



AH-CSG Clean Steam Generator

Clean Steam to AS/NZS 4187:2014

Clean Steam operational
pressure of 3 to 5 barg

Delivers up to 300kg/hr
of clean steam

Typically supplying up
to 3 sterilisers

Efficient compact design

On-board water degassing
and heating

Designed and built in Australia



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specifications

The unit incorporates an integral feedwater tank and degassing system and is supplied as a fully assembled and tested package. The AH-CSG provides the core of the steam generation system and additional items such as blow down vessels, pressure reducing valves maybe required.

Provides clean Steam to AS/NZS 4187:2014

Efficient Compact design with minimal footprint 1710x810x2075h

Clean Steam operational pressure of 3 to 5 barg, featuring onboard water degassing and heating

300kg/hr of clean steam, typically supplying up to 3 sterilisers

Control via local process controllers

Minimal Installation and commissioning from a preassembled unit

Designed and built in Australia

Steam Pressure Limits

Primary side (plant steam)	Maximum operating pressure	10 bar g
	Minimum operating pressure*	7 bar g
Secondary side (clean steam)	Maximum operating pressure	5 bar g
	Minimum operating pressure*	3 bar g

*Lower steam pressure may be possible, consult your Spirax sales representative.

Technical Data

Feedwater - The feed water supplied to the clean steam generator must meet the requirements below.

Property	Maximum Value
Residue on evaporation	≤ 10 mg/l
Silicate	≤ 1 mg/l
Iron	≤ 0.2 mg/l
Cadmium	≤ 0.005 mg/l
Lead	≤ 0.05 mg/l
Rest of heavy metals except iron, cadmium lead	≤ 0.1 mg/l
Chloride	≤ 0.5 mg/l
Phosphate	≤ 0.5 mg/l
Conductivity (at 20°C)	≤ 5 µS/cm
pH (20°C) value	5 to 7.5
Appearance	Colourless clean without sediment
Hardness (Σ ion of alkaline earth)	≤ 0.02 mmol/l

Dimensions and Weights

Length	Width	Height	Weight
1710	810	2075	Empty 525kg Max 875kg

Piping and Instrumentation Diagram

