

# 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



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.