

Steam Generator Range

24kW, 48kW and 72kW models

Stand-alone steam generator units

Astell's Steam Generators are designed with sterilizers in mind, where steam is required in short high peak deliveries during air removal, with quick regeneration and the storage capacity to perform on demand.

Available in three sizes, each Steam Generator is fully programmable via its touchscreen control system, which also displays live information regarding pressure vessel status, pump status and steam pressure.

Standard features include:

- Electrically heated & capable of clean steam generation (subject to water supply)
- Touchscreen controlled with high/low water level indicator
- Electropolished stainless steel pressure vessel
- Over temperature and over pressure cut out
- Float switch level control (water)

Stainless steel pipework, panelwork and a sight glass are available as optional extras in addition to the above specification of the standard unit.



STG024/STG048 model

Specifications

Model no.	Rating	No. of heaters	Power supply	Width (mm)	Height (mm)	Depth (mm)		STG024/STG048	STG072
STG024	24kW	1	3 Phase + Neutral & Earth, 24kW	600	1280	1060	Water capacity	89 litres	292 litres
STG048	48kW	2	3 Phase + Neutral & Earth, 48kW	600	1280	1060	Working water level	68 litres	168 litres
STG072	72kW	3	3 Phase + Neutral & Earth, 72kW	800	2000	1150	Max. working pressure	6 Bar	6 Bar

Technical details

Installation requirements

Power requirements:

The power requirements for the standard machines listed in the Specifications table are 415 V, 3 Phase, with Neutral and Earth. Requirements can vary depending on the configuration and options selected. For additional details of exact power requirements please contact us.

Water and drainage requirements:

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

Drainage: Free venting, non-manifolded drain (54mm diameter) capable of withstanding temperatures up to 100°C.



STG072 model



Astell Scientific Ltd, Powerscroft Road, Sidcup, Kent DA14 5DT, UK

Tel: +44 (0)20 8309 2031 E-mail: info@astell.com

Astell Scientific Ltd is a company registered in England. Registered no. 487717.