



Watertube

AQT

Watertube Steam Boiler

The AQT watertube is an O-type construction 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 AQT watertube applications include high & low pressure steam.

Typical industries include manufacturing & processing facilities, pulp & paper, petrochemical, pharmaceuticals, hospitals, universities and ethanol plants.

Simoneau's AQT Design Features:

- Capacities: 100 BHP to 2,000 BHP (70,000 PPH).
- Design pressures: 15 psig to 650 psig.
- Optional radiant/connective super heater.
- Radiant & convective type superheaters with temperatures up to 750 °F.
- Three pass flue gas contact with staggered tube arrangement for maximum heat transfer.
- Balanced heat transfer prevents thermal shock.
- Superior steam quality (1 ppm) using proprietary separation technology with a large steam drum.
- Operates with natural gas, #2 oil and alternative gases.
- Meets or exceeds NOx Emission Standards while providing high turndown ratio.
- Natural boiler water circulation eliminating the need for a circulating pump.
- Integrated economizer provides efficiency to 85% firing natural gas.

AQT - Watertube Steam Boiler

Benefits of Simoneau's AQT Steam Boiler Design:

- High efficiency provides significant fuel savings.
- Minimizes installation and maintenance costs.
- Reliable source of high quality, dry, saturated steam up to 1 ppm.
- Extensive capacity range and excellent long-term reliability to meet commercial, industrial and institutional applications.
- Provides quick load response.
- Low operating and reduced maintenance costs.
- 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. If you prefer, 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:



LE GROUPE SIMONEAU INC.
1541 De Coulomb Street
Boucherville (Québec) J4B 8C5
P. 450 641.9140 • 1 800 748.3783 • F. 450 641.9141
info@groupesimoneau.com

Represented by: