Steam Generator

Developed primarily as an economical means of generating steam for the Logiclave LAB range of freestanding autoclaves, the ESTS steam generator provides an innovative and cost effective solution. The design is based on a proprietary heat exchanger and incorporates a coiled stainless steel tube cast into an aluminium block with electrical heating elements. The system is supplied complete with low water content heat exchanger, PID temperature controller, solid-state relay, circuit protective devices and a fully automatic blowdown system. Generally it is linked to the autoclave controller to provide ‘on demand’ steam although if required it can also be supplied as a small standalone steam generator package.

We also maintain and supply other commercially available electrically heated flash steam generators typically up to 72kw

On Demand Steam

Fully integrated steam generation system:

- High efficiency
- Low water content
- Rapid steam generation
- Consistent and accurate temperature control
- PID controller
- Automatic blowdown system
- Low maintenance
- No requirement for independent boiler insurance inspections

Construction

- 316L Stainless steel process fluid path
- Seamless non welded construction
- Cast aluminium block
- Can run dry without detrimental effect
- No internal surfaces for contamination to reside
- Smooth easy to clean internal surfaces
- Heater failure will not cause leaks or contaminate process fluids

Clean Steam

- Capable of producing steam suitable for sterilisation of medical devices (clean steam)
- Connections to onsite RO water supply
- Alternatively supplied with integrated RO water treatment plant & softener
- Ultra violet (UV) water filtration
- Storage tank
- RO circulation pump and heater

Cost Effective

- Unlike conventional flash steam type generators - no stored water
- PID controlled electrical heater elements
- Heat only transferred at a rate the fluid can absorb
- Low maintenance design
- Fully automatic blowdown
- Generally excluded from written scheme of examination
▪ Laboratory Autoclaves ▪ Steam Sterilizers ▪
▪ Washer Disinfectors ▪ Endoscope Washer Driers ▪

Sales
Service
Validation
Testing
Refurbishments
Accessories