

## SQUARE Autoclave Range

125 – 735 litre models

*Fitted with steam generator as standard*

Astell's SQUARE range offers the choice of seven different chamber sizes ranging from 125 to 735 litres and various heating, loading and door options. The SQUARE range is suitable for sterilizing glassware, fluids, waste and porous type loads (subject to configuration).

### Features include:

- 5.7" colour touchscreen controller
- 7 standard chamber sizes available
- Choice of three heating methods: Direct steam, heaters in chamber or with steam generator (subject to chamber size and load type)
- Single or double doors (pass through)
- Automatic or manual door operation
- Full range of options and accessories (see overleaf for details)
- Custom built units available to meet your exact requirements



## Specifications

Models listed below are a representative selection. Please contact us for the full range of available sizes and options.

Model no.	Volume (litres)	Doors	Door mech.	Steam generator	Chamber dimensions W x H x D (mm)	Overall dimensions W x H x D (mm)
AVS125	125	1	Auto or Manual	24kW	500 x 500 x 500	780 x 2000 x 1300
AVS216	216	1	Auto or Manual	24kW	600 x 600 x 600	880 x 2000 x 1400
AVS250	250	1 or 2	Auto or Manual	24kW	500 x 500 x 1000	880 x 2000 x 1750
AVS360	360	1 or 2	Auto or Manual	24kW	600 x 600 x 1000	880 x 2000 x 1750
AVS490	490	1 or 2	Auto	48kW	700 x 700 x 1000	1250/1500 x 2000 x 1700
AVS612	612	1 or 2	Auto	48kW	700 x 700 x 1250	1250/1500 x 2000 x 2000
AVS735	735	1 or 2	Auto	48kW/72kW	700 x 700 x 1500	1250/1500 x 2000 x 2300

*(Overall dimensions are based on single door models. May vary with the configuration and addition of certain options)*

## Standard safety features

All SQUARE range autoclaves are fitted with the following built-in safety features as standard:

- Over temperature protection, a cooling lock, a safety valve test program and emergency stop button
- The door mechanism is safety linked meaning a cycle cannot start until the door is properly closed; or opened until the pressure and temperature within the chamber is at a safe level
- The door seal is steam and vacuum resistant, and will seal effectively without trapping or entrapment of 'foreign' material
- Doors are thermally insulated to prevent the surface temperature presenting a potential hazard to operators



AVS735 fitted with optional stainless steel panels

