



ENGINEERING A SUSTAINABLE FUTURE

Achieve your sustainability goals by specifying
Fulton's premier steam and hydronic boilers.



SUSTAINABILITY THROUGH INNOVATION

SETTING A NEW STANDARD

Best-in-class efficiencies and the longest boiler life expectancy in the world provides owners the most sustainable choice.

Revolutionary Steam Boilers

Reduce CO₂ emissions by 20% compared to conventional steam boilers without requiring a separate economizer.

Premier Condensing Boilers

Ultra-high efficiencies surpass DOE standards by as much as 14%, while support for variable primary flow further reduces carbon emissions.

Above and Beyond

Every effort is made to significantly reduce energy waste including standard air dampers, lower jacket losses and water backed designs.



REDUCING EMISSIONS

Fulton's bold philosophy of innovative heat transfer solutions has resulted in numerous industry firsts, reducing our carbon footprint.

High Turndown

Groundbreaking technologies featuring up to 30:1 turndown reduce boiler cycling, cut carbon emissions and increase equipment lifespan.

Ultra-Low NOx

For decades, Fulton has been a leader in low NOx product development, reducing emissions by 90% compared to conventional burners.



Biofuel
READY

Up to B100



Hydrogen
READY

Up to 20% Blend

Renewable Fuels

Fulton provides solutions today to transition to tomorrow's renewable fuels, including biogas, biodiesel, and hydrogen blends.

ZERO EMISSIONS STEAM & HOT WATER



COMPACT & QUIET

Fulton's steam and hot water electric boilers are nearly 100% efficient and feature zero combustion emissions with our signature rugged design.

- ▶ **Simplicity of Installation**
- ▶ **Zero Scope 1 Emissions**
- ▶ **Near-Infinite Turndown**
- ▶ **99% Operating Efficiency**
- ▶ **Virtually Any Application**

HYBRID STEAM BOILERS

Fulton's hybrid boilers are ideal for facilities seeking the ultimate operational flexibility to run a steam plant on low-emissions natural gas or zero-emissions electrical power. Operate exclusively or partially on either fuel or electricity while awaiting future infrastructure.

- ▶ **Low-to-Zero Emissions**
- ▶ **Automated Fuel Switchover**
- ▶ **Gas Efficiency up to 86%**
- ▶ **Electric Efficiency Near 100%**
- ▶ **Future-Proof for Planned Infrastructure**



COMMITTED TO REDUCING EMBODIED CARBON

LOW CARBON MANUFACTURER

Fulton's New York manufacturing headquarters is proudly powered by a low-carbon energy portfolio with 73.9% composed of hydro, nuclear, solar, wind, and biomass. This produces carbon emissions 71% lower than the national average.

Built In-House by Fulton

Vertically integrated pressure vessel construction virtually eliminates transportation emissions associated with outsourcing.

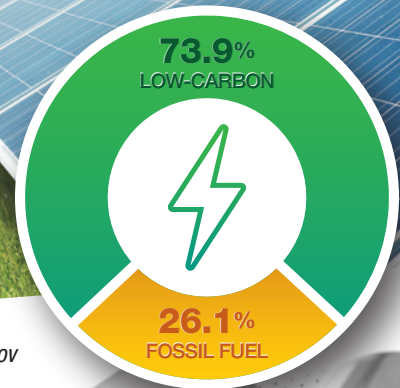
High-Quality Components

Fulton carefully selects vendors who share our philosophy of quality, longevity and a commitment to forward-thinking.

Recycled Materials

Steel boiler pressure vessels with up to 60% recycled material which will be renewed again into future products.

Powering Fulton's Manufacturing



Source: www.epa.gov

TRUSTED DURABILITY

Hundreds of thousands of installations around the world rely on Fulton's legendary durability. Engineered for unsurpassed durability in high demand applications, Fulton boilers are built to last and deliver leading-edge carbon reduction.

Industry-Best Product Lifecycle

Well-maintained Fulton boilers will run for decades, while competing equipment must be refurbished or replaced multiple times over that span.

Heavy-Duty Construction

Proven tubeless steam boiler designs feature a 350% greater thickness than tubed designs, eliminating carbon-intensive re-tubing.

Built With Better Materials

Fulton's condensing boiler heat exchangers feature superior corrosion resistance, lower operating stress, and up to 160% higher strength.



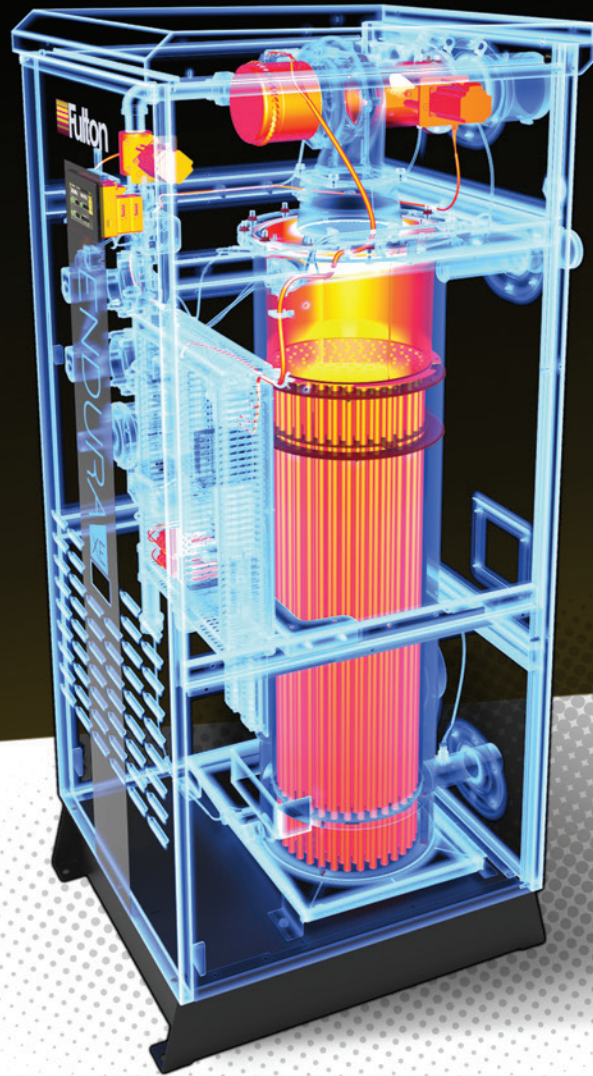
CARBON REDUCING CONTROL SYSTEMS

STATE-OF-THE-ART CONTROLS

Designed for highly optimized load matching, Fulton's integrated and standalone controls reduce boiler cycling for longer life while significantly reducing Scope 1 emissions.

Lower Carbon Combustion

Fulton employs the latest technologies to reduce energy use, including parallel positioning, and energy-sipping variable speed pumps and blowers. O₂ compensation auto-optimizes low emissions for seasonality.



HYBRID PLANT SEQUENCING

Available as factory packaged skid systems or with the VSRT-E hybrid boiler.



Demand Response Events

Fuel curtailment and critical applications that cannot afford downtime may remotely switch between gas and electric operation.

Automated Fuel Switchover

Time-of-day switchover autonomously takes advantage of off-peak electrical rates, simultaneously reducing emissions and lowering energy costs. Seamlessly switch fuels with the touchscreen control or remotely via the Building Automation System.



Steam Boilers

4 – 920 BHP

- ▶ Up to 86% Efficiency
- ▶ Ultra-Low Emissions
- ▶ Hybrid Gas/Electric Options
- ▶ Up to 50% Smaller Footprint
- ▶ Up to 10:1 Turndown

Fulton.com/steam

Hydronic Boilers

399k – 12 Million BTU/Hr

- ▶ Up to 99% Efficiency
- ▶ Ultra-Low Emissions
- ▶ Flame-by-Wire™ Combustion
- ▶ Real-Time O₂ Compensation
- ▶ Up to 30:1 Turndown

Fulton.com/hydronic

Electric Boilers

1.2 – 1,000 kW

- ▶ Nearly 100% Efficient
- ▶ Zero Scope 1 Emissions
- ▶ Eliminates Stack/Purge Losses
- ▶ Compact & Quiet Design
- ▶ Near Infinite Turndown

Fulton.com/electric



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