

Compact Autoclave Range

63 litre model

Fitted with heaters in chamber as standard

Astell's top loading 'Compact' autoclave range is available in two versions and each is totally self-contained. These units require no plumbing, and only a standard single phase power supply.

The range is available as either 'Classic' or 'Autofill'.

Classic – The 'Classic' version requires manual water-fill and during the cycle condensate leaves the vessel via a silicone tube that can be connected to a heat-resistant bottle.

Autofill – The 'Autofill' version has an integral reservoir and an in-built water re-circulation system. Once the reservoir is filled, this provides water for up to 15 cycles, and also acts as a collection vessel for condensate and the water that is automatically returned from the chamber at the end of each cycle, minimising water usage.

Other features include:

- A 5.7" colour touchscreen with integrated USB data port
- Electropolished stainless steel chamber
- Castor mounted for easy movement
- Media holdwarm and delayed start facility



Specifications

Model no.	Classic/ Autofill	Steam source	Volume (litres)	Power supply	Chamber diam. x depth (mm)	Usable chamber depth (mm)	Overall dimensions W x H x D (mm)
AMA440	Classic	Heaters in Chamber	63	Single Phase, 230V, 13A, 50/60 Hz	346 x 668	576	530 x 1070 x 705
AMA240	Autofill		63		346 x 668	576	530 x 1070 x 705

Bottle capacity

Below is a table identifying the number of Duran bottles it is possible to fit in to the chamber of each model using the standard base shelf.

Model no.	500ml	1000ml	2000ml
AMA440	16	10	6*
AMA240	16	10	6*

*8 x 2000ml Durans can be accommodated without the use of baskets, but this requires an additional Load Support Plate. Astell Ref: AAN074.



Additional options

Load Sensed Process Timing	Ref: AAR014	Condensate bottle (Classic model only)	Ref: AAN308
Pulsar Freesteaming	Ref: AAN009	Category III (BSL-3) compliance	Ref: AVQ006
Integral data printer	Ref: AAR130	Stainless steel basket (D:310 x H:270 mm)	Ref: AAN340
Remote maintenance/diagnosis	Ref: RDM101	Morrison discard container (D:310 x H:270 mm)	Ref: AAN342
Ethernet interface	Ref: AAR122	Load support plate	Ref: AAN074
IQ/OQ documentation	Ref: IQ/OQ		
Assisted air cooling	Ref: AAP007		



Condensate bottle

The condensate bottle can be connected to any of the 'Classic' model autoclaves to allow up to 4 litres of water collection during and after the sterilization cycle. This option is useful in situations where no easy drainage is available, or as a lower cost alternative to the 'Autofill' versions. Astell Ref: AAN308.

Options capacity

Part name	Part ref.	Dimensions: Diameter x Height (mm)	AMA440 & AMA240
Morrison discard container	AAN342	310 x 270	2
Stainless steel basket	AAN340	310 x 270	2

Installation requirements

Power requirements:

The power requirements for the standard machines are listed in the Specifications table. Compact units require a standard single phase power supply. *N.B. A Neutral line and protective Earth are required for all electrically heated units.*

Drainage requirements (Classic models only):

A condensate bottle (Ref: AAN308) or a similar heat resistant receptacle.



Touchscreen controller



Data printer (optional)



Pressure gauge



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