destruction of your samples.
- Constructed of stainless steel interior and exterior.
- Double-wall design with fiberglass insulation for excellent heat retention.
- Stainless steel shelves are adjustable over the full height in ½" increment.
- Side swing door with a positive sealing door latch for convenient one-hand operation.
- Auto diagnostic system integrated in the controller ensures rapid identification and correction if any fault does occur.
- Off-set function for calibration use. Important for ISO/calibration requirements.
- Supplied with two stainless steel shelves and a two-meter power cord with grounded plug.

### Applications

- General drying
- Thermal testing
- Sterilizing
- Firing of coatings
- Heat treatment of polymers
- Baking
- Conditioning

### Options

- Simple 6-hour timer for drying
- Audible/visual alarm
- Test timer for heat treatment test

### Specifications

MODEL	FAC-138SS	FAC-360SS	FAC-1200SS
Type	Table Top	Floor standing	
Capacity	138 litres	360 litres	1200 litres
Cabinet construction	Rust-proof stainless steel interior and exterior, with insulation on the side and back panels		
Temperature setting	From ambient up to 220°C		
Controller	PID controller		
Temperature display	Digital, display up to 0.1°C		
Safety devices	Built-in thermostat and ELCB. Fitted with temperature alarm to avoid overheating.		
No. of shelves	2 units	3 units	
Shelves dimension (mm)	432W x 443D x 10H	656W x 572D x 16H	842W x 720D x 25H
Interior dimension (mm)	448W x 470D x 680H	689W x 678D x 915H	875W x 825D x 1650H
Exterior dimension (mm)	615W x 680D x 895H	902W x 820D x 1595H	1258W x 945D x 1920H
Electrical loading	1.5 kW	6 kW	
Heat up time to 150°C	20 min		
Recovery time	10 min	6 min	4 min
Electrical (Voltage)	240VAC, 50Hz, 6.4A	415VAC, 3Ø	
Weight (kg)	50 kg	170 kg	200 kg
Environmental	25 - 35°C		

All specifications are subject to change without prior notice.