

Compact Benchtop Autoclaves

With a level of settings and operating flexibility usually reserved for larger autoclaves, the Priorclave H60 compact, front loading steam sterilisers enable laboratories with low volume requirements to enjoy the full benefits of a feature-packed range at an affordable price.

Designed for bench-mounting and easy installation, models in this versatile H60 range can be supplied for either manual or auto-water fill and come in a choice of standard or vacuum models. These models will appeal to laboratories where space is limited and infrequent sterilisations take place.

The H60 compact autoclave is ideally suited for use in a wide range of sterilising applications such as media preparation, laboratory waste, liquids and diluents, glassware, instruments and apparatus.

Key Features

- Extra deep chamber (may require slightly wide benchtop)
- Quickseal single-action door fitted with thermal and pressure locks to prevent opening at load temperature above 80°C and pressures above 0.2 bar.
- Tactrol 2 microprocessor control with simple and fully variable setting of process time, temperature with graphic indication of cycle station.
- Automatic timed free-steaming.
- Forced Air Cooling.
- Pre-cycle vacuum in which multiple Vacuum stages are programmed with interspersed heating to achieve steam penetration.¹ (optional on PS/MID/H60)
- Pulsed freesteaming to maximise efficiency of Pre-cycle vacuum phase.¹
- Media Warming and Delayed Start functions keep autoclaved media at a usable temperature ready for immediate use.
- Vacuum Assisted Cooling.¹
- Low water level sensor.
- Two loading 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).

¹ Vacuum models only PS/MVA/H60

Priorclave Limited
129-131 Nathan Way, West Thamesmead Business Park
London, SE28 0AB
T: +44 (0)20 8316 6620 F: +44 (0) 20 8855 0616
E: sales@priorclave.co.uk

www.priorclave.co.uk



standard H60

model: PS/MID/H60

autoclave capacity	60 litres
chamber size	350mm dia x 625mm
chamber material	polished 316 stainless steel
loading format	front
operating range	up to 140°C, 2.4 bar
heater power	3kW - 13A single phase
water supply	n/a
water tank capacity	3 litres
weight	85kg



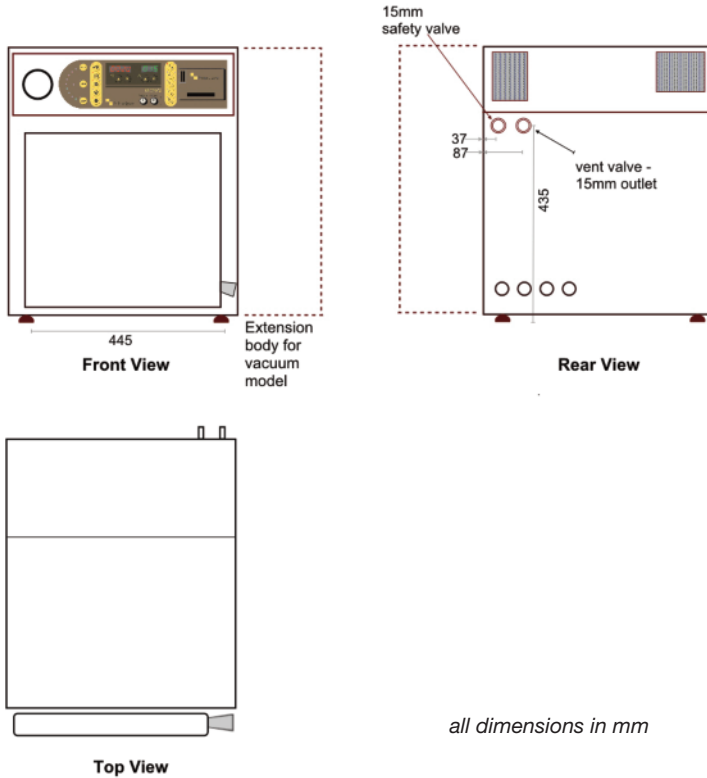
standard H60 with vacuum

model:PS/MVA/H60

autoclave capacity	60 litres
chamber size	350mm dia x 625mm
chamber material	polished 316 stainless steel
loading format	front
operating range	up to 140°C, 2.4 bar
heater power	3kW - 13A single phase
water supply	n/a
evacuation capability	300 mbar absolute
water tank capacity	3 litres
weight	90kg

Complies and conforms to relevant international standards including BS2464-1993, PD5500:2000 Cat.3 European PED 97/23/EC, EMC compliance tested and CE marked for BS EN 61010-2-41.

Installation Specification



model PS/MID/H60

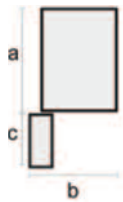
external dimensions (w x d x h)	520 x 815 x 640mm
installation dimensions (a x b x c)* see diagram below	865 x 580 x 560mm
door swing	520mm
heater power	3kW - 13A single phase
weight	85kg

model PS/MVA/H60

external dimensions (w x d x h)	695 x 815 x 640mm
installation dimensions (a x b x c)* see diagram below	865 x 755 x 560mm
door swing	520mm
heater power	3kW - 13A single phase
weight	90kg

* installation dimensions include space for doors to open fully and for pipes, etc. at the rear of the autoclave.

Consideration should be given to allow access for routine servicing.



Support and Service

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.



Our service doesn't stop there though, as we offer calibration and performance qualification services to ensure that your autoclave and laboratory meet all the required standards. We are happy to service and calibrate other makes of autoclave and other laboratory equipment, offering a complete package to the laboratory.

Our ISO9000 certification and UKAS approval as a calibration laboratory gives you the assurance that work will be carried out in a safe and effective manner with full traceability to national standards of any calibration work undertaken. Often this is an integral part of a Planned Maintenance programme but one-off calibrations can be easily arranged.

The information in this datasheet is compiled in good faith. Our policy is one of continual development, we therefore reserve the right to alter the specification without prior notice. E & OE March 2014

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World-Wide Availability

Priorclave, a UK manufacturer of premier laboratory autoclaves, has a global presence in today's market through a network of thoroughly vetted and approved distributors, enabling the company to support laboratories world-wide.