

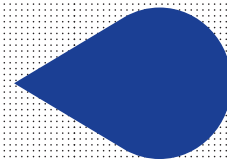
PURE STEAM GENERATION

WHERE TOMORROW GETS ITS WATER.™



The background image shows a large industrial facility with several tall, cylindrical stainless steel vessels, likely steam generators or heat exchangers, mounted on metal frames. A woman in a dark uniform is standing on the right, holding a clipboard and looking at the equipment. The entire image has a blue color cast and a subtle dot grid pattern.

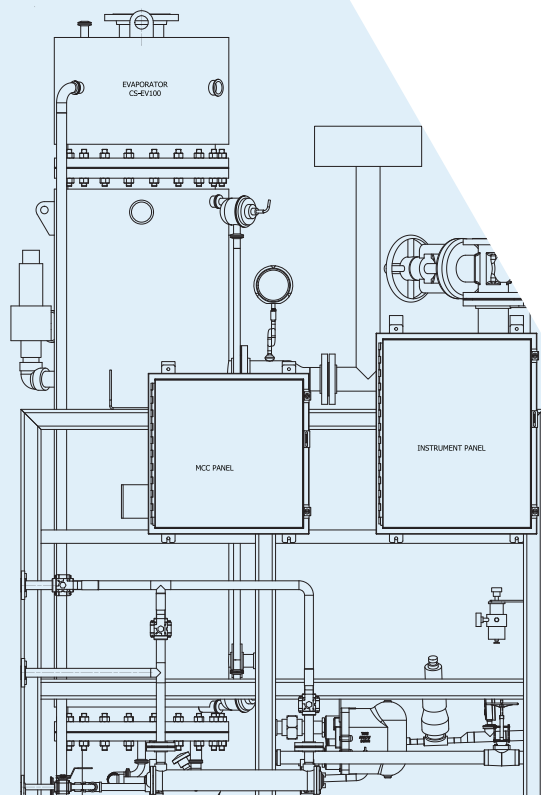
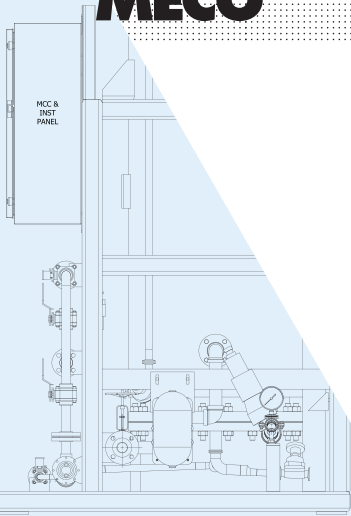
PURE STEAM
GENERATION AT
MAXIMUM UPTIME.

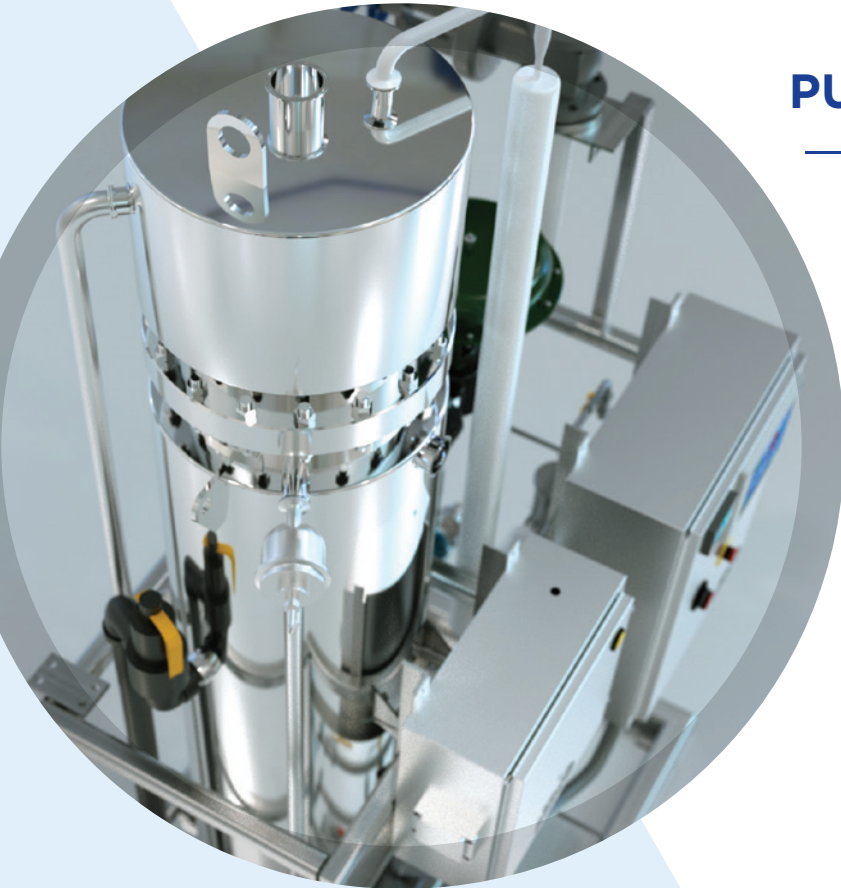
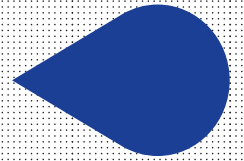


PURE STEAM CAPABILITIES

THE BROADEST SELECTION AVAILABLE. PURE AND SIMPLE.

MECO is the leading manufacturer of pure steam generators for sterilization grade steam with hundreds of installations worldwide. We have the broadest product line in the industry with sizes that range from 200 lb/hr (90 kg/hr) to 14,000 lb/hr (6,350 kg/hr) of pure steam. Vertical or horizontal designs are used depending on output requirements. MECO pure steam generators are designed in accordance with cGMP standards including sanitary construction features such as double tube sheet evaporators, sloped piping, low point drains, minimum dead legs and sanitary connections. Each generator is equipped with simple PID loop controls which are needed for stable operation. Our generators offer various options including a condensing and sampling system to ensure the product quality.





PURE STEAM FEATURES

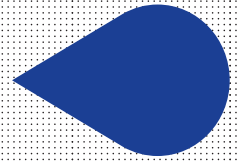
NATURAL CIRCULATION

The MECO design is based on natural circulation which provides uniform heat transfer and wetting, thus reducing the effects of scaling.

STATE-OF-THE-ART CONTROLS

Using PID loops with transmitters and control valves on the process utilities enables MECO pure steam generators to operate in a stable and uninterrupted manner regardless of external influences.





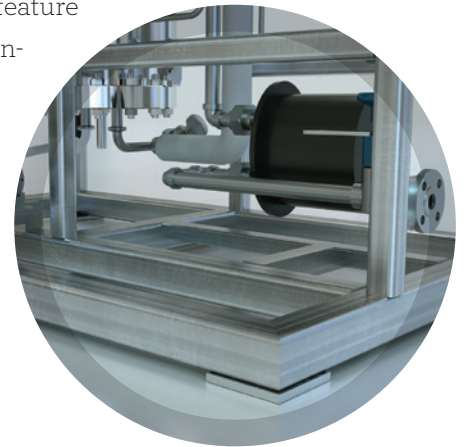
PURE STEAM FEATURES (Cont'd.)

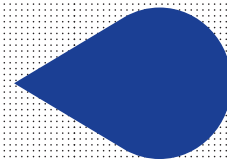
SUPERIOR SEPERATION

MECO pure steam generators utilize a vertical disengagement section, stainless steel baffles and a demister which provide superior separation and dryness at reduced flows over those which utilize centrifugal forces.

STAINLESS STEEL SKID

The skid for MECO pure steam generators is made out of stainless steel. This is another important feature in our design because stainless steel is non-corrosive and requires no maintenance.





OPERATION AND MAINTENANCE SERVICES

MECO offers different levels of service agreements tailored to meet customer needs. Our vertically integrated infrastructure and broad array of water and pure steam products enable unique service capabilities and life cycle product support to the industries we serve.

- Services include: Emergency Support, Preventative Maintenance and Full-time O&M
- Mechanical, chemical and electrical field service engineers are factory trained, OSHA 30 and NFPA 70E certified and trained to cGMP Good Documentation Practices
- Full-service capabilities in North America, Europe and Asia
- Remote monitoring and data analytics system integration available
- Responsive, reliable spare parts department
- Product and process education and training

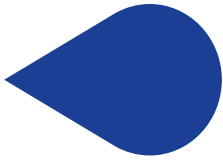
“The technologies used to produce pure water are not simple. They use sophisticated control systems to produce water to exacting standards from sources that are often variable. Our people are trained experts backed up by experts. We’ve seen a lot over the years, but we never stop learning.”

BILL ESSARY, SERVICE MANAGER



WHERE TOMORROW GETS ITS WATER.™



**ASIA-PACIFIC****SINGAPORE**

390 Havelock Road
#03-06 King's Centre
Singapore 169662 | +65.6836.7500

EUROPE**IRELAND**

Roselawn House, University Business Complex
National Technology Park
Co. Limerick, Ireland | +353.61.512.130

UNITED ARAB EMIRATES**ABU DHABI**

United Technical Services P.O. Box 277
Abu Dhabi, U.A.E. | +971.2.774.400

UNITED STATES**HOUSTON, TX**

12603 Southwest Freeway, Suite 500
Stafford, TX 77477 | 281.276.7600

MANDEVILLE, LA

68375 Compass Way East
Mandeville, LA 70471 | 985.249.5500



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www.MECO.com