

The Astell Duaclave Range

66 | 86 | 126 | 240 | 306 Litres



Pictured Right:  
AMB420BTDV,  
AMB430BTDV  
& AMB440BTDV  
models.

Pictured Left:  
ASB260BTDV  
& ASB270BTDV  
models.

Product Overview

The ‘Duaclave’ is the ideal autoclave where laboratory space is at a premium. The Duaclave features two identical chambers, one directly above the other.

Combining two units within one frame, the two chambers operate completely independently - allowing you to run a glassware cycle in one chamber whilst getting your media ready in the other.

This range of products is based on Astell’s standard range and are available in combined chamber volumes from 66 - 306 litres.

Duaclave models are only available with the Heaters in Chamber heating method. Please see the relevant single chamber product pages for the exact details of which options can be purchased in conjunction with this product. Model numbers are the same part numbers as displayed below minus the DV suffix (for example the AMB420BTDV is the AMB420BT)

SPECIFICATIONS	Capacity (Total/each) (Litres)	Chamber (each) (Dia x Depth - mm)	Overall Dimensions (wxhxd in mm)	Power Supply (each chamber)
AMB420BTDV	66 (33)	350 x 360	520 x 1200 x 780	1 Ph, 230v, 13A, 50/60Hz
AMB430BTDV	86 (43)	350 x 460	520 x 1200 x 780	1 Ph, 230v, 13A, 50/60Hz
AMB440BTDV	126 (63)	350 x 660	520 x 1200 x 980	1 Ph, 230v, 13A, 50/60Hz
ASB260BTDV	240 (120)	450 x 635	685 x 1855 x 1310	Single/3 Phase 7/10kW
ASB270BTDV	306 (153)	450 x 865	685 x 1855 x 1310	Single/3 Phase 7/10kW

CONSIDERATIONS

Duaclaves are ideal for situations where the user may require staggered sterilization cycles or physically have only enough space to locate one autoclave. With one normal sterilizer, different cycle types can be run one after the other, but with the Duaclave as the chambers are separate, different items can be placed in each chamber at the same time. **Please note:** As each chamber is independent, 2 of each option may be required (one for each chamber).

LARGER CAPACITIES

If you are considering the purchase of a Duaclave for the purpose of gaining a higher throughput for sterilisation, then you might want to consider a square chamber autoclave. Although square chamber autoclaves are often at a higher price point, due to their uniform internal shape they offer a much larger capacity for users looking to sterilize lots of the same items i.e petri dishes or media bottles. For more information on square chambered autoclaves please see pages 13 - 16.