

Phoenix Compact

Specifications for a Phoenix 40 & 60 electric model

Design Features

- 40 or 60 litres
- MP25 Controller
- Robust space-saving design
- Single Phase 'Plug & Play'
- Capacity of up to 13 x 1 litre bottles
- Phoenix 40 fits on standard bench
- Integral drip tray
- Grade 316 stainless steel chamber
- Anti door bolt over tight mechanism
- Complete versatility for almost any application

Optional Accessories

- Loading Baskets
- Waste Discard System
- Fan Assisted High Speed Cooling
- Condense Collector, which eliminates a drain requirement.
- Air removal HEPA filter
- Data Printers & Chart Recorders
- Vacuum & Drying options
- Anti Lime scale system

Capacities and dimensions

All measurements are in millimetres (mm) unless stated otherwise

Model	Phoenix 40	Phoenix 60
Autoclave Weight	108 kg	115 kg
Export Case Size	720w x 860h x 850d	720w x 860h x 1030d
Overall Dimensions	550w x 790h x 710d	550w x 790h x 860d
Chamber Dimensions	350 Ø x 460d	350 Ø x 600d
Useable Chamber Capacity	35.68 litres	47.60 litres
Water requirement	4.55 litres	6.80 litres

Safe Design Operating Limits

Model	Phoenix 40	Phoenix 60
Max working temperature	138° C	138° C
Min working temperature	7° C	7° C
Min ambient temperature	11° C	11° C
Max ambient temperature	28° C	28° C
Max hydraulic pressure	4.41 Bar	4.41 Bar
Max working pressure	2.62 Bar	2.62 Bar
Max working vacuum	Minus 1 Bar	Minus 1 Bar

Site Requirements

Electrical site requirement: 1 RCD 13amp Socket outlet

Model	Phoenix 40	Phoenix 60
Voltage	230 Volts	230 Volts
Phase requirement	1ph/N 50/60 hz	1ph/N 50/60 hz
Power consumption	3kw	3kw
Fuse rating	13amp	13amp

Option Requirements

- The auto fill option requires a header tank of 15 litres situated between one & four metres above the autoclave.
- Drying heater option will require vacuum and auto water dump with a plumbed in drain Service.
- Drain requirement of 150°C 35mm Ø copper pipe at floor level.

General Requirements

- Sodium Chloride within water supply MUST NOT EXCEED a level greater than 30 parts per million.
- Use regular mains water only. DO NOT USE distilled or RO water.

Complying Standards

- PED Cat 2 Module A1 Notified Body: Royal & Sun alliance No. 0040
- Harmonised Standards applied: EMC BS EN 61326
- Community directives applied : Pressure Equipment Directive 97/23/EC
- Designed in accordance with BS5500 & BS2646 part 1 EN 1919-2-41
- Chamber and Door constructed of stainless steel BS1501-321 S31 & BS 1501-316 S 31



“The Phoenix is the ideal compact autoclave for any small scale operation that needs reliable functionality without losing valuable Space”

Information is subject to change to suit different options added.

The information on this sheet is correct as of 5th March 2009. Please contact us if you have any queries. E & OE

