



Generator

HTHW Generator

Simoneau High temperature Hot Water Generator

The Simoneau HTHW generator is a header to header type design with gas-tight, welded steel inter casing, water cooled rear wall, staggered bent tube convection section, ceramic wool front wall and optional integrated finned tube economizer. Simoneau's generator is specially design for hot water medium temperature/high temperature/high pressure.

Typical applications include central heating plants, airports, hospitals, universities, processing facilities and many others. The Simoneau HTHW generator is specifically designed to generate high/medium temperature hot water.

The Simoneau design provides the next generation, "Best of Class" heat tranfer technology. Our HTHW design is a significant improvement over the competition's 50 year old technology.

Simoneau's HTHW Generator Design Features:

- Capacities: up to 75 MMBTU / HR.
- Design pressures: up to 500 psig.
- Temperature up to 400 °F.
- Our genarator can handle very high temperature differential.
- Two pass flue gas contact with staggered tube arrangement for maximum heat transfer.
- Balanced heat transfer prevents thermal shock.
- Operates with natural gas, #2 oil and alternative gases.
- Meets or exceeds NOx Emission Standards while providing high turndown ratio.
- Optional integrated economizer available on most capacities and applications.

Benefits of Simoneau's HTHW Generator Design:

- High efficiency provides significant fuel savings.
- Provides quick ramp up time.
- Operating and maintenance costs are the lowest on the market.
- Ease of installation and more economical to install.
- Wide range of capacities and excellent long-term reliability to meet institutional, industrial and commercial applications.
- Generator system components (burner, controls and emissions options) designed specifically to provide ease of operation.
- Boiler system components (burner, controls, economizer, and emissions options) designed specifically to provide ease of operation.
- Le Groupe Simoneau provides a customized packaged unit per your needs. We can provide the complete package of controls, instrumentation and burner. At your option, we can supply any degree of packaging you may require.

**Why Simoneau:**

As a Solution Builder in Energy Management, Simoneau utilizes its technical expertise (most qualified engineering team in the industry) and quality manufacturing to provide custom solutions for your specific boiler applications. Reliability, efficiency and the safety of its boiler systems are key results of the Simoneau designs. Our integration of technical expertise, quality manufacturing, on-time delivery and field support makes Simoneau your partner of choice.

To learn more about Simoneau and its products, please contact:



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