

Swiftlock Front Loading Autoclaves

| 120 | 153 | 247 | 290 | 344 | Litres



Ideal for most laboratory applications including sterilization of Liquids (Media), Discard, Glassware, and Laboratory Instruments. Vacuum available for more demanding applications.

Standard features

- 5.7" Full Colour Touchscreen
- PLC Controller
- Drain Valve
- Data Archive
- Timed (Delayed) Start
- Swiftlock Closure
- Electro-Polished Chamber
- Validation Port
- Media Holdwarm
- Internal Base Shelf
- Cooling Lock
- Over-Temperature Protection
- Safety Valve Test Program
- Pressure Gauge
- 5 Password Levels
- Multi Program
- Emergency Stop
- Timed/Pulsed Free Steaming
- Optional Single or 3 Phase Power requirement (on 120 & 133L models)

Swiftlock Front Loading Autoclaves

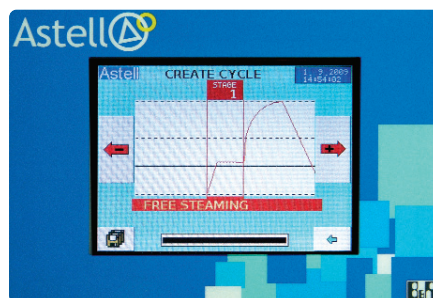
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Technical details

Reference	Steam Source	Power Supply	Volume Litres	Chamber Dia x Depth mm	Overall Dims w x h x d
ASB260BT + Vacuum	Heaters in Chamber Integral Steam Generator	Single or 3 Ph, 15A/Ph, 7/10kW 3 Ph, 25A 18kW	120 120	450 x 635 450 x 635	685 x 1490 x 1100 685 x 1490 x 1300
ASB262BT + Vacuum	Direct Steam Direct Steam	Single Ph, 2A, 3 Ph, 6A 4kW	120 120	450 x 635 450 x 635	685 x 1490 x 1100 685 x 1490 x 1300
ASB270BT + Vacuum	Heaters in Chamber Integral Steam Generator	Single or 3 Ph, 15A/Ph, 7/10kW 3 Ph, 25A 18kW	153 153	450 x 865 450 x 865	685 x 1490 x 1310 685 x 1490 x 1300
ASB272BT + Vacuum	Direct Steam Direct Steam	Single Ph, 2A 3 Ph, 6A 4kW	153 153	450 x 865 450 x 865	685 x 1490 x 1310 685 x 1490 x 1300
ASB280BT + Vacuum	Heaters in Chamber Integral Steam Generator	3 Ph, 20A/Ph, 12kW 3 Ph, 38A 28kW	247 247	600 x 735 600 x 735	900 x 1575 x 1370 900 x 1575 x 1570
ASB282BT + Vacuum	Direct Steam Direct Steam	Single Ph, 2A 3 Ph, 6A 4kW	247 247	600 x 735 600 x 735	900 x 1575 x 1370 900 x 1575 x 1370
ASB290BT + Vacuum	Heaters in Chamber Integral Steam Generator	3 Ph, 25A/Ph, 16kW 3 Ph, 38A 28kW	290 290	600 x 885 600 x 885	900 x 1575 x 1370 900 x 1575 x 1570
ASB292BT + Vacuum	Direct Steam Direct Steam	Single Ph, 2A 3 Ph, 6A 4kW	290 290	600 x 885 600 x 885	900 x 1575 x 1370 900 x 1575 x 1570
ASB300BT + Vacuum	Heaters in Chamber Integral Steam Generator	3 Ph, 25A/Ph, 16kW 3 Ph, 38A 28kW	344 344	600 x 1085 600 x 1085	900 x 1575 x 1570 900 x 1575 x 1570
ASB302BT + Vacuum	Heaters in Chamber Direct Steam	Single Ph, 2A 3 Ph, 6A 4kW	344 344	600 x 1085 600 x 1085	900 x 1575 x 1570 900 x 1575 x 1570

The new Logi control system

- Full Colour Touch Screen
- Icon Driven
- Password Protected Security System
- Multiple Access Levels
- Simple Cycle Selection
- Optional RS232 Interface / Port allowing connection to other peripheral devices such as a printer
- Operator Interface
- Enables continual monitoring
- Individual analogue channels are displayed
- Temperature / Pressure etc
- Continuous Data Archiving
- Self-Help Tutorial



The controller consists of a wipe clean touch screen measuring 122 x 94 mm and is based on an industrial PLC controller with analogue and digital input/output modules. The controller software has been developed by Astell for the precision control of autoclaves.

Additional options available

(see Options brochure for further details)

Reference	Description
AAR130	Integral Data Printer
AAR500	Sterilization Datalogger
AAN014	Load Sensed Process Timing
AAR120	RS232 Interface
AAW001/ AAW002	Water Softener
AAP018	AutoDrain
AAP102	Internal Convection Fan Cooling
ADA100	Deluge Cooling
AAP100	Advanced Water Cooling
AVC004	Air Ballast
AAQ500	Integral Air Compressor (Vacuum Units)
AJP100	Heated Jacket
AVC005	CAT III Compliance
AAN420	Exhaust Heat Exchange System
AAR122	Ethernet Interface
AAP019	Autofill
AAP006	Assisted Air Cooling
IQ/OQ	Document Package
AAN009	Pulsar Freesteamming (Non Vacuum)
AAN080	Container Tray
AAN300	Morrison Discard Container
AAN316/AAN318	Additional Shelf Kit
AVC001/AVC002	Vacuum System

NB - Opposite Hand door configuration can be offered

Installation

Electrically Heated Models (in-vessel or steam generator)

Power: 3-Phase 380-440 volts (Phase-Phase), 50 or 60 Hz. 10kW models may be operated at 7kW from a Single Phase 30 Amp 200-240 Volt supply. For use on 3-Phase Power Supplies of 200-240volts (Phase-Phase) please specify option AAN110 at time of order. NB. A Neutral Line and Protective Earth are required for all electrically heated units.

Water: A cold water supply of 2 to 6 bar minimum, 4 L/min is required for the Autofill or Water Cooling (including Deluge Cooling) options. Max Temp. 25°C, Max flow rate 20L/Min.

Direct Steam Heated Models

Power: Single-phase supply of 200-240V 50/60 Hz. A Protective Earth plus Neutral is required. For use on 110 volt + 10% 50/60 Hz supplies specify option AAN110 at time of order.

Steam: A supply of DRY SATURATED steam at 4 Bar is required for Direct Steam Heated models.

All Models

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

Standards Compliance

ISO9001: 2008
 ISO 17025:2005 (UKAS)
 ISO13485: 2003
 Pressure Equipment Directive (EN/97/23/EC)
 Medical Devices Directive (93/42/EC & 2007/47/EC)
 IEC 61010



Astell Scientific Ltd 19-21 Powerscroft Road, Sidcup, Kent DA14 5DT
 Tel +44 (0) 208 309 2024/3/2 Fax +44 (0) 208 309 2036
 Email info@astell.com www.astell.com

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