



Priorclave's Smart mid-sized rectangular autoclaves are intended for industrial, research, and production labs and facilities with greater or more diverse needs. They can adeptly handle standard tasks (e.g., media prep, waste loads, labware) but can also produce drier loads and more reliably handle complex loads that tend to trap air. Ideal for mixed waste loads, biological waste or pathogen-heavy materials, cloth and textile sterilisation, soil and substrate preparation, wrapped instruments, and porous loads. These sterilisers feature fully customisable cycles (with expanded memory), pre-cycle and post-cycle vacuum, integrated cooling and freesteaming, and air intake filtration.

SPEAK WITH AN AUTOCLAVE EXPERT



+44 (0)20 8316 6620 • priorclave.co.uk • sales@priorclave.co.uk

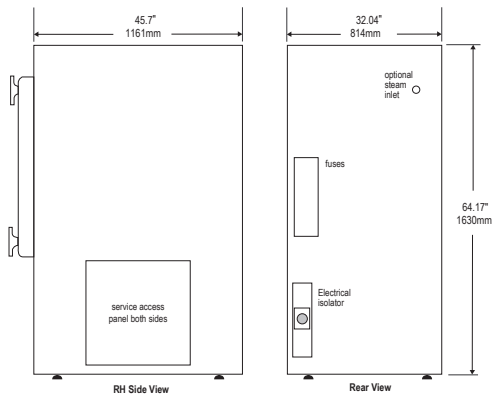
Our highly trained service technicians provide dedicated pre- and after-sales support including planned maintenance programmes to ensure you get the most from your Priorclave.

KEY FEATURES

- Lower handwheel on door is 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.
- Pre-cycle vacuum in which multiple Vacuum stages are programmed with interspersed heating to achieve steam penetration. Incorporates Vacuum Assisted Cooling¹
- 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).

230L AUTOCLAVE RECTANGULAR

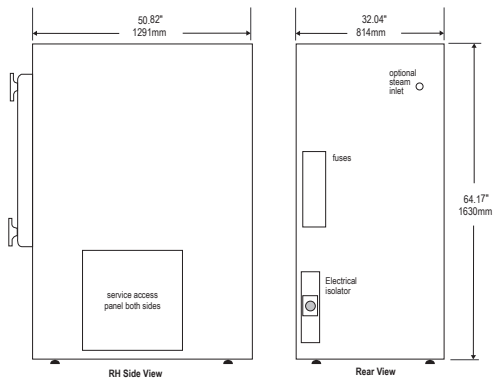
EH230-SMART, SH230-SMART



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	230 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	800mm (31.49")	21kW 30A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
580 x 600 x 600mm (22.83" x 23.62" x 23.62")		565 x 550mm (22.24" x 21.65")		565 x 550mm (22.24" x 21.65")	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation	Door Swing		
814 x 1161 x 1630mm (32.04" x 45.7" x 64.17")	560 kg (1234.59 lbs)	Please allow 500mm (19.69") either side and 300mm (11.81") at the back of the Autoclave.	760mm (24.6")		

285L AUTOCLAVE RECTANGULAR

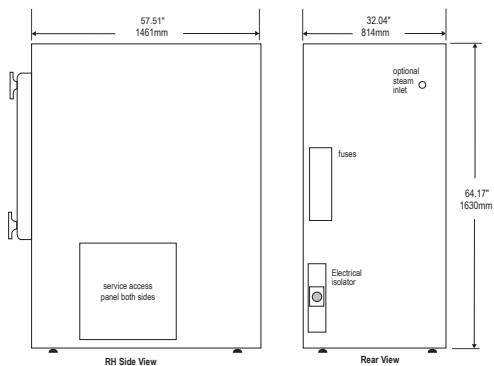
EH285-SMART, SH285-SMART



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	285 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	800mm (33.9")	21kW 30A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
580 x 760 x 600mm (22.83" x 29.92" x 23.62")		565 x 660mm (22.24" x 25.98")		565 x 660mm (22.24" x 25.98")	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation	Door Swing		
814 x 1291 x 1630mm (32.04" x 50.82" x 64.17")	600 kg (1322.77 lbs)	Please allow 500mm (19.69") either side and 300mm (11.81") at the back of the Autoclave.	760mm (24.6")		

350L AUTOCLAVE RECTANGULAR

EH350-SMART, SH350-SMART



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	350 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	800mm (33.9")	21kW 30A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
580 x 900 x 600mm (22.83" x 35.43" x 23.62")		565 x 850mm (22.24" x 33.46")		565 x 850mm (22.24" x 33.46")	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation	Door Swing		
814 x 1461 x 1630mm (32.04" x 57.51" x 64.17")	640 kg (1410.96 lbs)	Please allow 500mm (19.69") either side and 300mm (11.81") at the back of the Autoclave.	760mm (24.6")		

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