

HTHW / HTTF GENERATOR

HIGH TEMP HOT WATER / HIGH TEMP THERMAL FLUID



SUSTAINABLE SOLUTIONS FOR THE LONG RUN

At Victory Energy, we believe that the future of all energy must be based upon carbon reduction. Our goal is to deliver cleaner energy solutions which truly impact the environment for today and future generations.

The GENESIS series hot water generators are designed to deliver lower carbon intensity through responsible innovation that benefits our world.

INDUSTRIAL-DUTY DESIGN

GENESIS® HTHW / HTTF Generators offer significant technological advances over competitive units in the market. The robust design features a complete membrane wall furnace that provides gas tight construction and maximum structural integrity while also minimizing any refractory. It eliminates older tangent tube wall technology which in the past required manually adjustable orifices to properly distribute flow. The unit has the ability to handle high differential temperatures and eliminates hot spots in the generator by controlling flow evenly through the tubes with a weld gas tight seal.



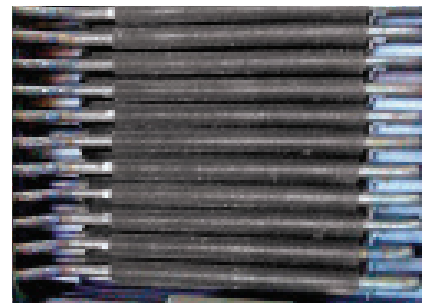
GENESIS units come equipped with Victory Energy VISION® Burners that are low NOx and extremely fuel efficient.

CAPACITIES / FEATURES

- Output range - 5 MMbtu/hr to 200 MMbtu/hr
- Membrane wall design
- Low NOx burner
- Over size entry doors allow easy access



Large VISION burner access door / view-port provides excellent flame core inspection.



Finned tube convection section custom engineered to improve heat transfer efficiency.

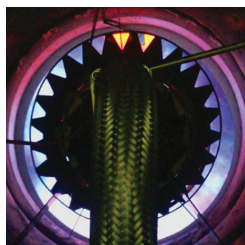
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Membrane wall design provides robust gas tight construction and allows for high differential temperatures.

Flexibility in burner options with wind-box arrangements available.



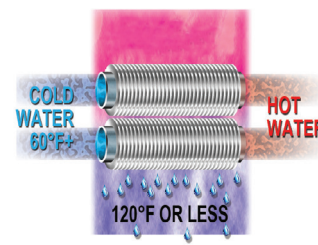
Engineered integration of extended surfaces on the tubes in the convection section improves heat transfer efficiency and allows for compact space.

Equal tube lengths provide for even flow distribution and thermal expansion resulting in no hot spots in the generator.

Horizontal or vertical-up gas outlet available. Easy to add condensing module to improve efficiencies if a heat sink is available.



Easy access for inspection and maintenance.



Optional condensing module.

AFTERMARKET SERVICES



Victory Energy offers a complete suite of support services that are designed to fully protect your operation. Our technical expertise ensures that your investment keeps working throughout the plant's lifecycle.

- Dedicated Field Services, Studies and Flow Modeling
- Engineering, Inspections, Lab Services and Training
- Retrofits / Replacement - OEM Spare Parts

