# spirax sarco

# 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





## 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

<sup>\*</sup>Lower steam pressure may be possible, consult your Spirax sales representative.

#### **Technical Data**

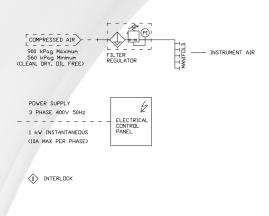
Feedwater - The feed water supplied to the clean steam generator must meet the requirements below.

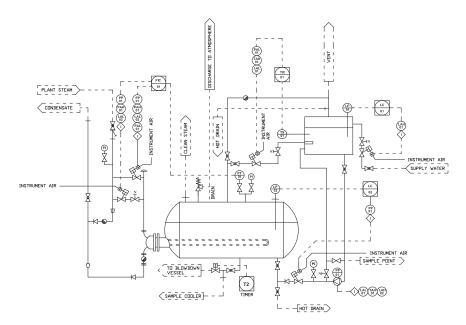
Maximum Value
≤ 10 mg/l
≤ 1 mg/l
≤ 0.2 mg/l
≤0.005 mg/l
≤0.05 mg/l
≤ 0.1 mg/l
≤ 0.5 mg/l
≤ 0.5 mg/l
≤ 5 µS/cm
5 to 7.5
Colourless clean without sediment
≤ 0.02 mmol/l

### **Dimensions and Weights**

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

### Piping and **Instrumentation Diagram**







W: spiraxsarco.com/global/au Spirax Sarco Pty Ltd New Zealand

> E: sales@nz.spiraxsarco.com W: spiraxsarco.com/global/nz

Spirax Sarco Pty Ltd Australia

6 Nandina Ave, East Tamaki, Auckland 2013 T: 0800 800 229

14 Forge Street Blacktown NSW 2148 Australia T: +61 (2) 9852 3100 F: +61 (2) 9852 3111 E: info@au.spiraxsarco.com