Envirosep has led the way in packaged systems by offering designs and manufacturing integrated solutions for fluid handling, heat transfer and energy recovery for over 20 years. We strive to provide the most cost effective and energy efficient unfired clean steam generators to our customers.

Envirosep engineers and manufactures packaged custom, unfired clean steam generators which utilizes source steam of a higher pressure to generate clean steam at a lower pressure. High temperature hot water or thermal fluids may be used as a heat source as well. Typical applications that utilize clean steam are humidification, food & beverage processing, and sterilization. Custom designs may be developed to fulfill the requirements of the most complex applications.

**FEATURES & BENEFITS**

- The Envirosep ESG-C is factory manufactured, tested and UL-listed ensuring quality and NEC code compliance
- Sole source manufacturing responsibility, just one manufacturer to coordinate
- Our Envirosep ESG-C is cost effective - offering fixed costs and on-time delivery coordinated with site (factory controlled environment means no weather delays)
- Envirosep’s clean steam generators are simple to operate via the user-friendly, graphical operator interface.
- Each unit is custom-engineered to meet specific system or footprint requirements
- Factory operational and hydrostatic testing is performed prior to shipment, therefore minimal site testing is required
- Speeds up installation and start-up which provides significant savings to contractors, engineers and facility owners

**STANDARD DESIGN INCLUDES:**

- ASME U-stamp & National Board Registration
- Stainless steel pressure vessel with relief valve
- Insulation and jacketing
- Source heat automatic, modulating control valve
- Make-up water level controls
- NEMA 4 UL-Listed industrial control panel
- ASME structural steel continuously welded frame

**UNFIRED STEAM GENERATORS OPTIONS:**

- Conductivity controller with automatic blowdown
- PLC system controller
- Blowdown heat recovery and feedwater pre-heating
- ASME PP-stamp
- HART instrumentation
- NEMA 4X industrial control panel
The *envirosep* ESG-C unfired steam generators are available using 50 or 60 Hz, 3-phase power supply. Envirosep performs hydrostatic and system simulated operational testing on all our unfired steam generators to ensure our systems are ready to go on day one. We can engineer and manufacture systems with virtually any system requirement. You can have confidence in Envirosep quality solutions as we maintain the UL/cUL Listing and ASME U-stamp certifications as well as many others.

**WE MAKE CERTAIN YOUR PROJECTS ARE DONE RIGHT.**

*Envirosep* maintains licenses and certifications that keep us current with the latest industry standards and ensure first class quality. Our licenses and certifications include:

- Professional Engineer Licenses (PE)
- Certified Project Management Professional (PMP)
- AWS Certified Welding Inspector (CWI)
- Mechanical Contractors Licenses
- ASME Certificate of Authorization
- Underwriters Laboratories Listings
- National Board Certificate of Authorization
- TSSA Certificate of Authorization
- Leadership in Energy & Environmental Design (LEED)

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**UL Listed Packaged Pumping Systems**

**UL Listed Controls**

**European Conformity**

**Office of Statewide Health Planning and Development (CA)**

**OSHA Complaint Safety Program**

**NIST Certified Testing Equipment**

**State of New York OTCR (NY)**

**Unfired Pressure Vessels**

**Pressure Piping**

**Miniature Unfired Pressure Vessels**

**National Board**

**Repairs and/or Alterations**

**Process Piping & Power Piping**

**LEED AP expertise**