

Duaclave Autoclave Range

66, 86, 126, 240, 306 litre models

Fitted with heaters in chamber

The 'Duaclave' is the ideal autoclave where laboratory space is at a premium. The Duaclave features two identical chambers, stacked one directly above the other, giving double the capacity for the same footprint.

Combining two units within one frame, the two chambers operate completely independently – for example, allowing you to run a glassware cycle in one chamber whilst preparing your media with the other.

Duaclave models are only available with 'heaters in chamber'.

Features include:

- Media holdwarm and delayed start facility
- 5.7" colour touchscreens
- Electropolished stainless steel chambers
- External pressure gauges
- Versatile range of options and accessories (see overleaf for details)
- Over pressure/temperature protection
- Validation port



Specifications

Model no.	From range	Steam source	Volume (litres)	Power supply	Chamber diam. x depth (mm)	Usable chamber depth (mm)	Overall dimensions W x H x D (mm)
AMB420DV	Benchtop	Heaters in Chamber	33 (x2)	2 x Single Phase, 230V, 13A	346 x 355 (x2)	294	520 x 1200 x 780
AMB430DV			43 (x2)		346 x 465 (x2)	403	520 x 1200 x 780
AMB440DV			63 (x2)		346 x 668 (x2)	600	520 x 1200 x 980
ASB260DV	Swiftlock		120 (x2)	2 x Single/3Ph, 7/10kW	454 x 740 (x2)	633	685 x 1855 x 1310
ASB270DV			153 (x2)		454 x 945 (x2)	862	685 x 1855 x 1310

(Power consumption/dimensions may vary with the addition of certain options)

Bottle capacity

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

Model no.	500ml	1000ml	2000ml
AMB420DV	10	8	2
AMB430DV	14	11	3
AMB440DV	21	15	4
ASB260DV	24	18	8
ASB270DV	33	23	11



Additional options – AMB420DV – AMB430DV – AMB440DV

Load Sensed Process Timing	Ref: AAR014
Pulsar Freesteaming	Ref: AAN009
Integral data printer	Ref: AAR130
FDA 21 CFR part 11 controller software	Ref: CFR021
Remote maintenance/diagnosis	Ref: RDM101
Ethernet interface	Ref: AAR122
IQ/OQ documentation	Ref: IQ/OQ
Assisted air cooling	Ref: AAP006
Morrison discard container (W:180 x H:200 x D:260mm)	Ref: AAN346

Category III (BSL-3) compliance	Ref: AVQ009
Five position shelf rack (AMB420) Two shelves supplied	Ref: AAN025
Five position shelf rack (AMB430) Three shelves supplied	Ref: AAN530
Five position shelf rack (AMB440) Three shelves supplied	Ref: AAN040
Spare shelf (AMB420)	Ref: AAN022
Spare shelf (AMB430)	Ref: AAN532
Spare shelf (AMB440)	Ref: AAN043

Additional options – ASB260DV – ASB270DV

Load Sensed Process Timing	Ref: AAR014
Pulsar Freesteaming	Ref: AAN009
Integral data printer	Ref: AAR130
FDA 21 CFR part 11 controller software	Ref: CFR021
Remote maintenance/diagnosis	Ref: RDM101
Ethernet interface	Ref: AAR122
IQ/OQ documentation	Ref: IQ/OQ
Assisted air cooling	Ref: AAP006
Advanced water cooling	Ref: AAP100
Autodrain	Ref: AAP018

Autofill	Ref: AAP019
Drain Cooling	Ref: AAN420
Category III (BSL-3) compliance	Ref: AVQ006
Morrison discard container (W:280 x H:290 x D:330mm)	Ref: AAN300
Container tray (W:279 x H:127 x D:279mm)	Ref: AAN080
Additional shelf kit (for ASB260/ASB270)	Ref: AAN316
Water softener (compact)	Ref: AAW002
Direct Steam model	Ref: Various

Installation requirements

Power requirements:

The power requirements for the standard machines are listed in the Specifications table, however these can vary depending on the options selected. For details on the exact power requirements on these options please contact us. *N.B. A Neutral line and protective Earth are required for all electrically heated units.*

AMB model drainage requirements:

A condensate bottle or a similar heat resistant receptacle per chamber. Alternatively connection to a free venting, non-manifolded drain (35mm diameter) capable of withstanding temperatures up to 100°C.

ASB model water and drainage requirements:

A cold water supply of 2-6 Bar minimum, 4 litres/min is required for the 'Autofill' option. Max temperature 25°C, Max flow rate 20 litres/min. Requirements vary for RO/de-ionised/hard water.

Drainage: Free venting, non-manifolded drain (35mm diameter) capable of withstanding temperatures up to 100°C.



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