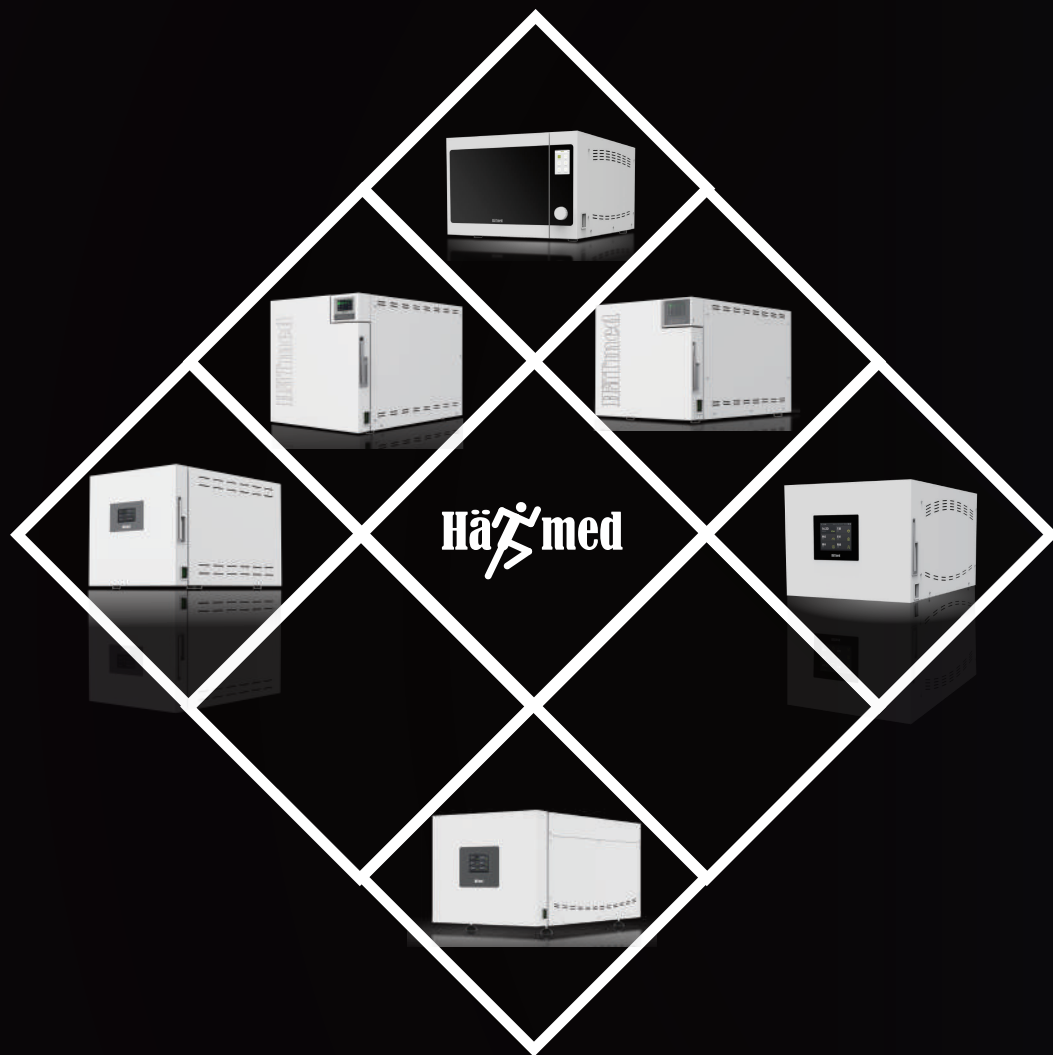




HäTmed AUTOCLAVE

Fast Autoclave

— The New Generation Autoclave B class

The autoclave achieves rapid sterilization with 'pre-vacuum' and 'vacuum drying' phases to provide institutions with new, faster, and more efficient sterilization solutions. Instruments can be sterilized in 11 minutes, enabling faster turnover between patients.

A10B/A50B



Fast

A sterilization cycle of only 11-15 minutes speeds up the turnover of handpieces, scaler handpieces, implant handpieces, and implant kits.



Fast, but no damage to device

The three times pre-vacuum phase quickly extracts cold air from hollow instruments to improve the penetration of steam. This ensures quality sterilisation and prevents damage to the device through the implementation of fast and uniform heating.



Excellent drying performance

Vacuum drying function avoids damage caused by hot air drying in high temperature aerobic environments, as well as achieves excellent drying of wrapped instruments.



Effective sterilization

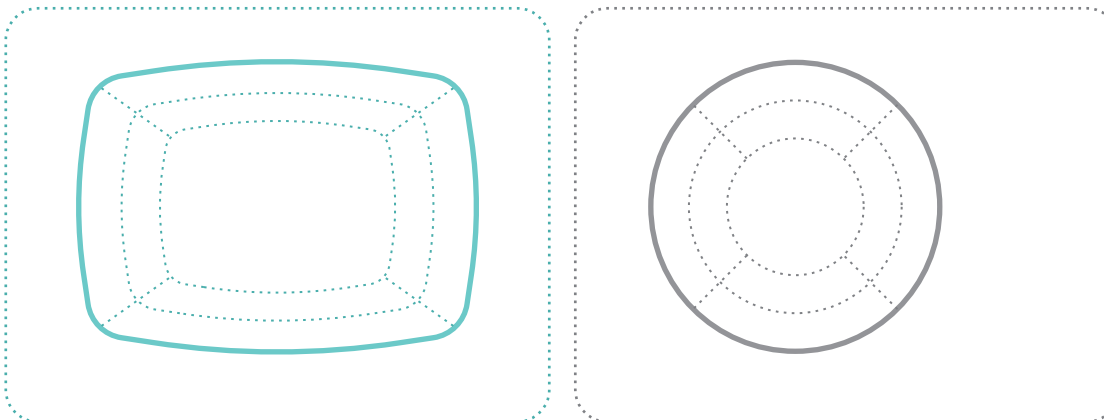
The vacuum pump which is made in Germany exclusively for autoclaves, achieves a vacuum level of -0.92bar.

 Innovative rectangle chamber to improve space utilization



 57% Extra capacity

Capacity of the new rectangular chamber is 1.57 times larger than the conventional round chamber with the same cross-sectional area.





Real-time, LCD coloured display

The LCD screen displays real time information on the sterilization cycle, including the temperature and pressure in the chamber.



Shutter button - one button operation

Simple and easy to operate; gloves do not affect device operation.



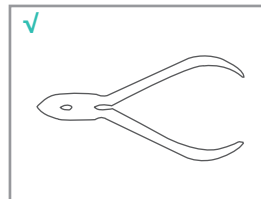
Automatic door

With a single touch, the door opens.

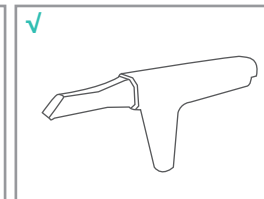


Rapid sterilization application

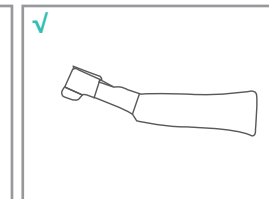
Meets EU B class standards. Suitable for wrapped or unwrapped instruments, hollow A and hollow B types of instruments, implant instruments and kits, orthodontic tools, intraoral scanners, and electric motors.



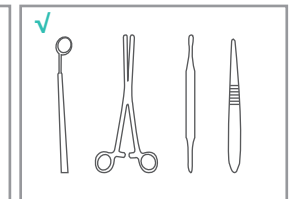
Orthodontic Tools



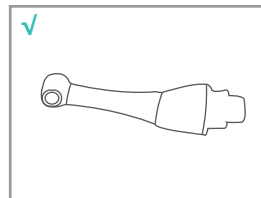
Intraoral Scanners



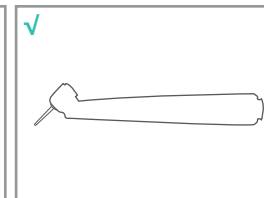
Electric Motors



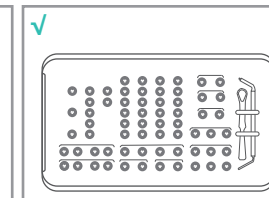
Unwrapped Instruments



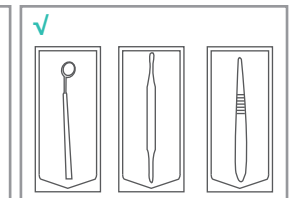
Root Canal Therapy Tools



Handpieces



Implant Instruments



Wrapped Instruments



A10B

Technical Specifications

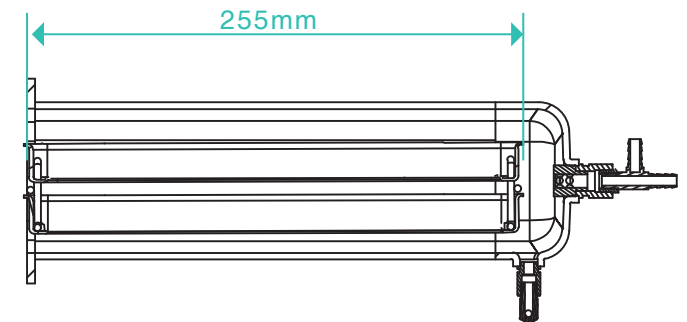
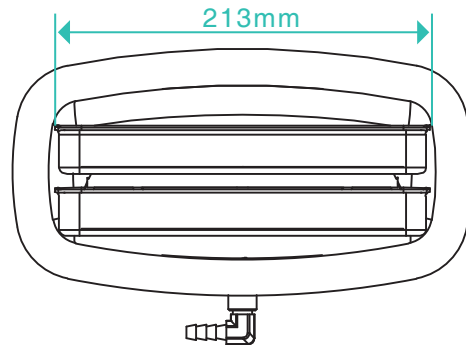
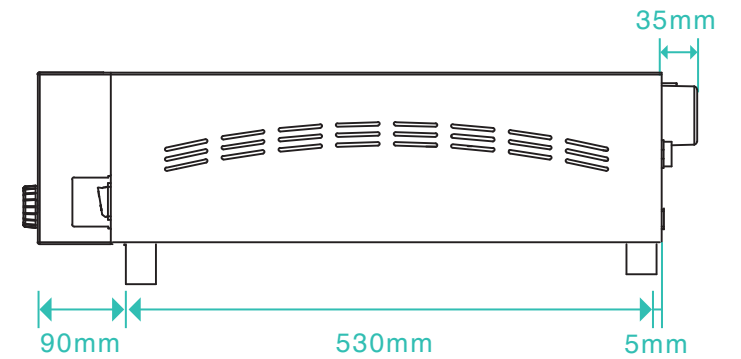
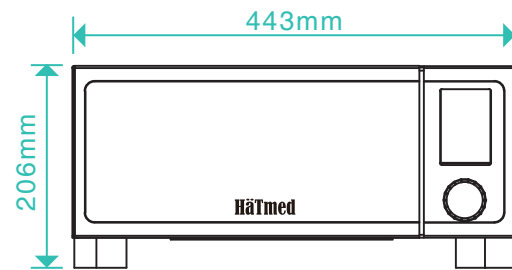
Model	A10B	A50B
Vol	5L	10L
Screen	LCD display	LCD display
Chamber Dimensions	210mm(W)*96mm(H)*327mm(D)	240mm(W)*144mm(H)*336mm(D)
Device Dimensions	443mm(W)*206mm(H)*625mm(D)	485mm(W)*340mm(H)*625mm(D)
Weight	44KG	55KG
Door Lock	Automatic safety door	Automatic safety door
Power	2000W, 220V/50Hz or 110V/60Hz	2800W, 220V/50Hz or 110V/60Hz
Tray Dimensions	300mm*190mm*23mm(*2)	300mm*200mm*23mm(*3)
Printer	External printer (Optional)	External printer (Optional)
Water Tank	External water tank	External water tank
Vacuum level	-0.92bar	-0.92bar
Residual Humidity	< 0.1%	< 0.1%

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

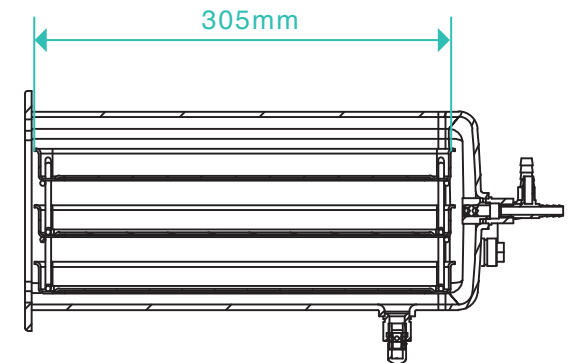
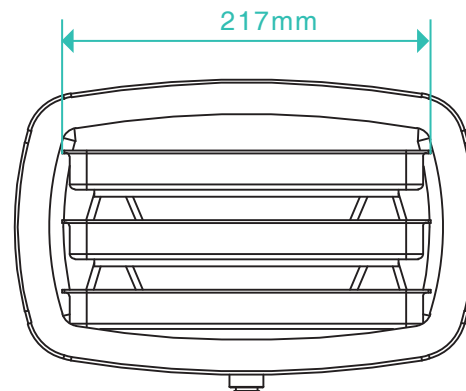
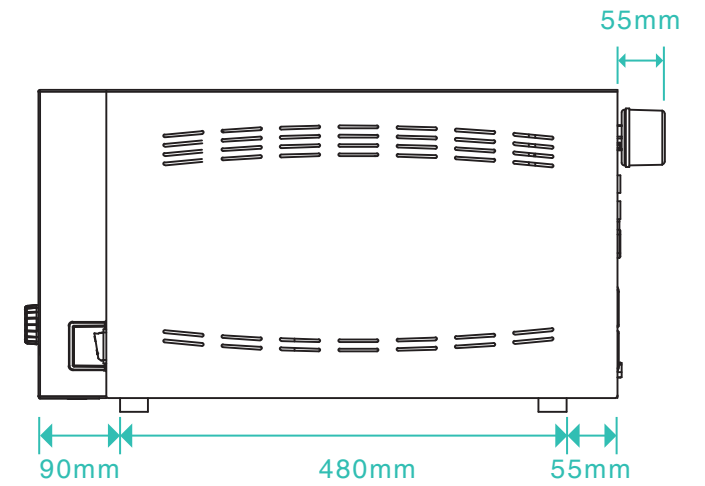
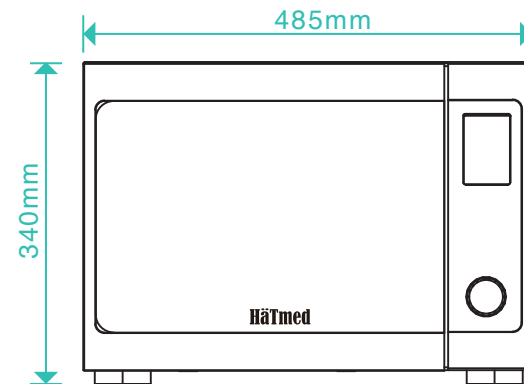
Features

- 3-time pre-vacuum
- External water tank
- Vacuum drying
- Pre-heat feature
- Emergency stop
- Smart load monitor system
- Embedded control system
- Intelligent error detection
- Innovative jog-dial knob
- Automatic safety door
- Power off protection
- Built-in large memory
- Water quality monitor
- Custom program
- Automatic upgrade with USB driver
- LCD display
- Preset timer
- 9 programs

Product Measurements A10B



Product Measurements A50B



Fast Plus Autoclave

The efficient, water-cooled vacuum pump (vacuum level -0.96 bar) secures successful sterilization and optimal dryness of instruments in continuous operation.

Q62B



Rapid sterilization

Quick-Program "B" offers an efficient solution for the sterilization of wrapped instruments. This 16-minute program includes a pre-vacuum and a drying phase, which can significantly accelerate the turnaround time for your instruments. By reducing the time required for each sterilization cycle, this can help minimize the need for multiple autoclaves.



For large practices

It is perfect for practices with larger sets of instruments and suitable for practices that wish to carry out several sterilization processes one after another.



Easy maintenance

External water connection: distilled water is fed from the external water reservoirs automatically. There is no need to clean the water tank and discharge the waste water on a regular basis.



Protection of delicate instruments

Precise temperature and pressure control in the chamber ensures instruments are heated evenly inside, prolonging the life of delicate instruments.



Coloured 5.6" touch-screen display

Enabling intuitive operation and showcasing real-time information on the sterilization cycle, including the temperature and pressure in the chamber.



Technical Specifications

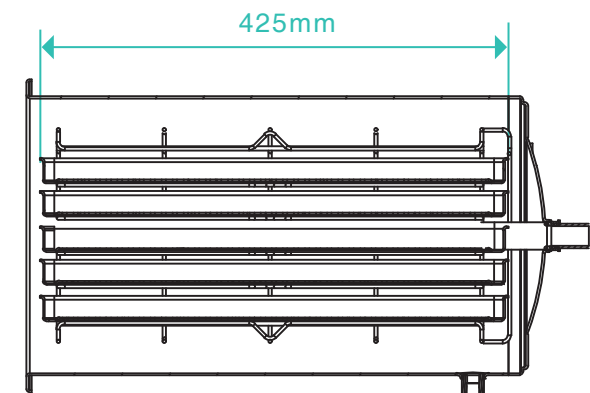
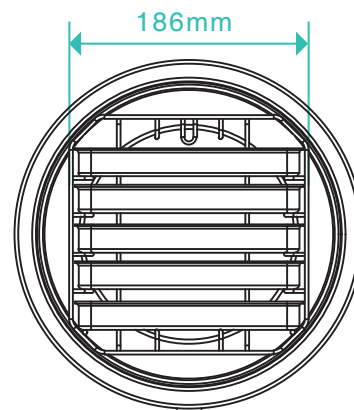
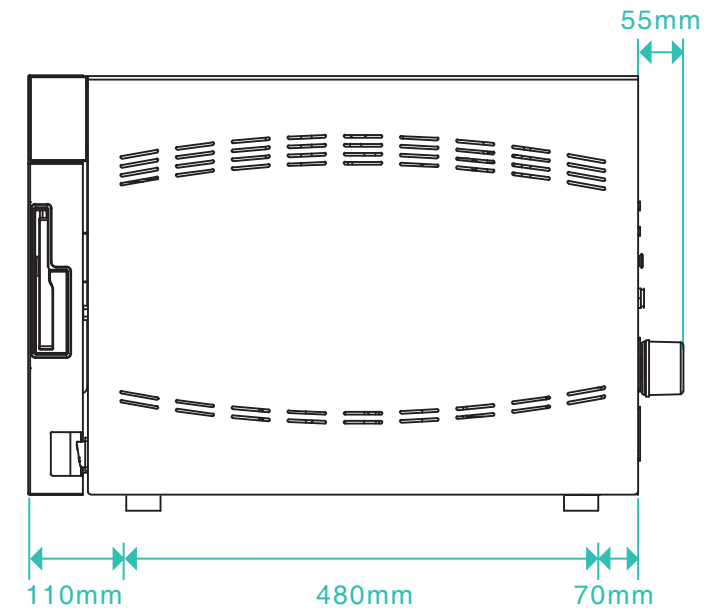
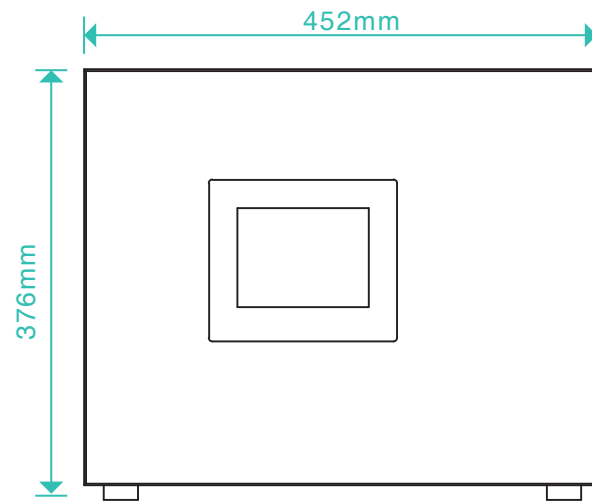
Model	Q62B
Vol	23L
Screen	Multi-Color LCD5.6" Touch Screen
Door Lock	Electrical Safety Door
Device Dimensions	452mm(W)*376mm(H)*660mm(D)
Chamber Dimensions	φ 253mm*460mm
Weight	69KG
Power	2500W, 220V/50Hz or 110V/60Hz
Data Interface	USB/RS232
Printer	External Printer (Optional)
Water Tank	External water tank
Tray	5 Layers Tray
Vacuum level	-0.96bar
Residual Humidity	< 0.1%

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

Features

- 3-time pre-vacuum
- External water tank
- Vacuum drying
- Pre-heat feature
- Emergency stop
- Smart load monitor system
- Embedded control system
- Intelligent error detection
- Innovative jog-dial knob
- External water circulation
- Power off protection
- Built-in large memory
- Water quality monitor
- Custom program
- Manual lock
- Color LCD touch screen
- Preset timer
- 9 programs
- Automatic upgrade with USB driver

Product Measurements Q62B



Air Cooling Series

Economical and Efficient

The Q50B and Q70B offer more internal space for use as it has a deeper interior space (46cm deep, 23 litres volume) allowing larger instrument sets to be safely sterilized. The strong vacuum pump and efficient steam generator facilitate short cycle times.

Q50B/Q70B



Powerful performance

The air-cooling series autoclaves are equipped with specific parts imported from all over the world. The vacuum pump and temperature sensors are from Germany and the solenoid valves are from Italy; these parts ensure the best performance.



Extreme dryness

The air cooling autoclaves generate saturated steam which ensures maximum steam penetration throughout the entire load. This achieves optimal drying results, even for cotton textile loads.



Optional with external or internal water tank

With an external water tank, distilled water is fed from external water reservoirs automatically. After one cycle, there is no need to clean the water tank and discharge the waste water regularly.



Intelligent load detection

With intelligent load detection, the required time, water, and power can be calculated precisely. The device can measure the amount of load and adjust resources to achieve effective sterilization; saving energy and providing an environmentally-conscious solution.



Advanced performance

The Q50B and Q70B is constructed with high-quality imported parts. The vacuum pump is from Germany (capable of achieving a vacuum of -0.92bar), and the solenoid valves and water pump are from Italy; ensuring high quality sterilization and long term performance of your Hatmed autoclave.



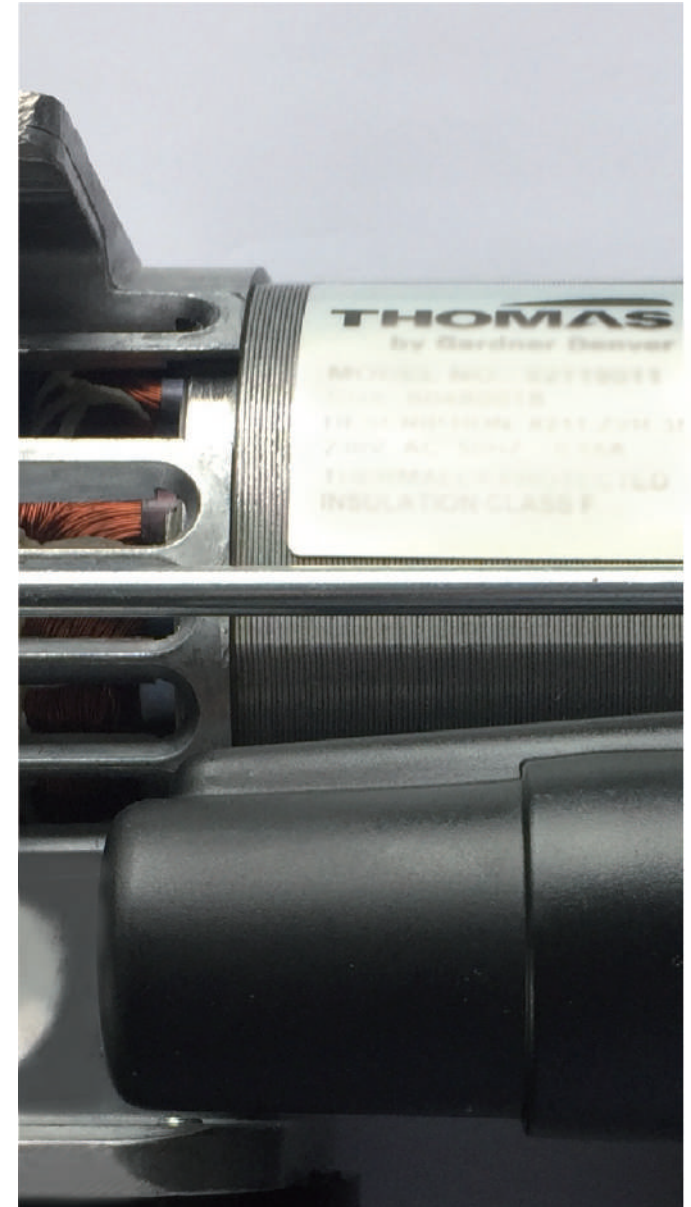
Patented steam generator

Independent steam generator produces saturated steam quickly.



Power off protection

If the sterilizer is powered off during normal operation, the chamber automatically recovers to normal pressure. This allows the loads to be taken out safely and timely by the emergency door button, or by waiting for electricity restoration.





Reliability and traceability

An optional external printer can be connected to the Q50B and Q70B via RS232 serial port. This allows all cycle data to be printed on thermal paper. If the printed sterilization record is lost, there is no need to export and reprint through the USB flash drive as the missing record can be directly exported by the printer.



Label printing

Optional label printer can be used to print labels and the expiration date can be set on system. The labels can be pasted on the packaging bag for easy viewing.



Mechanical emergency door switch

If the sterilizer is powered off during normal operation, the chamber automatically recovers to normal pressure, the loads can be taken out safely and timely by an emergency door button.



Options

Printer		
External printer	Label printer	Built-in printer
		

Water tank	
External water tank	Internal water tank
	

Technical Specifications

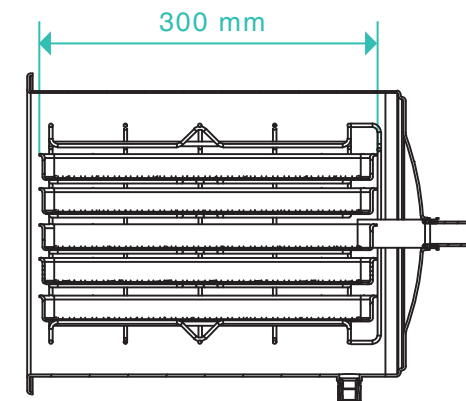
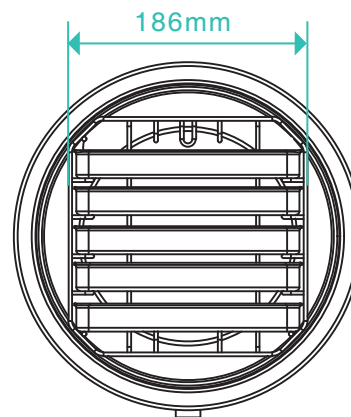
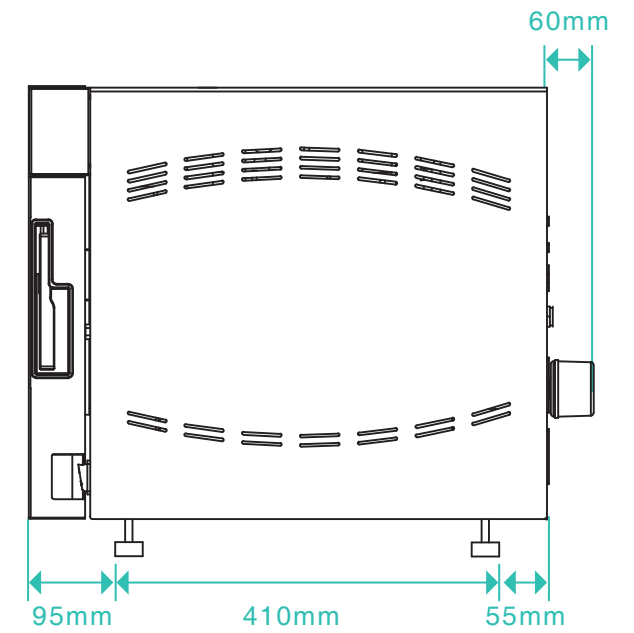
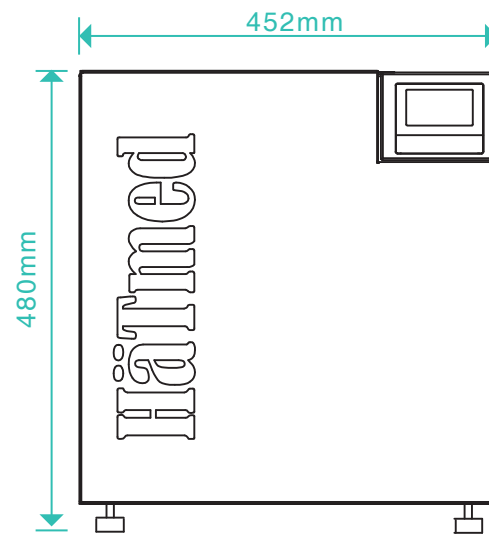
Model	Q50B	Q70B
Vol	18L	23L
Screen	LCD Liquid Crystal Display	LCD Liquid Crystal Display
Door Lock	Electrical Safety Door	Electrical Safety Door
Device Dimensions	452mm(W)*480mm(H)*560mm(D)	452mm(W)*480mm(H)*680mm(D)
Chamber Dimensions	φ 253mm*360mm	φ 253mm*460mm
Weight	54KG	70KG
Power	2500W, 220V/50Hz or 110V/60Hz	2500W, 220V/50Hz or 110V/60Hz
Data Interface	USB/RS232	USB/RS232
Printer	Built-in or External Printer (Optional)	Built-in or External Printer (Optional)
Water tank	Optional with external or internal water tank	Optional with external or internal water tank
Tray	5 Layers Tray	5 Layers Tray
Vacuum level	-0.92bar	-0.92bar
Residual Humidity	< 0.1%	< 0.1%

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

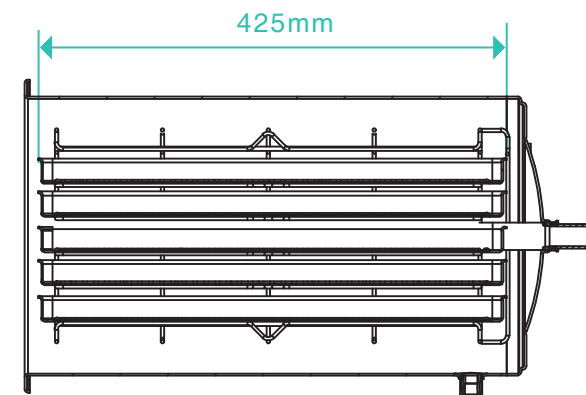
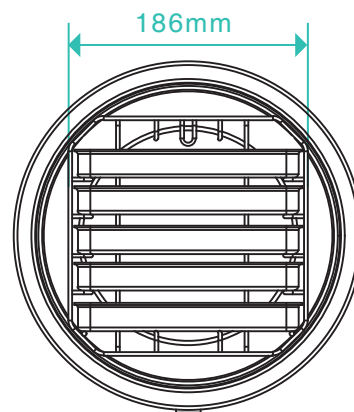
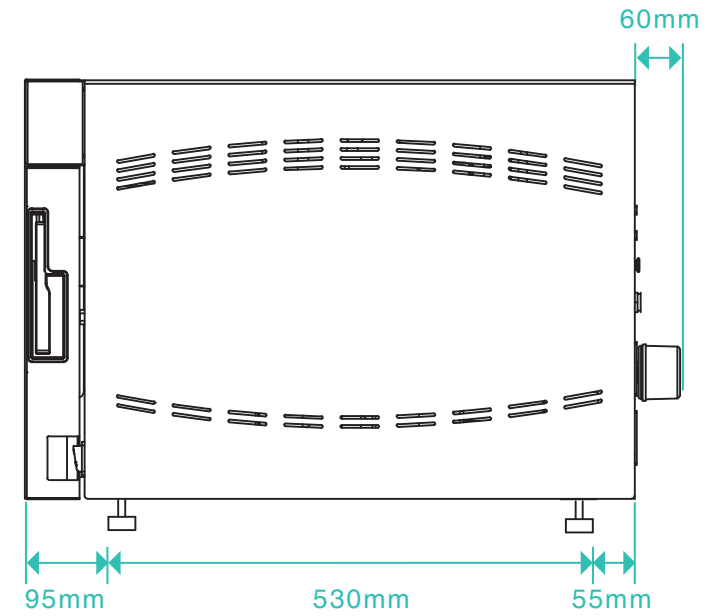
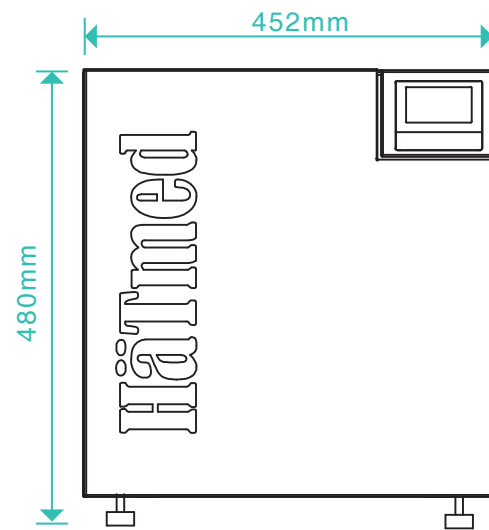
Features

- 3-time pre-vacuum
- Vacuum drying
- Extra dryness
- Emergency stop
- Smart load monitor system
- Embedded control system
- Intelligent error detection
- Innovative jog-dial knob
- Power off Protection
- Built-in large memory
- Water quality monitor
- Manual lock
- Automatic upgrade with USB driver
- LCD display
- 9 programs

Product Measurements Q50B



Product Measurements Q70B



Air-Cooled Pro Autoclave

The Q60B Air-cooled Pro Autoclave has a stronger performance, faster speeds.

Q60B



Efficient

The sterilization speed is significantly faster. Each sterilization cycle is 30% faster than the air-cooled 23L basic model.



Fast

The Pro Q60B meets the needs of a busy clinic through the rapid turnover of instruments. The Quick S program (1kg load) runs for 15 minutes (excluding drying), which is essential for the rapid turnover of frequently used handpieces, orthodontic tools, and scaler handles + tips.



Extreme dryness

The air-cooled pro autoclaves generate saturated steam which ensures maximum steam penetration throughout the entire load. This achieves optimal drying results, even for cotton textile loads.



Safe and reliable

This fully automatic B Class autoclave features a superior German vacuum pump coupled with a 100% stainless steel steam generator, and features all of the heavy-duty internal components necessary to meet the latest EU Standards.



Easy maintenance

External water connection: distilled water is fed from the external water reservoirs automatically. There is no need to clean the water tank and discharge the waste water on a regular basis.



Technical Specifications

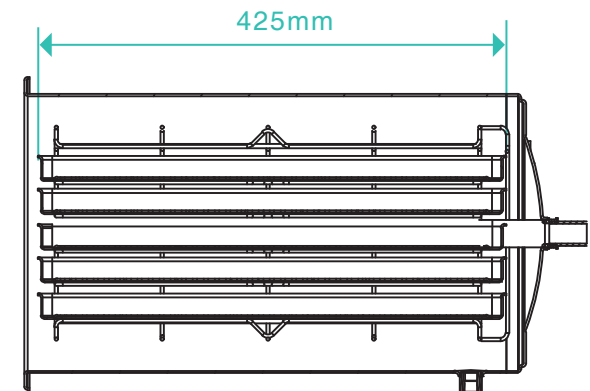
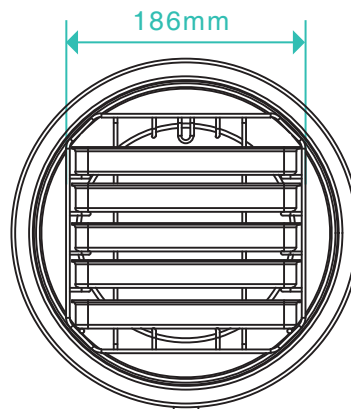
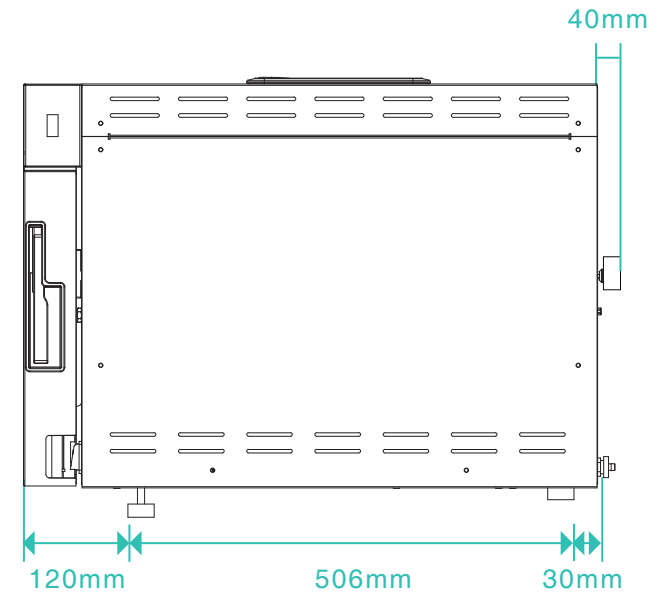
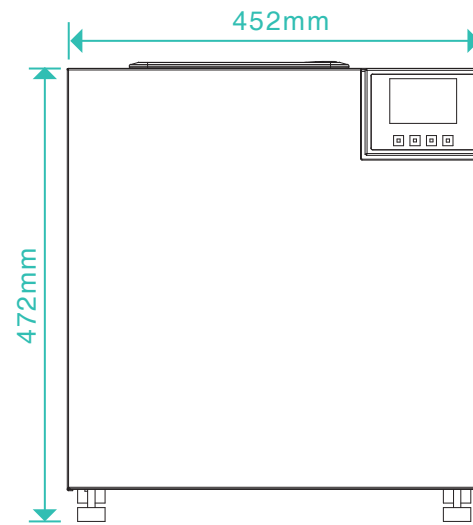
Model	Q60B
Vol	23L
Screen	LCD display
Door Lock	Electrical Safety Door
Device Dimensions	452mm(W)*415mm(H)*645mm(D)
Chamber Dimensions	φ 254mm*460mm
Weight	70KG
Power	2500W, 220V/50Hz or 110V/60Hz
Data Interface	USB/RS232
Printer	External Printer (Optional)
Water Tank	Internal water tank
Tray	5 Layers Tray
Vacuum level	-0.92bar
Residual Humidity	< 0.1%

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

Features

- 3-time pre-vacuum
- Vacuum drying
- Pre-heat feature
- Emergency stop
- Smart load monitor system
- Embedded control system
- Intelligent error detection
- Innovative jog-dial knob
- LCD display
- Power off Protection
- Built-in large memory
- Water quality monitor
- Custom program
- Manual lock
- Preset timer
- 9 programs
- Automatic upgrade with USB driver

Product Measurements Q60B



Water Cooling Series

Equipped with a water-cooled vacuum pump (capable of achieving a vacuum of -0.96 bar) ensures successful sterilization and optimal dryness of instruments in continuous operation.

Q72B



Continuous operation

It is perfect for practices with larger sets of instruments and suitable for practices that wish to carry out several sterilization processes one after another.



Gentleness on delicate instruments

Precise temperature and pressure control in the chamber to ensure that instruments are heated evenly on both the inside and outside to prevent damage.



Fast

Sterilization cycle of 20 minutes to facilitate the rapid turnover of handpieces, scaler handpieces, implant handpieces, and implant kits.



One-touch screen

The coloured touch screen displays real-time information on the sterilization cycle, including temperature in the chamber, pressure in the chamber, and elapsed time.



Easy maintenance

External water connection, distilled water is fed from external water reservoirs automatically. After one cycle, no need of cleaning the water tank and discharge the waste water regularly.



Excellent drying performance

Vacuum drying function avoids damage caused by hot air drying in high temperature aerobic environments, and achieves excellent drying of wrapped instruments.



Technical Specifications

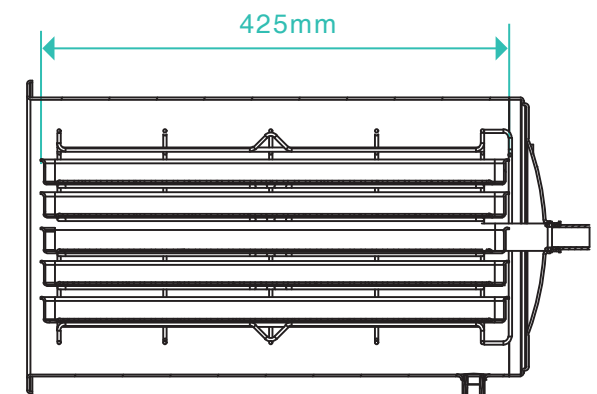
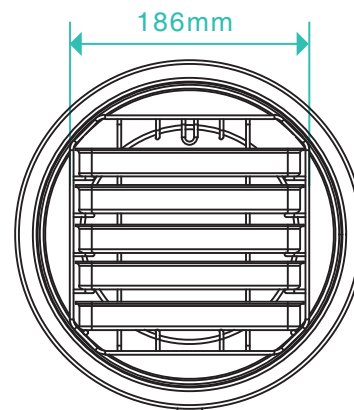
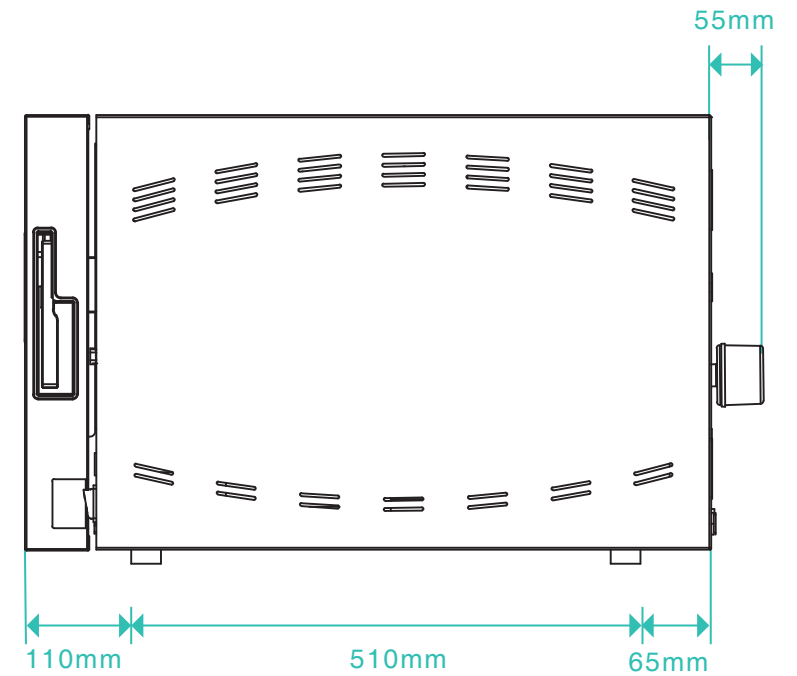
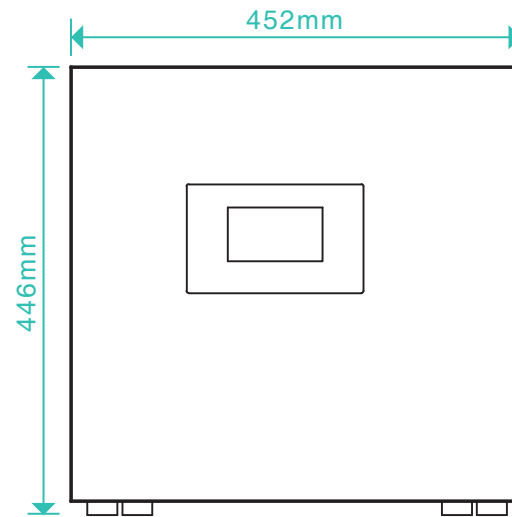
Model	Q72B
Vol	23L
Screen	Multi-Color LCD4.3" Touch Screen
Door Lock	Electrical Safety Door
Device Dimensions	452mm(W)*446mm(H)*685mm(D)
Chamber Dimensions	φ 253mm*460mm
Weight	61KG
Power	2500W, 220V/50Hz or 110V/60Hz
Data Interface	USB/RS232
Printer	External Printer (Optional)
Water tank	External water tank
Tray	5 Layers Tray
Vacuum level	-0.96bar
Residual Humidity	< 0.1%

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

Features

- 3-time pre-vacuum
- External water tank
- Vacuum drying
- Pre-heat feature
- Emergency stop
- Smart load monitor system
- Embedded control system
- Intelligent error detection
- Innovative jog-dial knob
- External water circulation
- Power off Protection
- Built-in large memory
- Water quality monitor
- Custom program
- Manual lock
- Color LCD touch screen
- Preset timer
- 9 programs
- Automatic upgrade with USB driver

Product Measurements Q72B



Large Capacity Water Cooling Autoclaves

The 46L Autoclave can accommodate up to 16.7KG of metal instruments. That is 330% of the capacity of the 18L autoclave.

Q102B/Q82B/Q92B



Large and fast

Equipped with leading water cooling technology, the large capacity autoclaves maintain fast speed while increasing the maximum capacity.



Extreme dryness with full load

The new generation of heating technology not only ensures the level of dryness for a larger capacity, but also significantly shortens the time to dry. Satisfied dryness is guaranteed even with full load of wrapped instruments or cotton textiles, if loaded correctly.



Continuous operation

It is perfect for practices with larger sets of instruments and suitable for practices that wish to carry out several sterilization processes one after another.



Gentleness on delicate instruments

Precise temperature and pressure control in the chamber ensures that instruments are heated evenly on the inside and outside to prevent damage.



Easy maintenance

External water connection: distilled water is fed from the external water reservoirs automatically. There is no need to clean the water tank and discharge the waste water on a regular basis.



High sterility assurance level

Powered by a vacuum pump capable of achieving a vacuum of -0.96bar. Haetmed autoclaves extract air from hollow or porous loads and fill them with saturated steam, thus ensuring effective sterilization and avoiding risk of infection.



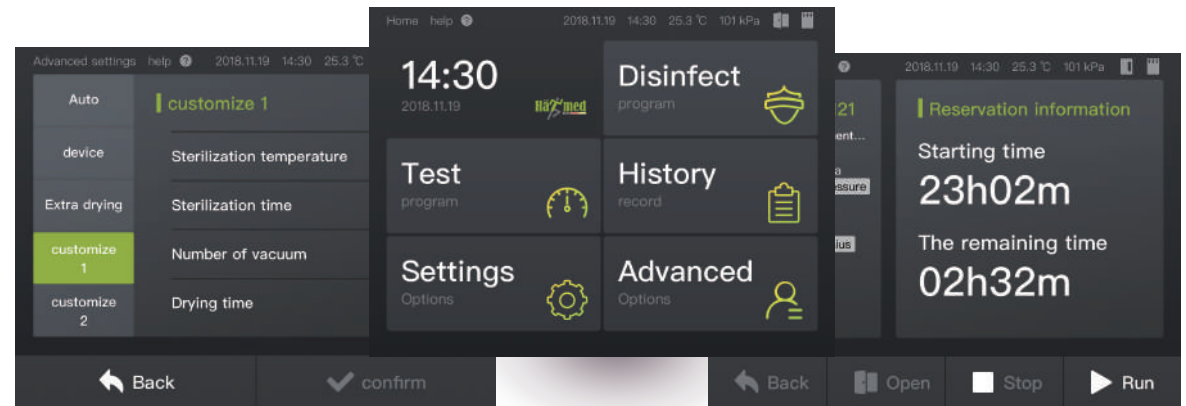
Patented steam generator

The patented design generates saturated steam very quickly. 100% stainless steel guarantees reliability by hindering rust and corrosion that causes clogging and malfunction.



Features

- 3-time pre-vacuum
- External water tank
- Vacuum drying
- Pre-heat feature
- Emergency stop
- Smart load monitor system
- Embedded control system
- Intelligent error detection
- Innovative jog-dial knob
- External water circulation
- Power off Protection
- Built-in large memory
- Water quality monitor
- Custom program
- Manual lock
- Color LCD touch screen
- Preset timer
- 9 programs
- Automatic upgrade with USB driver



Safe and easy to operate

Automatic door

Features an innovative automatic door that opens with just one touch.

Coloured 5.6" touch-screen display

Enabling intuitive operation and showcasing real-time information of the sterilization cycle including temperature and pressure in the chamber.



Log record

The optional printer allows you to conveniently print sterilization records. These historical records can be easily accessed and referenced by date, providing a comprehensive audit trail of your sterilization processes.

✓ Safer and more reliable

Mechanical temperature switch

Automatically power off when overheating is detected.

Intelligent temperature control

Steam generator will no longer heat continuously when inside is over temperature to ensure safety and steam quality.

Safety valves

Dual safety valves for both the steam generator and sterilization chamber.

Mechanical emergency door switch

If the sterilizer is powered off during normal operation, the chamber automatically recovers to normal pressure allowing the loads to be taken out safely and timely by an emergency door button or by waiting for electricity restoration.

Technical Specifications

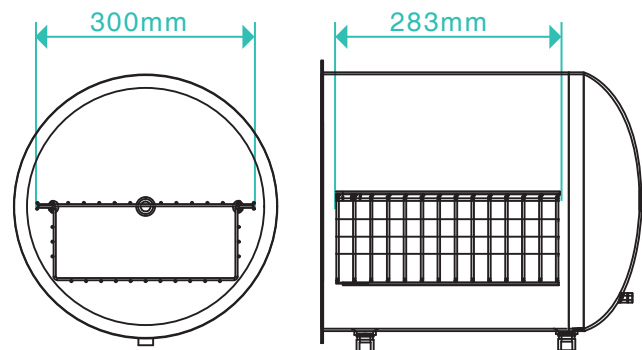
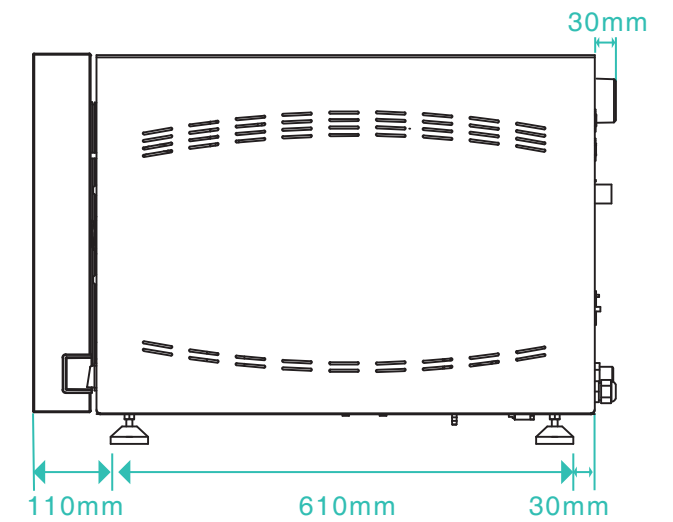
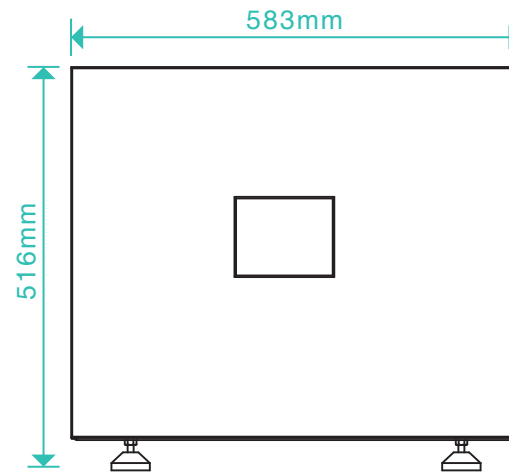
Type	Q102B	Q82B	Q92B
Vol	29L	46L	55L
Screen	Colored LCD 5.6" Touch Screen	Colored LCD 5.6" Touch Screen	Colored LCD 5.6" Touch Screen
Door Lock	Automatic safety door	Automatic safety door	Automatic safety door
Device Dimensions	583mm(W)*516mm(H)*750mm(D)	583mm(W)*516mm(H)*910mm(D)	583mm(W)*516mm(H)*1010mm(D)
Chamber Dimensions	∅ 319mm*411mm	∅ 319mm*621mm	∅ 319mm*711mm
Weight	102KG	126 KG	136 KG
Power	4600W, 220V/50Hz or 110V/60Hz	4600W, 220V/50Hz or 110V/60Hz	4600W, 220V/50Hz or 110V/60Hz
Printer	External Printer(Optional)	External Printer(Optional)	External Printer(Optional)
Water tank	External water tank	External water tank	External water tank
Tray	U-shaped steel wire basket	U-shaped steel wire basket	U-shaped steel wire basket
Vacuum level	-0.96bar	-0.96bar	-0.96bar
Residual humidity	< 0.1%	< 0.1%	< 0.1%

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

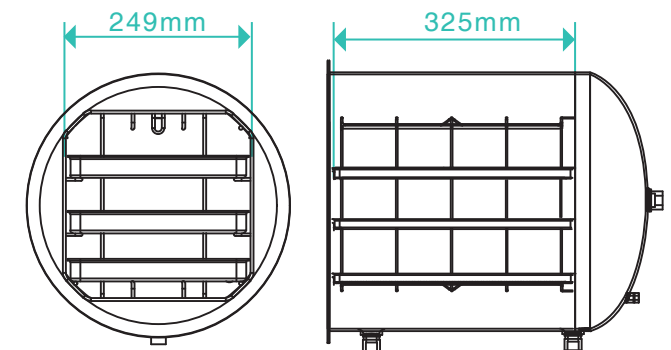
Features

- 3-time pre-vacuum
- External water tank
- Vacuum drying
- Pre-heat feature
- Emergency stop
- Smart load monitor system
- Embedded control system
- Intelligent error detection
- Innovative jog-dial knob
- External water circulation
- Power off Protection
- Built-in large memory
- Water quality monitor
- Custom program
- Automatic safety door
- Color LCD touch screen
- Preset timer
- 9 programs
- Automatic upgrade with USB driver

Product Measurements **Q102B** 29L

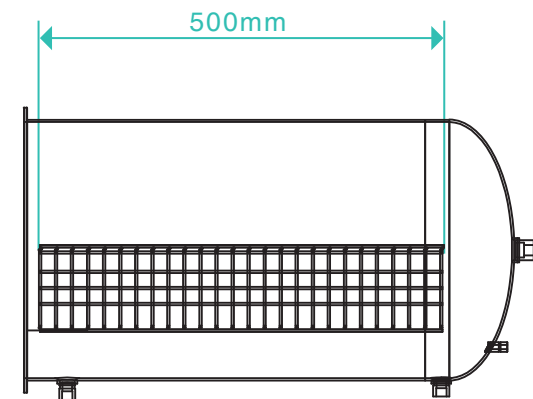
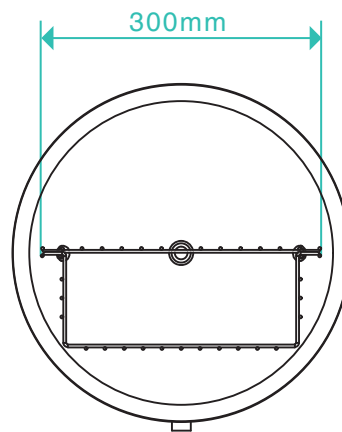
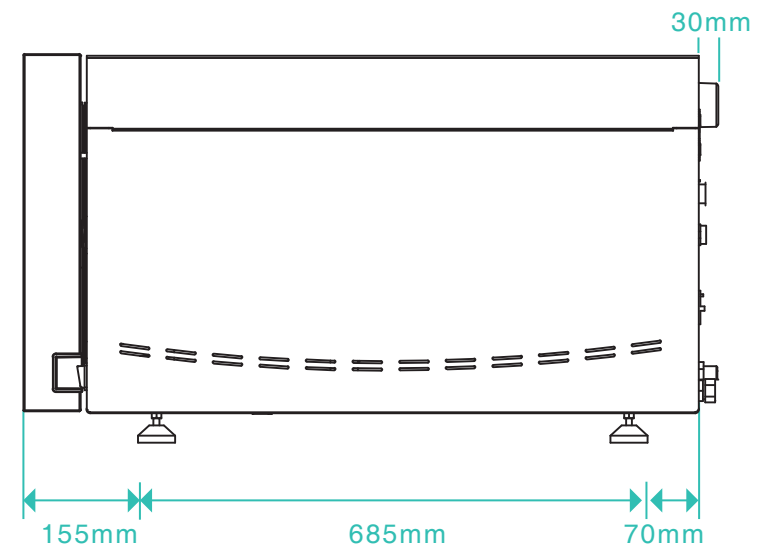
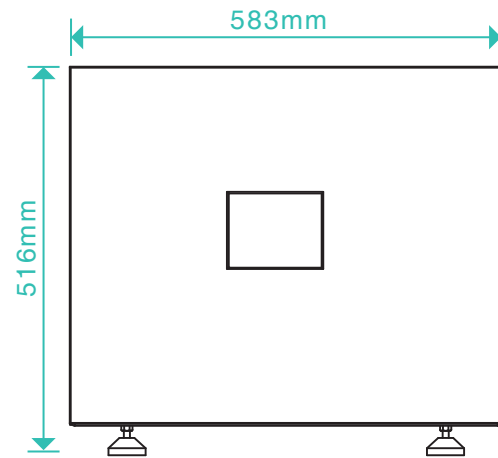


U-shaped steel wire basket

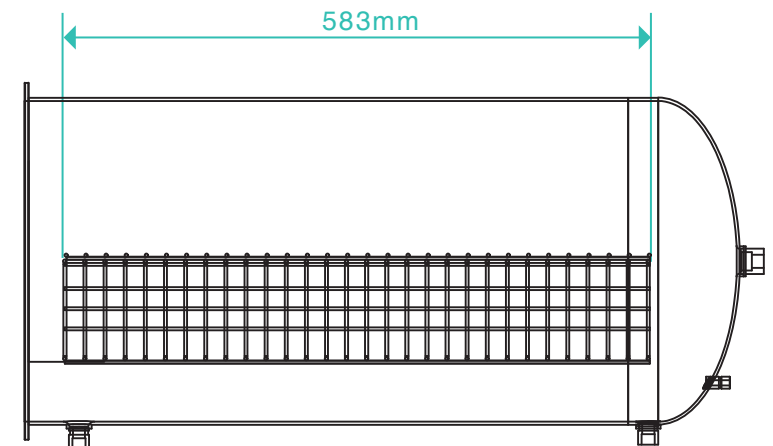
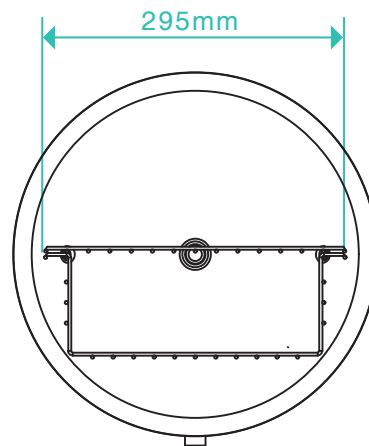
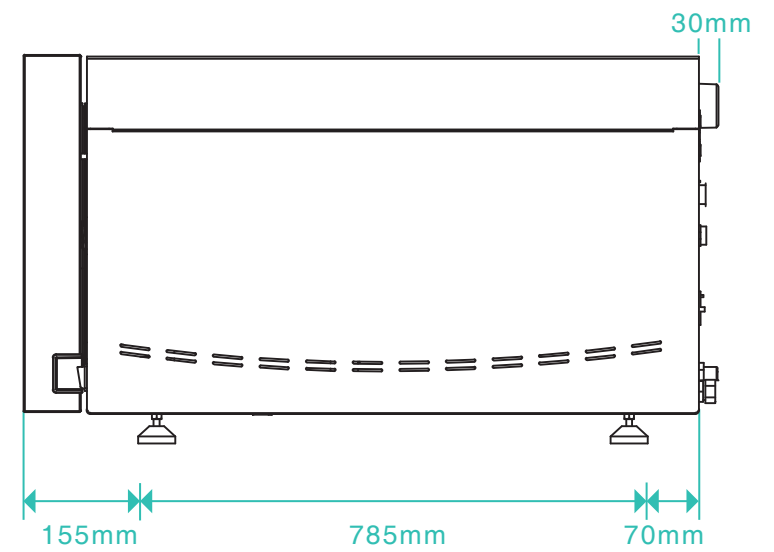
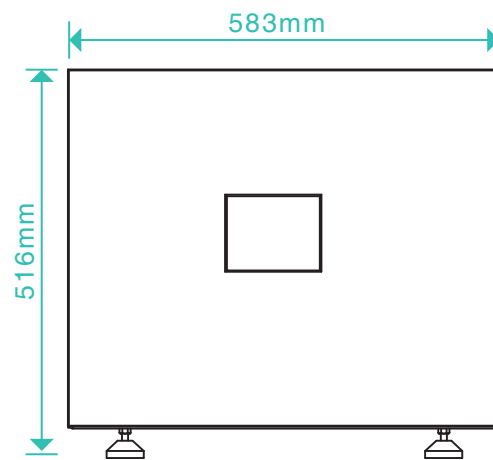


Steel wire basket(optional)

Product Measurements Q82B 46L



Product Measurements **Q92B** 55L





At HäTmed, our vision is to ensure infection prevention and safety in medical environments. Our growth is built on persistent technological advancements, a commitment to quality, and continuous innovation. Since our establishment, we have successfully developed water-cooling sterilizers and significantly enhanced the performance of air-cooling sterilizers, providing safe and reliable sterilization solutions for hospitals and dental practices. Today, we introduce a new generation of fast sterilizers (class B) with innovative thinking. To meet diverse clinical needs, our product line now ranges from 5L fast autoclaves to 55L large-capacity sterilizers.

Contact Us

Germany

HäTmed GmbH

Sternstraß 67 40479 Düsseldorf Deutschland/Germany

Tel: +49 211 1645 9576

Fax: +49 211 1645 9359

Email: info@haetmed.de

www.haetmed.de

China

HeaTmed(Wuxi) Co.,Ltd

6th Floor, Building 7 , Area C , 1699# Huishan Avenue,
Huishan District,Wuxi Jiangsu Province,214174,P.R.China

Tel: +86 510 66682078

Fax: +86 510 66682079

Email: info@haetmed.de

www.haetmed.de

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