



# PERFORMANCE



## 450L AUTOCLAVE RECTANGULAR

EH450-PERFORMANCE  
SH450-PERFORMANCE



## 700L AUTOCLAVE RECTANGULAR

EH700-PERFORMANCE  
SH700-PERFORMANCE

Performance autoclaves are designed for high-throughput operation (i.e., more than four complete cycles each day) and are especially adept at challenging loads and items. These steam/water-jacketed sterilisers are fast to heat and fast to cool. They produce drier loads more quickly and reliably and at lower cost than many comparable sterilisers, allowing even modest labs access to the highest capacity and performance steam autoclaves available. Caster-mounted for easy transport, features fully customisable cycles (with expanded memory), pre-cycle and post-cycle vacuum, integrated cooling and freesteaming, drain protection, and air intake filtration. Electrical models come with an integral steam generator.

## SPEAK WITH AN AUTOCLAVE EXPERT



+44 (0)20 8316 6620 • [priorclave.co.uk](http://priorclave.co.uk) • [sales@priorclave.co.uk](mailto:sales@priorclave.co.uk)

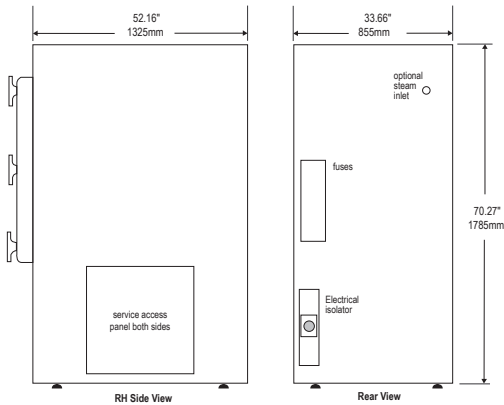
Our highly trained service technicians provide dedicated pre- and after-sales support including planned maintenance programmes to ensure you get the most from your Priorclave.

## KEY FEATURES

- Lower handwheel on door fitted with thermal and pressure locks to prevent opening at load temperature above 80°C and pressures above 0.2 bar.
- Tactrol® 3 microprocessor control with simple and fully variable setting of process time, temperature with graphic indication of cycle status.
- Automatic timed free-steaming.
- Water cooling jackets.
  - Pre-cycle vacuum in which multiple Vacuum stages are programmed with interspersed heating to achieve steam penetration. Incorporates Vacuum Assisted Cooling.
- Pulsed freesteaming to maximise efficiency of Pre-cycle vacuum phase.
- Low water level sensor.
- Post Cycle Drying.
- Two full width non-tipping stainless steel load shelves.
- Epoxy coated panels and frame members are treated with an anti-bacterial agent which is effective against all bacteria and fungi including MRSA.
- Pressure vessel carries a 10 year warranty and is insurance approved.
- Service and support direct from manufacturer (or appointed distributor).

# 450L AUTOCLAVE RECTANGULAR

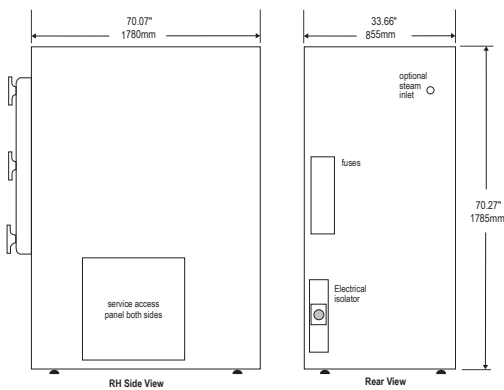
EH450-PERFORMANCE, SH450-PERFORMANCE



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	450 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	800mm (33.9")	48kW 69A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
675 x 900 x 755mm (26.57" x 35.43" x 29.72")		660 x 830 mm (25.98" x 32.67")		660 x 830mm (25.98" x 32.67")	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation w x d x h	Door Swing		
855 x 1325 x 1785mm (33.66" x 52.16" x 70.27")	770 kg (1697.57 lbs)	1525 x 1055 x 760mm (60.03" x 41.53" x 29.92")	855mm (33.66")		

# 700L AUTOCLAVE RECTANGULAR

EH700-PERFORMANCE, SH700-PERFORMANCE



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	700 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	800mm (33.9")	48kW 69A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
675 x 1360 x 755mm (26.57" x 53.54" x 29.72")		660 x 1223mm (25.98" x 48.14")		660 x 1223mm (25.98" x 48.14")	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation w x d x h	Door Swing		
855 x 1780 x 1785mm (33.66" x 70.07" x 70.27")	950 kg (2094.39 lbs)	1990 x 1055 x 760mm (78.34" x 41.53" x 29.92")	855mm (33.66")		

## CONFORMITY & COMPLIANCE

UK Standard ISO 9001 / CE Marked / BS2646

US Standard

EU Standard CE / ISO 9001 / PED 97/23/EC

INT Standard

EMC Compliance

Sustainability

Service

Priorclave Trained Standard