PRODUCT DATASHEET

Pure Steam Generator

Clean steam for sterilisers and SIP





DETAIL – EVAPORATOR COLUMN

OVERVIEW

The Tech Inc. Pure Steam Generator turns purified water into pure (clean) steam for autoclaves, sterilisers, steam-in-place and humidification of clean rooms. A falling-film or thermosiphon evaporator with droplet separation removes endotoxins and non-condensable gases.

MODELS AND CONFIGURATIONS

- **Plant-steam heated** – larger outputs.
- **Electrically heated** – where plant steam is not available.
- **Combined with WFI still** – shared columns.

TYPICAL DESIGN DATA

Output	50 to 3000 kg/h
Pressure	Up to about 3.5 bar g
Quality	To EN 285 and pharmacopoeia condensate limits
Materials	SS316L

APPLICATIONS

Autoclaves and sterilisers, SIP of tanks and lines, clean-room humidification and WFI stills.

KEY ADVANTAGES

- **Pyrogen-free steam** – droplet separation
- **Dry steam** – low wetness for sterilisers
- **Monitored** – sample cooler and conductivity

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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