

HäTmed AUTOCLAVE

HäTmed

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FAST AUTOCLAVE

DRY VACUUM PUMP

THE NEW GENERATION B CLASS AUTOCLAVES

A10B

5 Litre

A50B

10 Litre

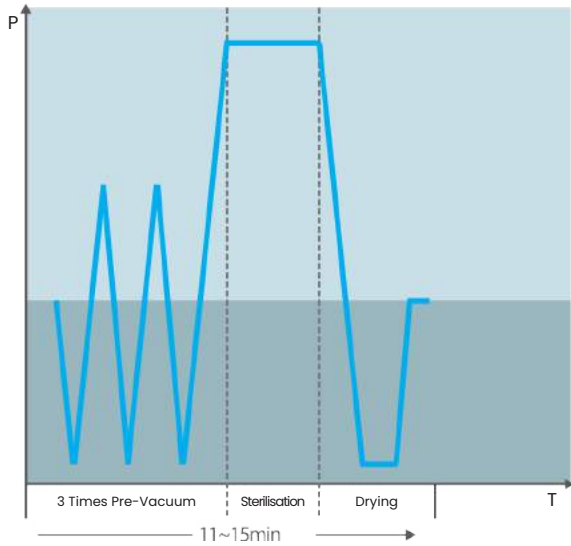
The A10B/A50B is our new generation of Fast Autoclave achieving rapid sterilisation with "Pre-Vacuum" and "Vacuum Drying" Cycles to provide faster and more efficient sterilisation. Instruments can be sterilised in 11 Minutes, including drying time, improving turnover times between patients.

A10B



A50B





Rapid Sterilisation Application

EU B Class Standard and is suitable for:

- ◇ Wrapped or Unwrapped Instruments
- ◇ Hollow A and Hollow B Instruments
- ◇ Implant Instruments and Kits
- ◇ Orthodontic Tool
- ◇ Intra-oral Scan
- ◇ Electric Motor



Fast

A complete sterilisation cycle takes only 11 - 15 Minutes which speeds up the turnover of hand pieces, scaler hand pieces, implant hand pieces and kits.



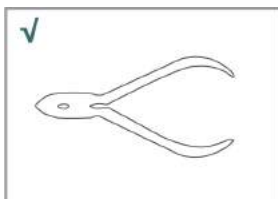
Speed Without Damage

The A10B and A50B Autoclave perform pre-vacuum cycles three times to quickly extract cold air from hollow instruments to improve penetration of steam to the instruments – not only ensuring effective sterilisation, but to also achieve fast and uniform heating inside and outside of instruments to maximise sterile conditions while minimising exposure to harsh conditions that could reduce instrument life and performance.

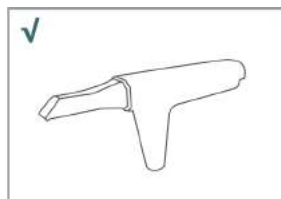


Excellent Drying Performance

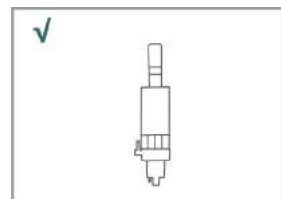
Vacuum drying functionality avoids damage caused by hot air drying in an aerobic high temperature environment and achieves excellent drying of wrapped instruments.



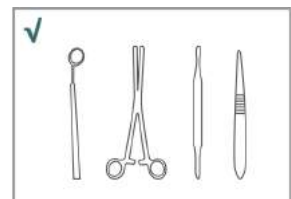
Orthodontic Tool



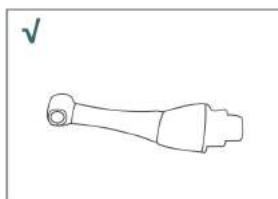
Intraoral Scan



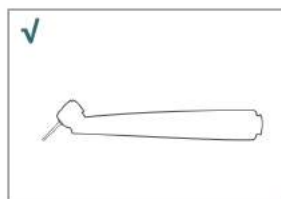
Electric Motor



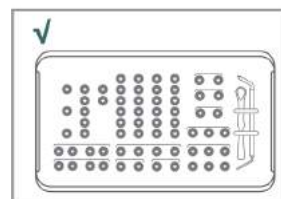
Unwrapped Instruments



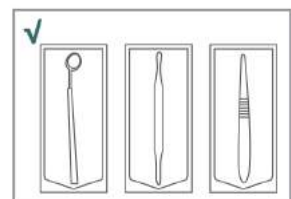
Root Canal Therapy Tool



Handpiece



Implant Instruments

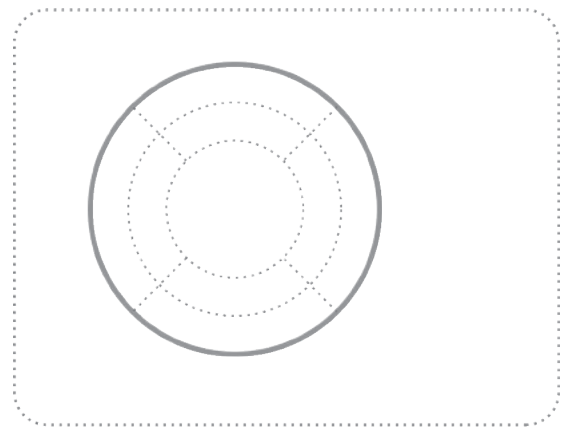
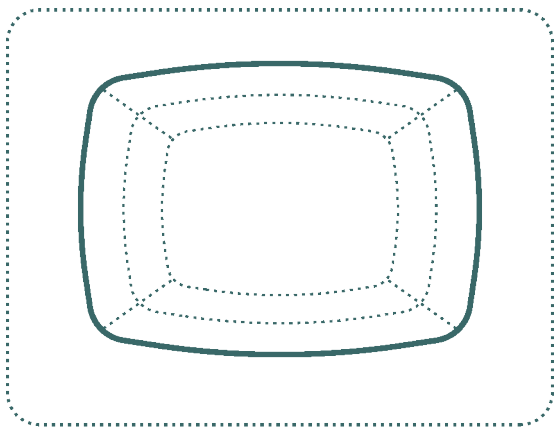


Wrapped Instruments



A50B

Rectangle Chamber to Improve Space Utilisation



57% Extra Capacity

The A50B's innovative rectangle chamber provides 1.57 Times more space compared to a conventional round chamber with the same cross-sectional area.

Fast Series Specifications – Dry Vacuum Pump

Model	Hätmed 5L A10B B and S Class	Hätmed 10L A50B B and S Class
SKU	HATA10B	HATA50B
Volume	5L	10L
Fastest B Cycle Time (Includes Drying)	11 Minutes	14 Minutes
Display	3.5 Inch Liquid Crystal Display (LCD)	
Door Lock	Automatic	
Chamber Dimensions	210mm (W) * 96mm (H) * 327mm (L)	240mm (W) * 144mm (H) * 336mm (L)
Chamber Material	304 Stainless Steel	
Device Dimensions	443mm (W) * 202mm (H) * 622mm (L)	486mm (W) * 379mm (H) * 622mm (L)
Weight	37KG	55KG
Load	2.3KG Metal Instruments or 0.75KG Textile	5KG Metal Instruments or 1.5KG Textile
Power	15A Outlet 240V 50Hz 2000w	15A Outlet 240V 50Hz 2800w
Tray Dimensions	300mm * 190mm * 23mm	300mm * 200mm * 23mm
Trays Included	2 Trays	3 Trays
Optional Printer	External Printer (HATEXPR12)	
Cycle Recording to USB	Included	
Water Requirements	External Water Supply and Waste Container	
Vacuum Level	-0.92 Bar	
Residual Humidity	< 0.1%	
Cycle Types	GEN121, GEN134, 134+, Quick B, Quick S, Optional Liquid, User 1, User 2	
Standard Components	ODE Italian Solenoid Valves Independent Steam Generator German Thomas Vacuum Pump (37L/min)	
External Case Material	Carbon Metal White Powder Coat Cover	

Note: All technical data, programs, and configurations may vary with models. HäTmed reserves the right to modify technical parameters without prior notice.

LCD Colour Real-Time Display

Includes LCD Screen Display with real-time information of sterilisation cycle including chamber temperature and pressure details.

Single Button Operation

Easy To Operate When Wearing Gloves

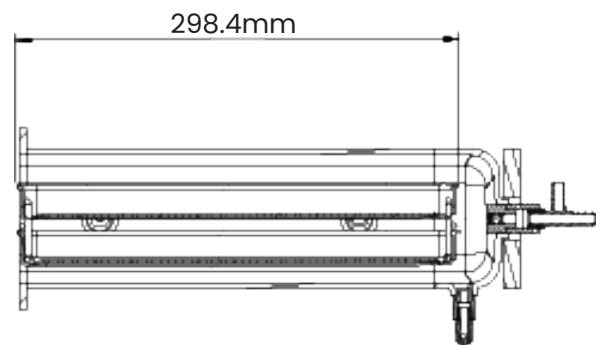
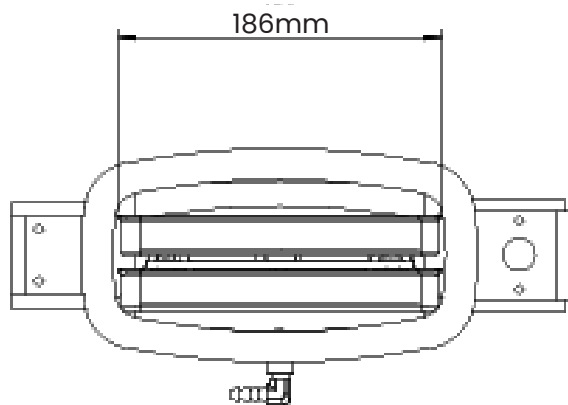
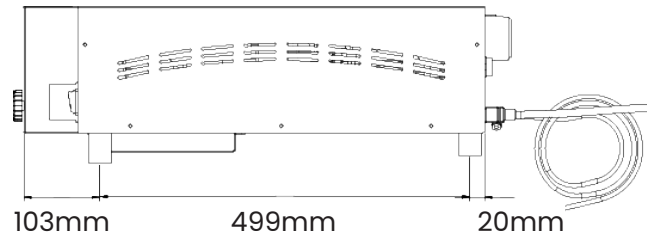
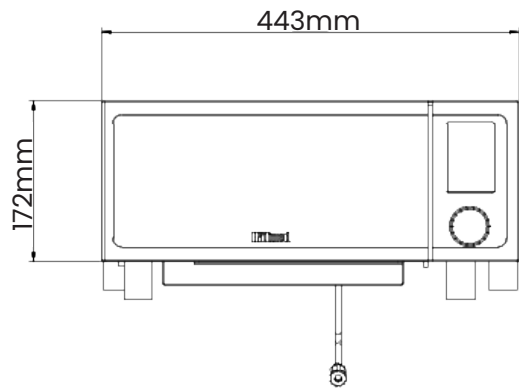
Automatic Door

Single Touch Automatic Opening and Closing



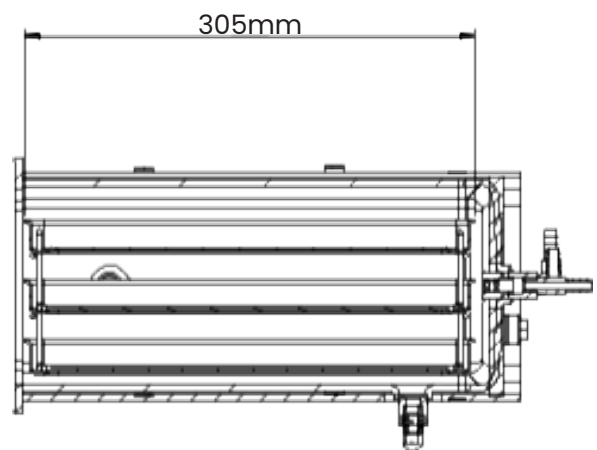
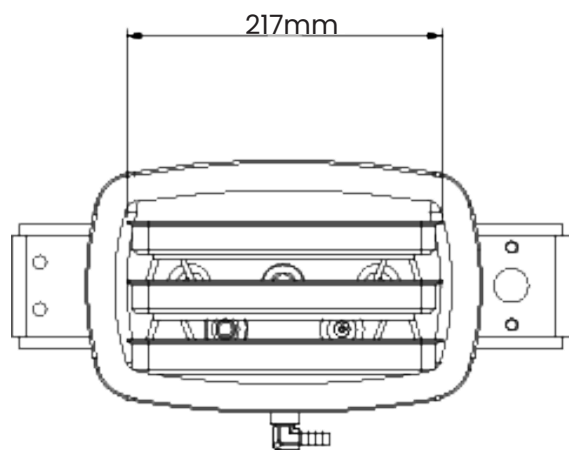
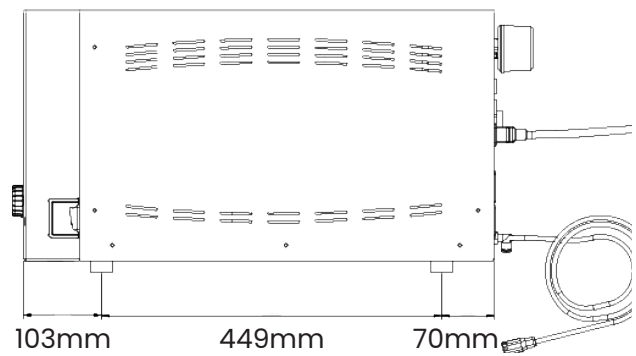
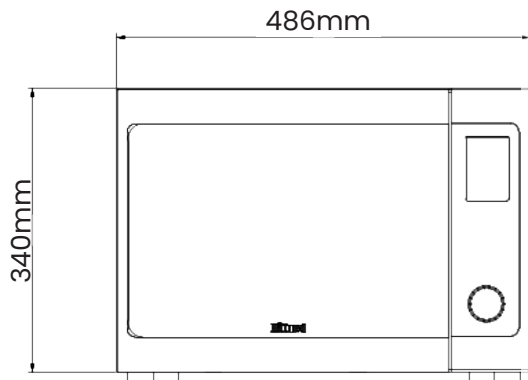
FAST AUTOCLAVE

EXTERNAL AND CHAMBER MEASUREMENTS (HATA10B)



FAST AUTOCLAVE

EXTERNAL AND CHAMBER MEASUREMENTS (HATA50B)



AIR COOLING SERIES

ECONOMICAL AND EFFICIENT

DRY VACUUM PUMP

Q50B

18 Litre

Q70B

23 Litre

The classic autoclave with quality German Thomas Dry Vacuum Pump is the best value choice by industry professionals. With its fastest Full B Class Cycle Time of under 28 Minutes, it outperforms most standard dry vacuum autoclaves in the market. The Q50B and Q70B, with its deeper interior space, offers more internal space for use allowing for longer instrument sets to be safely sterilised.



Q70B



Advanced Performance

The Q50B and Q70B models showcase the following quality parts:

- ◇ ODE Solenoid Valves
- ◇ German Thomas Dry Vacuum Pump achieving up to -0.92 Bar Vacuum Level.
- ◇ Italian Water Pump ensures high-quality sterilisation on your instruments.



Patented Steam Generator

Independent Steam Generator can produce saturated steam in a short time.



Additional Drying Function

Additional drying time can be set to achieve different drying needs according to various conditions.



Power-Off Protection

If the autoclave is powered off for any reason or due to power failure, the inner chamber depressurises back to normal, allowing the recovery of load via the emergency release socket. Alternatively, once power has been restored, the autoclave will resume its cycle.



Data Export

Cycle reports are saved automatically on the internal memory and can be downloaded at any time via the USB Port on the front of the unit.



External/Internal Water Tank

Distilled water can be automatically filled from external distilled water reservoirs.



Personalised Interface

Cycle parameters can be customised to meet various specific needs.



Language Options

More than 20 Languages available to suit any locality.





Reliability and Traceability

An optional external printer can be connected to the autoclave via an RS232 Serial Port which allows cycle data to be printed on thermal paper.



Single Record Export

If the sterilisation report is misplaced, it is not necessary to export and reprint through the USB Flash Drive, as the printer can directly export the missing record.



Q70B

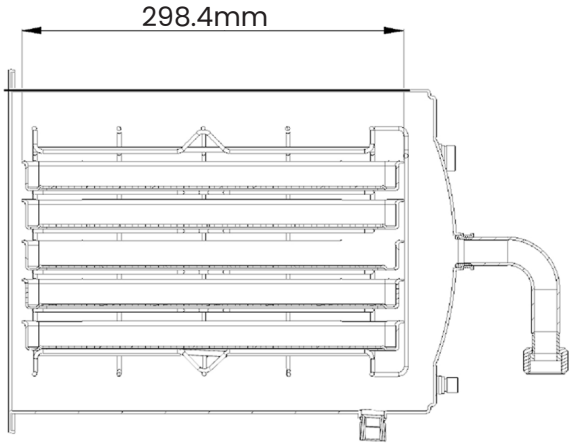
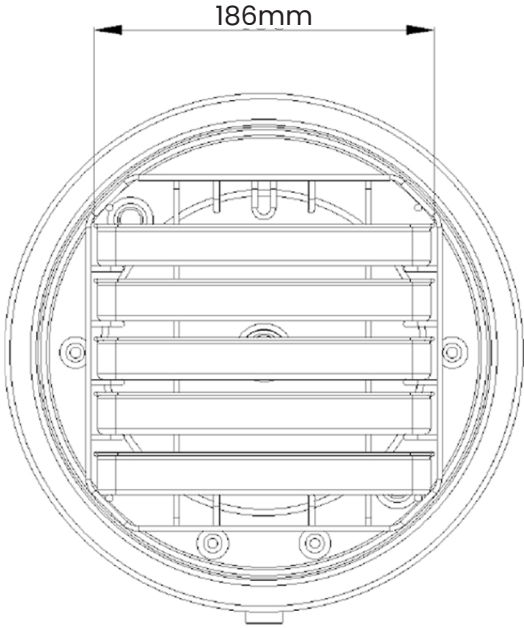
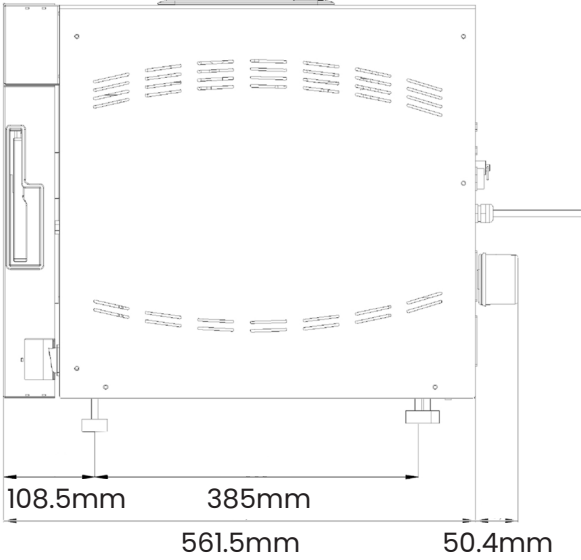
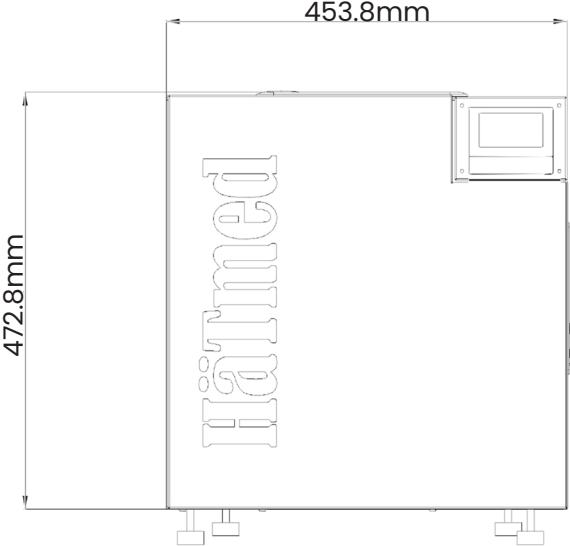
Air Cooling Series Specifications – Dry Vacuum Pump

Model	Hätmed 18L Q50B B and S Class	Hätmed 23L Q70B B and S Class
SKU	HATQ50B	HATQ70B
Volume	18L	23L
Fastest B Cycle Time	27 Minutes	28 Minutes
Display	2.4 Inch Liquid Crystal Display (LCD)	
Door Lock	Manual	
Chamber Dimensions	Ø 253mm * 355mm	Ø 253mm * 475mm
Chamber material	304 Stainless Steel	304 Stainless Steel
Device Dimensions	453.8mm (W) * 472.8mm (H) * 561.5mm (L)	454mm (W) * 500mm (H) * 679mm (L)
Weight	60KG	65KG
Load	6KG Metal Instruments or 2KG Textile	7KG Metal Instruments or 2.5KG Textile
Power	10A Outlet 240V – 50Hz – 2400W	
Tray Dimensions	395mm * 165mm * 23mm	395mm * 165mm * 23mm
No. Of Trays Included	5 Trays	5 Trays
Optional Printer	External Printer (HATEXPRI2)	
Cycle Recording to USB	Included	
Water Requirements	None	
Vacuum Level	-0.92 Bar	
Residual Humidity	< 0.1%	
Liquid Laboratory Cycle	Available By Special Order	
Cycle Types	GEN121, GEN134, 134+, Quick B, Quick S, Optional Liquid, User 1, User 2	
Standard Components	ODE Italian Solenoid Valves Independent Steam Generator German Thomas Vacuum Pump (37L/Min)	
External Case Material	Carbon Metal White Powder Coat Cover	

Note: All technical data, programs, and configurations may vary with models. Hätmed reserves the right to modify technical parameters without prior notice.

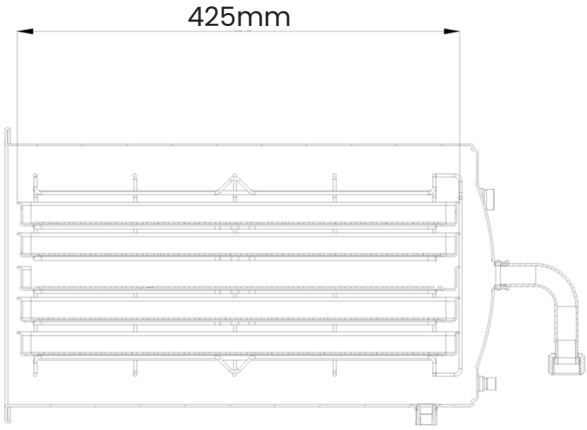
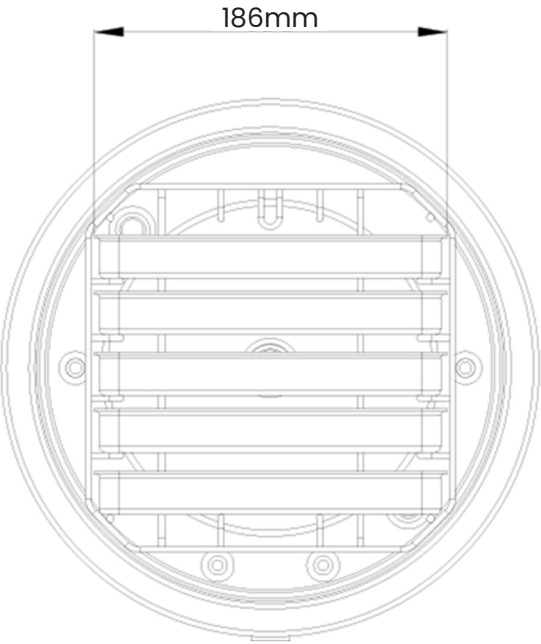
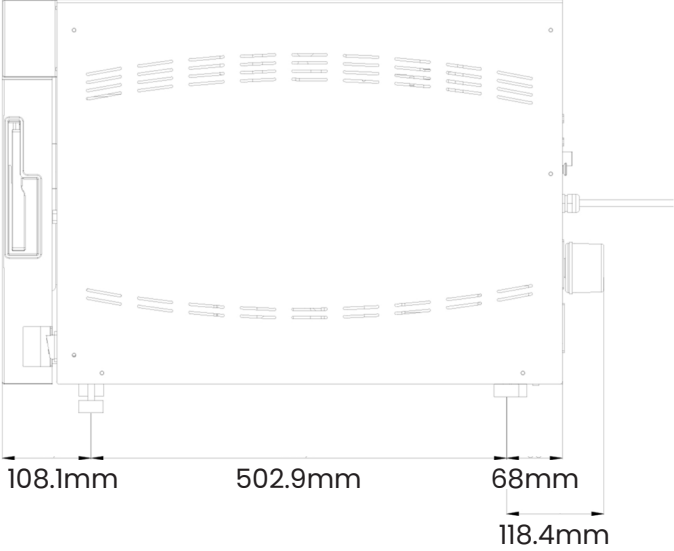
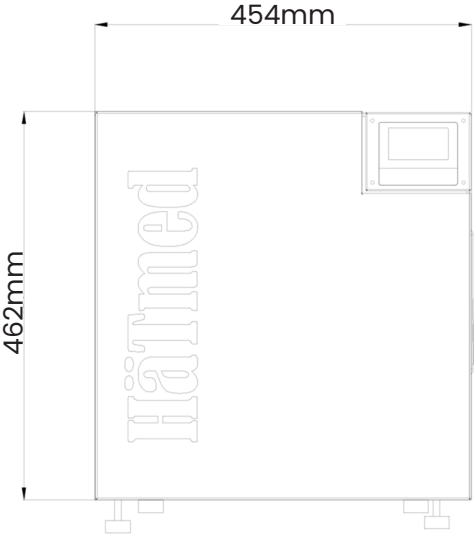
AIR COOLING AUTOCLAVE

EXTERNAL AND CHAMBER MEASUREMENTS (HATQ50B)



AIR COOLING AUTOCLAVE

EXTERNAL AND CHAMBER MEASUREMENTS (HATQ70B)



WATER COOLING SERIES

EFFICIENT AND RELIABLE

LIQUID RING VACUUM PUMP

Q52B
18 Litre

Q72B
23 Litre

Featuring superior German Speck O-Ring Liquid Vacuum Pump (-0.96 Bar Vacuum and 170L/min) coupled with independent stainless steel steam generator puts forward the water cooling series as the best heavy 24/7 steriliser.

Q72B

Q52B



Continuous Operations

The Liquid Ring Vacuum Pump Autoclaves are perfect for practices with larger sets of instruments and suitable for practices that wish to carry out several sterilisation processes consecutively.

Compact Sterilisation Chamber

Up to Five Trays or Three Cassettes can be sterilised in the chamber consecutively.

Gentle On Delicate Instruments

Precise temperature and pressure control in chamber ensures that hollow and non-hollow instruments are heated evenly inside and outside.

Easy Maintenance

Stress-free maintenance without the need to clean the internal tank or discharging waste water.

304 Stainless Steel Cover

Stainless steel cover is easy to clean and maintain, as it is corrosion and oxidation free.



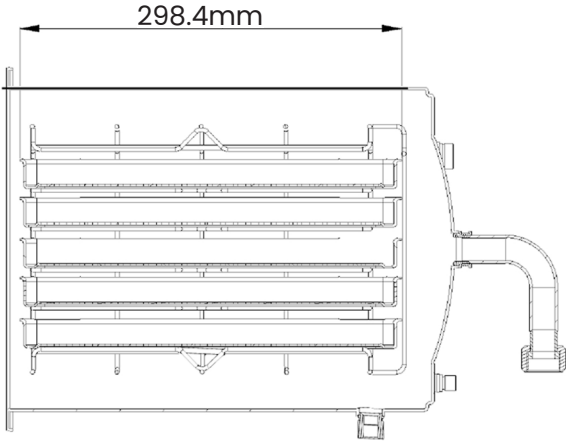
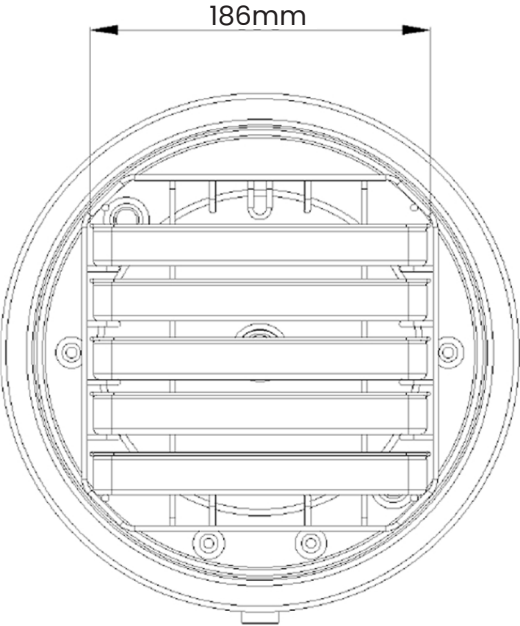
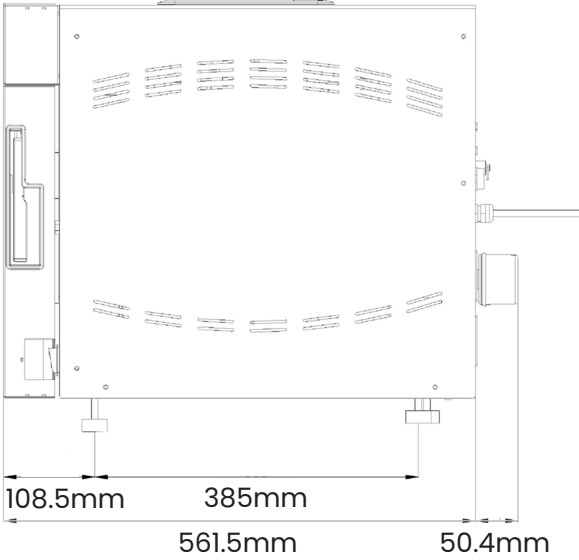
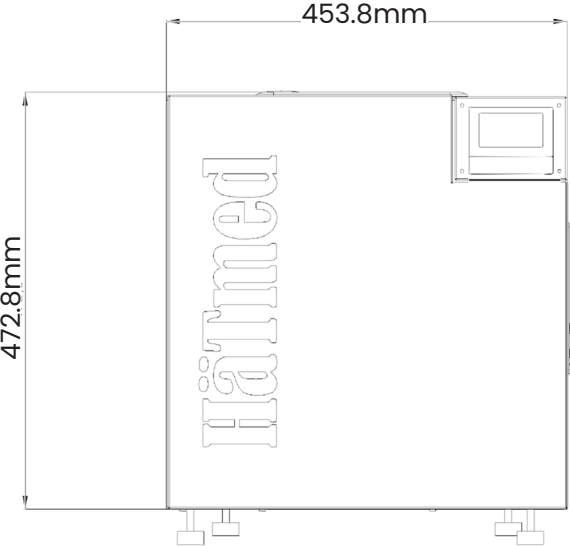
Water Cooling Series Specifications – Liquid Ring Vacuum Pump

Model	Hätmed 18L Q52B B and S Class	Hätmed 23L Q72B B and S Class
SKU	HATQ52B	HATQ72B
Volume	18L	23L
Fastest B Cycle Time	26 Minutes	27 Minutes
Display	4.3 Inch Touch Screen Display	5.6 Inch Touch Screen Display
Door Lock	Manual	
Chamber Dimensions	Ø 253mm * 355mm	Ø 253mm * 475mm
Chamber material	304 Stainless Steel	304 Stainless Steel
Device Dimensions	472.8mm (W) * 453.8mm (H) * 561.5mm (L)	452.4mm (W) * 436mm (H) * 687mm (L)
Weight	53KG	58KG
Load	6KG Metal Instruments or 2KG Textile	7KG Metal Instruments or 2.5KG Textile
Power	10A Outlet 240V - 50Hz - 2400w	
Tray Dimensions	395mm * 165mm * 23mm	395mm * 165mm * 23mm
No. Of Trays Included	5 Trays	5 Trays
Optional Printer	External Printer (HATEXPRI2)	
Cycle Recording to USB	Included	
Water Requirements	External Cold Water Mains Supply and Drain	
Vacuum Level	-0.96 Bar	
Residual Humidity	< 0.1%	
Liquid Laboratory Cycle	Available By Special Order	
Cycle Types	GENI21, GENI34, 134+, Quick B, Quick S, Optional Liquid, User 1, User 2	
Standard Components	ODE Italian Solenoid Valves Independent Stainless Steel Steam Generator German Speck Water Vacuum Pump (170L/Min)	
External Case Material	304 Stainless Steel Cover	

Note: All technical data, programs, and configurations may vary with models. Hätmed reserves the right to modify technical parameters without prior notice.

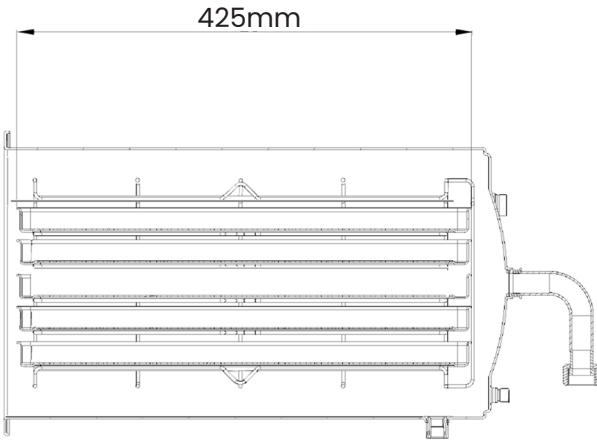
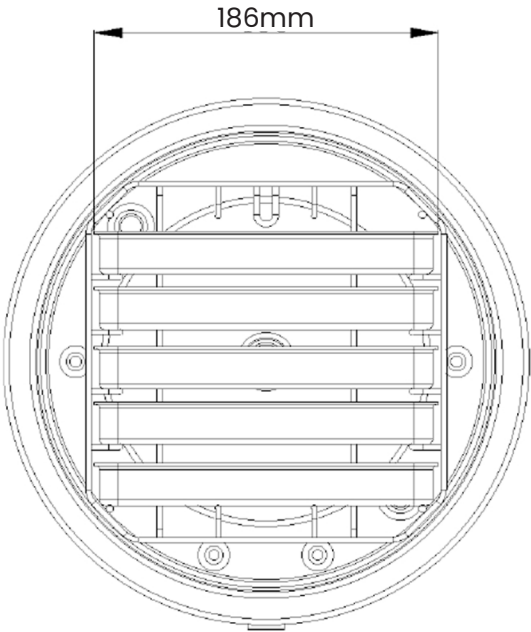
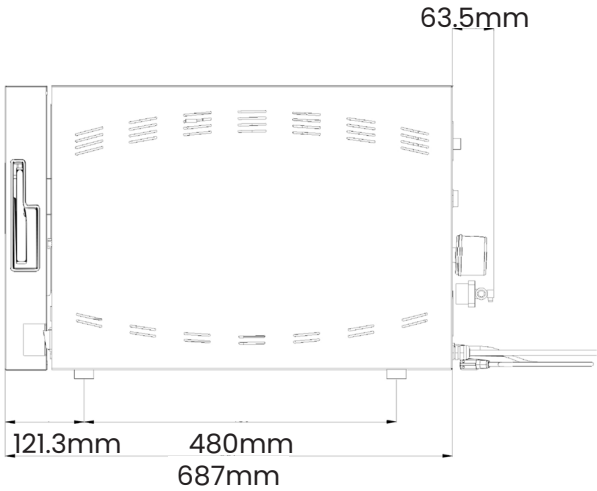
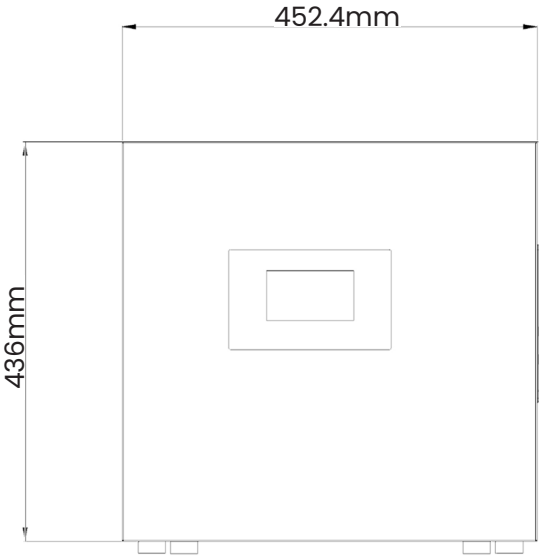
WATER COOLING AUTOCLAVE

EXTERNAL AND CHAMBER MEASUREMENTS (HATQ52B)



WATER COOLING AUTOCLAVE

EXTERNAL AND CHAMBER MEASUREMENTS (HATQ72B)



LARGE CAPACITY SERIES

EFFICIENT AND RELIABLE

LIQUID RING VACUUM PUMP

Q102B
29 Litre

Q82B
46 Litre

Q92B
55 Litre

Our 46 Litre (HATQ82B) autoclave has 200% more capacity of the 23 Litre (HATQ72B) autoclave. All models feature superior German Speck O-Ring Liquid Vacuum Pump (-0.96 Bar Vacuum and 170L/Min) coupled with independent stainless steel steam generator puts forward the large capacity series as the best heavy 24/7 steriliser.



Q92B

⚡ Larger and Faster

Equipped with advanced water cooling technology, a complete sterilisation cycle using Program 134 takes only 35 Minutes to sterilise wrapped and unwrapped instruments including the pre-vacuum cycle.

☀ Perfect Sterilisation

Powered by the superior German Speck O-Ring Liquid Vacuum Pump, the autoclave can reach a vacuum level as low as -0.96 Bar to ensure perfect sterilisation.

👉 Safe and Easy To Operate

Automatic Door

Single Touch Door Opening And Closing

5.6" Colour Touchscreen

Allows intuitive operation and shows real-time information of ongoing sterilisation cycle, including chamber pressure and temperature.

Reliability and Traceability

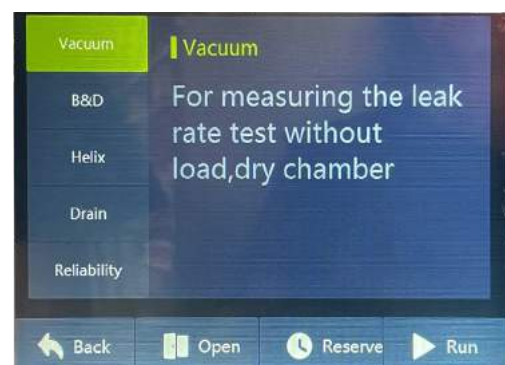
Traceability via the colour touchscreen with an intuitive operating interface. An external printer can be connected via an RS232 Serial Port, which allows cycle data to be printed on thermal paper.

Personalised Interface

Cycle parameters can be set to meet various specific needs.

Data Export

Cycle reports are saved automatically on the internal memory and can be accessed and downloaded at any time via the USB Port.





Safer and More Reliable

Safety Valves

Dual safety valves for both steam generator and sterilisation chamber.

Mechanical Temperature Switch

Automatically powers off if overheat occurs.

Intelligent Temperature Control

The steam generator will not continuously heat when the autoclave chamber is over temperature to ensure the safety and quality of steam production.

Water Quality Detection

High maintenance costs are eliminated with the integrated detection of poor water quality in the water intake feed.

Mechanical Emergency Door Switch

If the autoclave is powered off for any reason or due to power failure, the inner chamber depressurises back to normal, allowing the recovery of load via the emergency release socket. Alternatively, once power has been restored, the autoclave will resume its cycle.

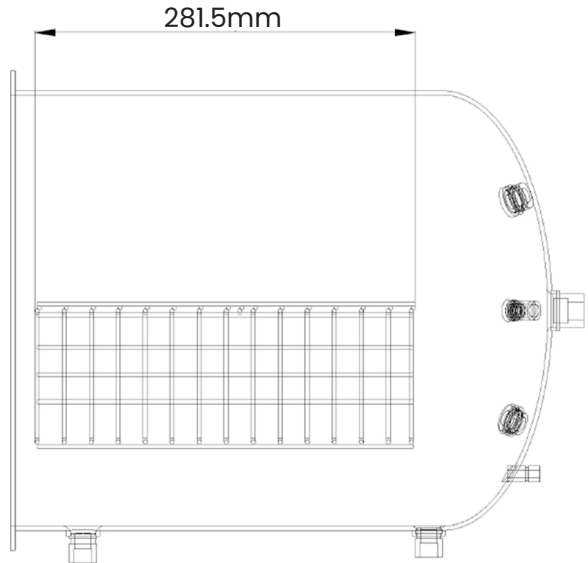
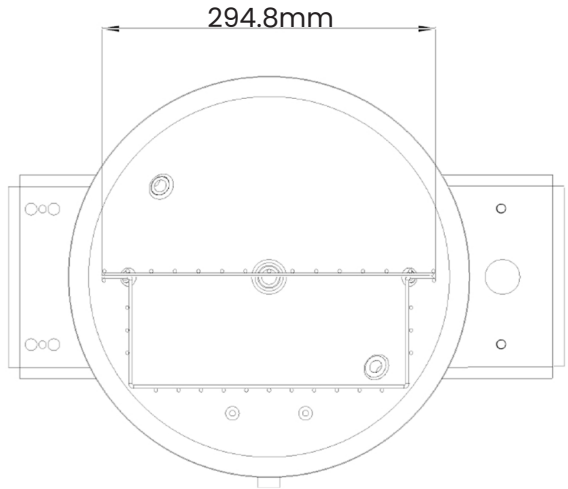
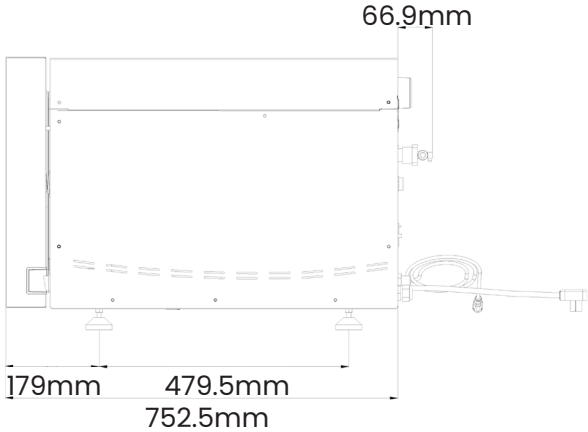
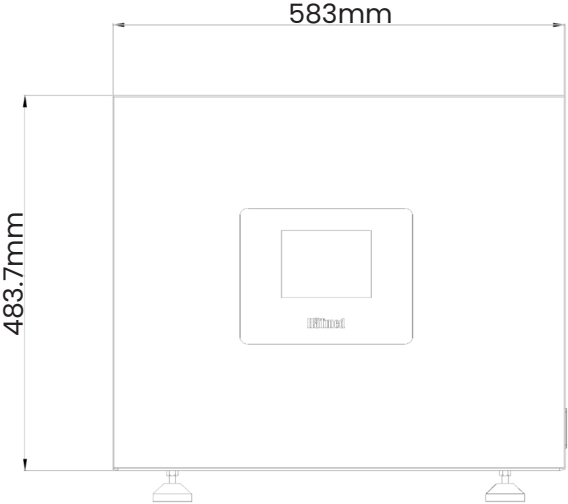
Large Series Specifications – Liquid Ring Vacuum Pump

Model	HätMed 29L Q102B B and S Class	HätMed 46L Q82B B and S Class	HätMed 55L Q92B B and S Class
SKU	HATQ102B	HATQ82B	HATQ92B
Volume	29L	46L	55L
Fastest B Cycle Time	22 Minutes	23 Minutes	24 Minutes
Display	5.6 Inch Touchscreen Display		
Door Lock	Automatic		
Chamber Dimensions	Ø 319mm * 411mm	Ø 319mm * 621mm	Ø 319mm * 711mm
Chamber material	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel
Device Dimensions	583mm (W) * 483.7mm (H) * 752.5mm (L)	583mm (W) * 480mm (H) * 920mm (L)	583mm (W) * 540mm (H) * 1008mm (L)
Weight	82KG	113KG	120KG
Load	9KG Metal Instruments or 2.8KG Textile	16KG Metal Instruments or 4.5KG Textile	20KG Metal Instruments or 5.4KG Textile
Power	20A Outlet 240V – 50Hz (Single Phase) – 4600W		
Support Dimensions	Wire Flat Shelf and Wire Support Frame		
Optional Printer	External Printer (HATEXPRI2)		
Cycle Recording to USB	Included		
Water Requirements	External Cold Water Mains Supply and Drain		
Vacuum Level	-0.96 Bar		
Residual Humidity	< 0.1%		
Liquid Laboratory Cycle	Special Order		
Cycle Types	GEN121, GEN134, 134+, Quick B, Quick S, Optional Liquid, User 1, User 2		
Standard Components	ODE Italian Solenoid Valves Independent Stainless Steel Steam Generator German Speck Water Vacuum Pump (170L/Min)		
External Case Material	304 Stainless Steel		
Optional Trays	<p>HAT29TR: 29L Tray Set with 5 Trays:</p> <p>5 Trays: 214mm (W) * 290mm (L) * 26.5mm (H) – [2 Trays]</p> <p>284mm (W) * 290mm (L) * 26.5mm (H) – [2 Trays]</p> <p>314mm (W) * 290mm (L) * 26.5mm (H) – [1 Tray]</p> <p>2 Tray Holders: 309mm (W) * 286mm (L) * 67mm (H)</p>	<p>HAT46TR: 46L Tray Set with 5 Trays:</p> <p>5 Trays: 480mm (W) * 314mm (L) * 26.5mm (H) – [2 Trays]</p> <p>480mm (W) * 284mm (L) * 26.5mm (H) – [2 Trays]</p> <p>480mm (W) * 214mm (L) * 26.5mm (H) – [1 Tray]</p> <p>2 Tray Holders: 466mm (W) * 269mm (L) * 67mm (H) – [1 Holder]</p> <p>476mm (W) * 309mm (L) * 67mm (H) – [1 Holder]</p>	<p>HAT55TR: 55L Tray Set with 5 Trays:</p> <p>5 Trays: 560mm (W) * 314mm (L) * 26.5mm (H) – [2 Trays]</p> <p>560mm (W) * 284mm (L) * 26.5mm (H) – [2 Trays]</p> <p>560mm (W) * 214mm (L) * 26.5mm (H) – [2 Trays]</p> <p>2 Tray Holders: 556mm (W) * 309mm (L) * 67mm (H) – [1 Holder]</p> <p>546mm (W) * 309mm (L) * 67mm (H) – [1 Holder]</p>

Note: All technical data, programs, and configurations may vary with models. HäTmed reserves the right to modify technical parameters without prior notice.

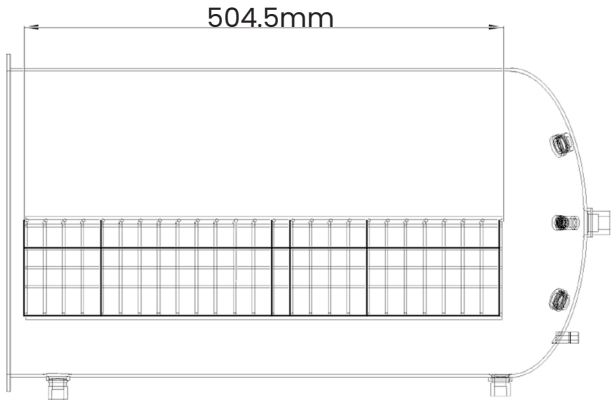
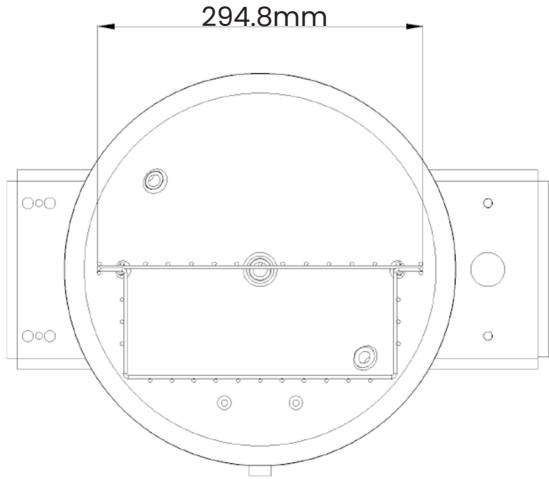
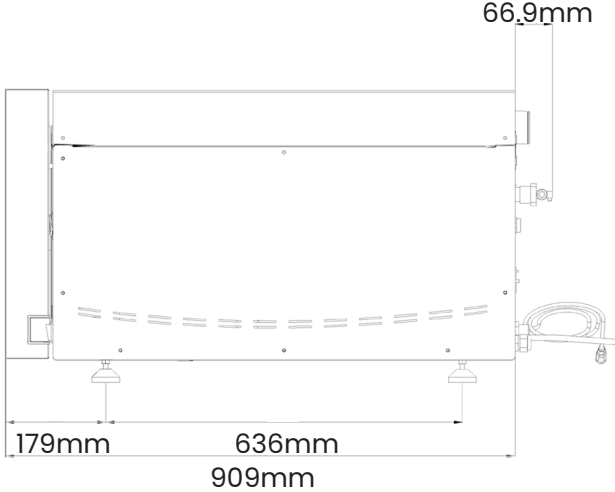
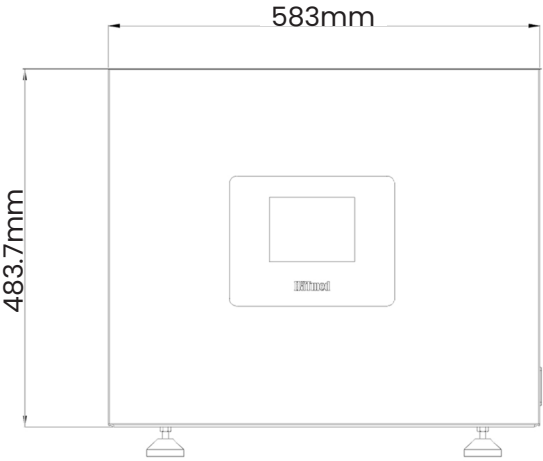
LARGE AUTOCLAVE

EXTERNAL AND CHAMBER MEASUREMENTS (HATQ102B)



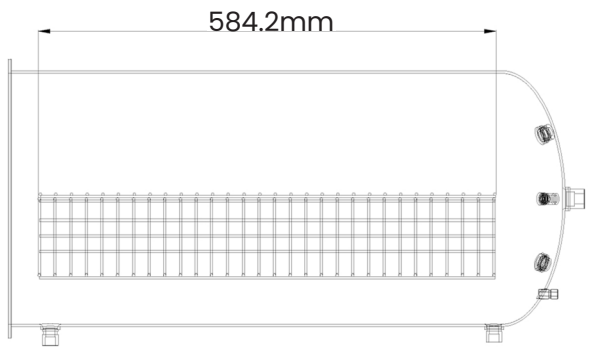
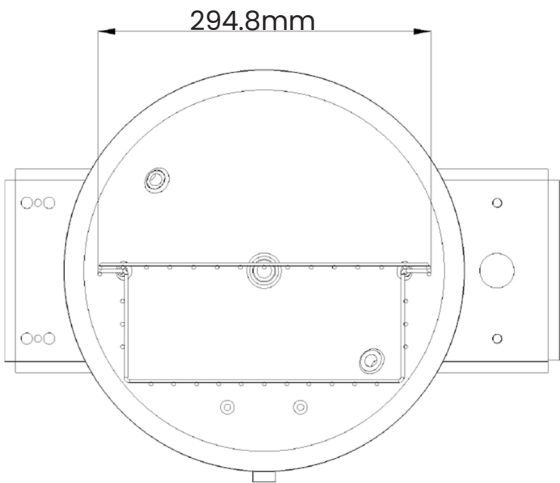
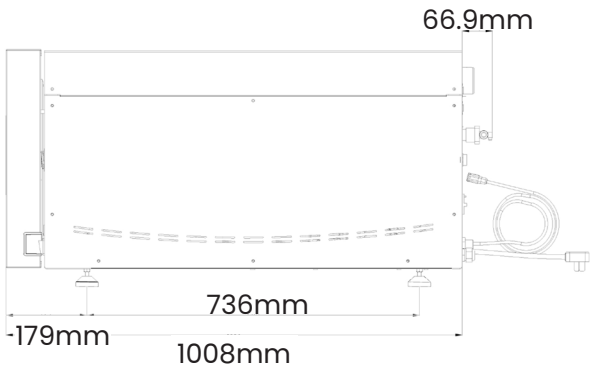
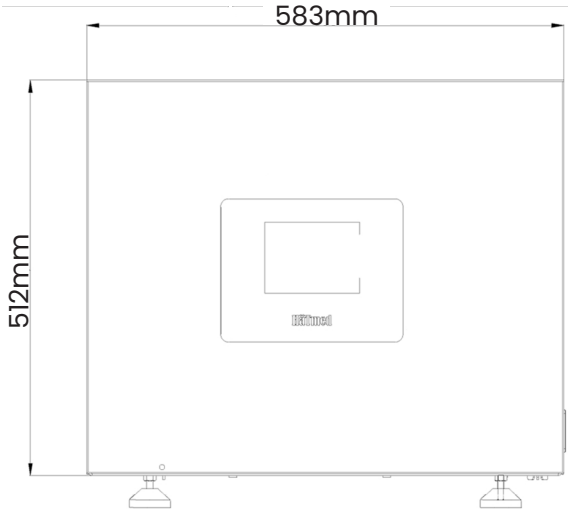
LARGE AUTOCLAVE

EXTERNAL AND CHAMBER MEASUREMENTS (HATQ82B)



LARGE AUTOCLAVE

EXTERNAL AND CHAMBER MEASUREMENTS (HATQ92B)



FEATURES

	5L	10L	18L	23L	23L	29L	46L	55L
Model	A10B	A50B	Q50B	Q70B	Q72B	Q102B	Q82B	Q92B
Series	Fast	Fast	Dry Vacuum	Dry Vacuum	Water Cooling	Large Capacity	Large Capacity	Large Capacity
3-time Pre-Vacuum	●	●	●	●	●	●	●	●
Vacuum Drying	●	●	●	●	●	●	●	●
Smart Load Monitor System	●	●	●	●	●	●	●	●
Embedded Control System	●	●	●	●	●	●	●	●
Intelligent Error Detection	●	●	●	●	●	●	●	●
Emergency Stop	●	●	●	●	●	●	●	●
Power-off Protection	●	●	●	●	●	●	●	●
Automatic Upgrade with USB	●	●	●	●	●	●	●	●
Built-in Large Memory	●	●	●	●	●	●	●	●
Pre-Heat Feature	●	●	●	●	●	●	●	●
Water Quality Monitor	●	●	●	●	●	●	●	●
Extra Dryness	●	●	●	●	●	●	●	●
Automatic Safety Door	●	●	—	—	—	●	●	●
Manual Lock	—	—	●	●	●	—	—	—
LCD Display	●	●	●	●	—	—	—	—
Colour LCD Touch Screen	—	—	—	—	●	●	●	●
Preset Timer	—	—	—	—	●	●	●	●
Innovative Jog Dial Knob	●	●	—	—	—	—	—	—
Custom Program	●	●	—	—	●	●	●	●
External Water Circulation	—	—	—	—	●	●	●	●
Built-in Printer	—	—	○	○	—	—	—	—
External Water Tank	●	●	○	○	●	●	●	●
Internal Water Tank	—	—	●	●	—	—	—	—
Outer Cover	Carbon Metal	Carbon Metal	Carbon Metal	Carbon Metal	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel

● Yes — No ○ Option

Sterilisation Programs

- GEN 121 Program
- GEN 134 Program
- GEN 134+ Program
- Fabric Program
- Quick B Program
- Quick S Program
- User Defined 1
- User Defined 2
- Prion Program
- Drying Program

Test Programs

- Helix Test
- B & D Test
- Vacuum Test

Imported Parts

German Proprietary Vacuum Pump

(Fast Series and Air Cooling Series)

Strong German Thomas Dry Vacuum Pump provides superior performance achieving up to -0.92 Bar Vacuum Level to ensure sufficient sterilisation.

German Speck O-Ring Liquid Vacuum Pump

(Water Cooling Series and Large Capacity Series)

Strong German Speck O-Ring Liquid Vacuum Pump provides superior performance achieving up to -0.96 Bar Vacuum Level to ensure rapid cycle and sufficient sterilisation in continuous operation.

Patented Stainless Steel IPC Steam Generator

Independent Stainless Steel Steam Generator is ideal for generating steam quickly and reduces operation times while producing a faster turnover rate.

Italian Industrial Solenoid Valve

More reliable and durable compared to conventional household solenoid valves.

German Temperature Sensor

German Liquid Level Sensor

American Pressure Sensor

Swiss Flow Meter



7/22 Mavis Court,
Yatala, QLD 4207.



Post Office Box 641,
Ormeau, QLD 4208.



zonemedical.com.au



Free Fax: 1300 099 300
Free Call: 1300 009 663



info@zonemedical.com.au

Zone Medical Pty Ltd

ABN: 86 109 199 993