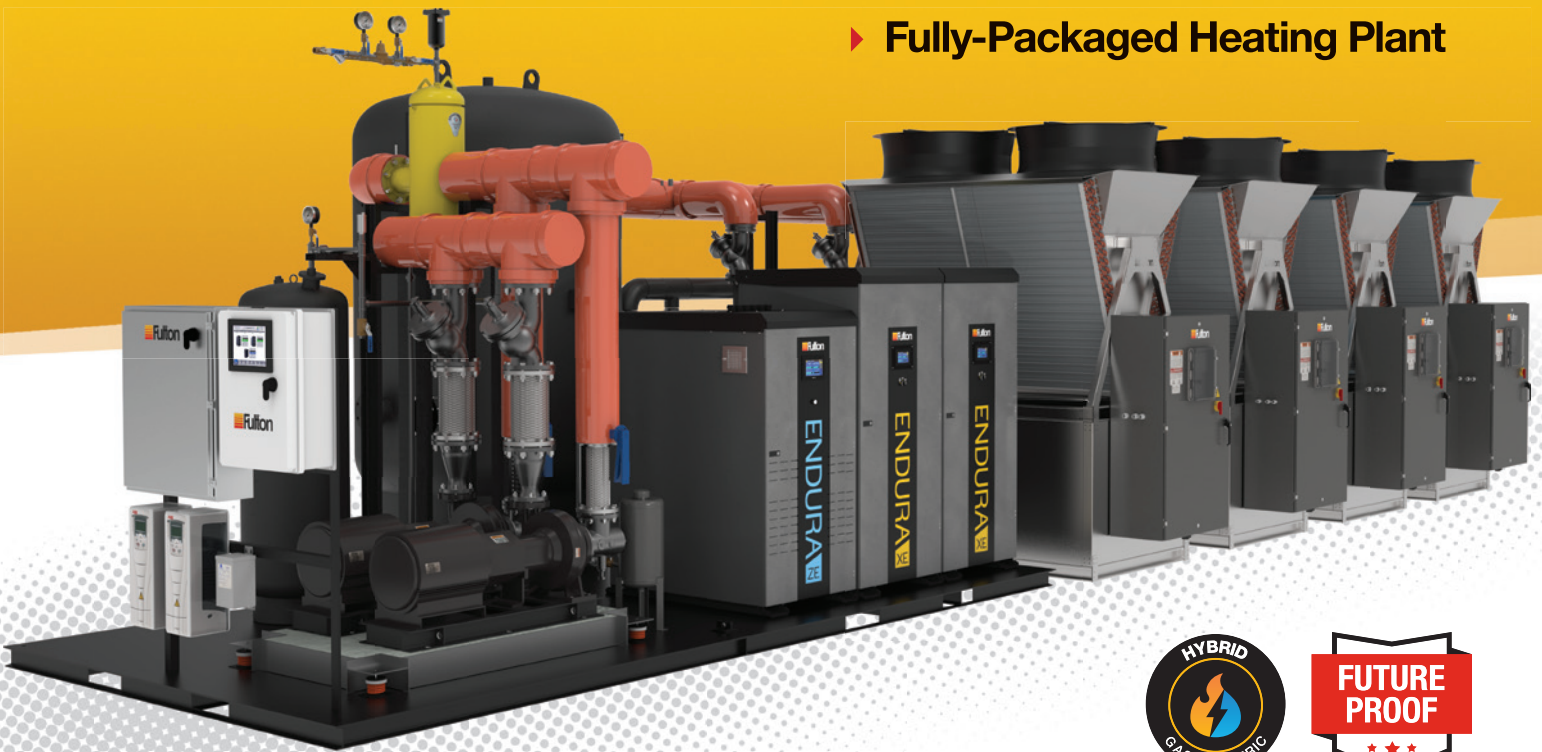




PACKAGED HYBRID HEATING SYSTEMS

Choose a fully integrated gas and electric hydronic system for simplified controls, higher water temperatures and reduced energy use.

- ▶ Simplified Sustainability
- ▶ Single-Source Provider
- ▶ Fully-Packaged Heating Plant



SUSTAINABILITY THROUGH INNOVATION

Fulton's packaged systems will help your facility simultaneously achieve lower up-front costs, exceptional coefficient of performance (COP), and higher setpoint temperatures.

Hybrid systems provide the flexibility to meet and exceed application and infrastructure requirements with increased uptime and reliability.

- ▶ **Zero Carbon Emissions Capable**
- ▶ **Satisfies Setpoints up to 180°F (82°C)**
- ▶ **Reliable Cold Climate Operation**
- ▶ **No High Ambient Lockout Limitations**
- ▶ **Stabilizes Setpoint Temperatures**
- ▶ **Simplified Maintenance**
- ▶ **Reduces Heating Plant Footprint**

BUFFER TANK

Additional water volume acts as a thermal flywheel to stabilize heat pump operation, even during defrost.

SINGLE POINT PIPING

Return, supply, make-up and drain piping is completed at the factory, saving time and installation costs.

SINGLE POINT POWER

Pre-wired at the factory to simplify field installation.

PLANT CONTROLLER

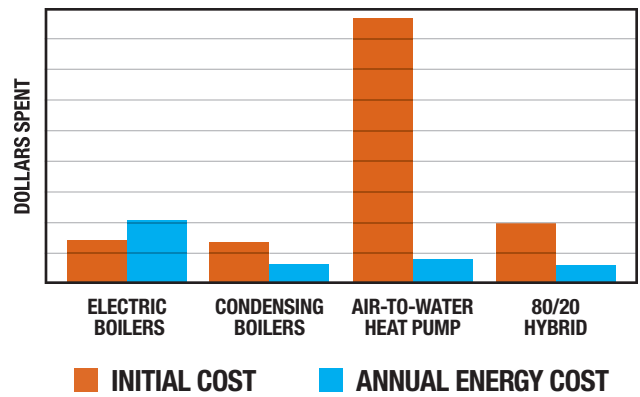
Optimized to sequence modular heating plants to reduce energy use and extend equipment life.

ELECTRIC BOILER

Reliable, cost effective, and compact boiler solution with high turndown; satisfies setpoints up to 180°F.

CONDENSING BOILERS

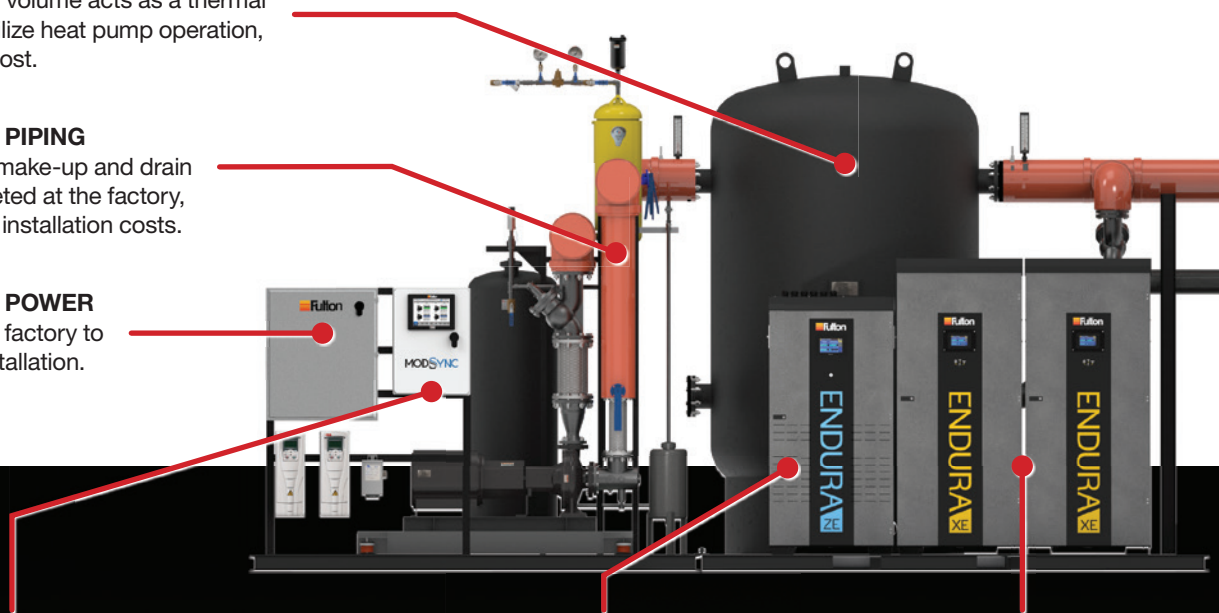
Substantially reduces footprint, up-front investment and annual operating costs.



ENGINEERED SOLUTIONS

Fulton can design and build a custom system to meet your specific needs. Be part of the process, from concept to delivery, ensuring timely and accurate completion of your engineered system.

- ▶ **Custom Tailored for your Application**
- ▶ **Single-Source Turnkey Systems**
- ▶ **Indoor/Outdoor Options Available**
- ▶ **Wide Range of Ancillary Equipment**
- ▶ **New Construction or Retrofits**





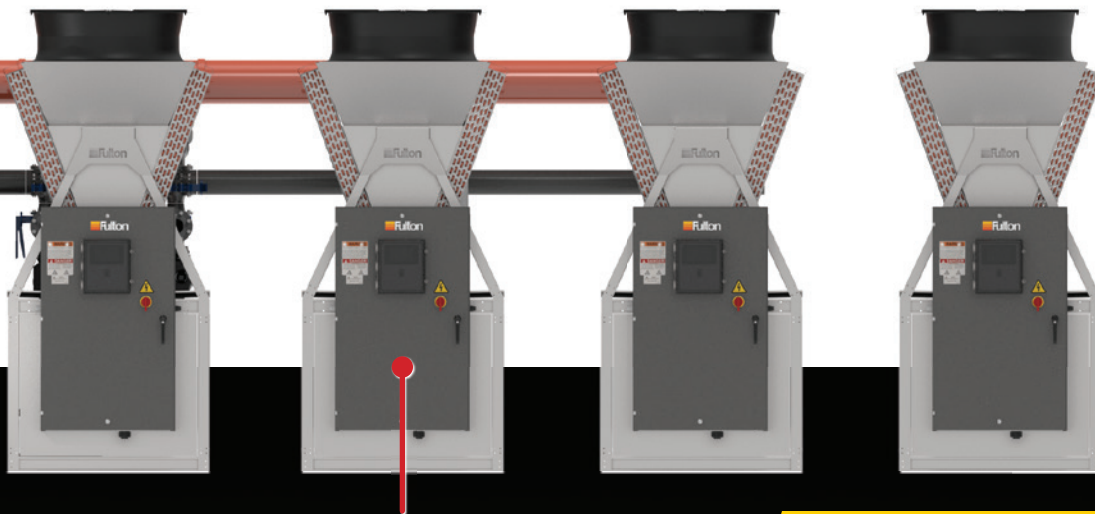
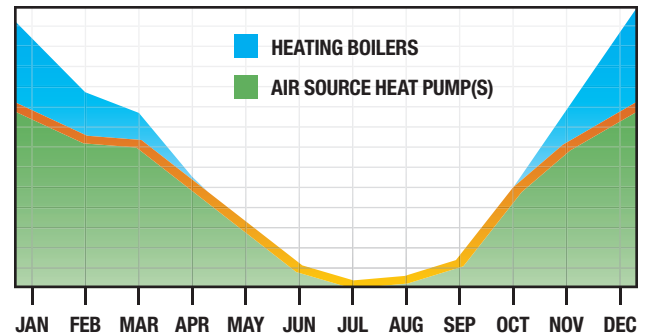
SIMPLIFIED HYBRID PLANT CONTROLS

Fulton's highly-optimized ModSync® LX Sequencing System maximizes the efficiency of modular heating plants to achieve exceptional energy savings while satisfying facility needs.

- ▶ Reduced Cycling for Longer Life
- ▶ Modular Plant Staging & Rotation
- ▶ Energy Metering Options Available
- ▶ Remote Monitoring & Mobile Alerts
- ▶ Highly Flexible Building Integration
- ▶ System Pump Control
- ▶ Automated Plant Redundancy

HEATING PLANT OPTIMIZATION

The majority of annual heating hours are part-load demands. ModSync intelligently leverages air source heat pumps during the shoulder season and utilizes dependable condensing or electric boilers for peak design-day demands.



AIR SOURCE HEAT PUMPS
Carries the base load and operates at high COP during the shoulder seasons.

HYDRONIC SYSTEMS
Safe and efficient, hydronic systems are technology neutral and support a wide variety of present-day and future heating solutions.





ELECTRIC BENEFITS

Fulton’s electric boilers are virtually 100% efficient and feature our signature rugged design. ENDURA ZE™ is a clean-running, zero-emissions boiler for water temperatures of 185°F or higher.

- ▶ Quiet Operation & Low Maintenance
- ▶ Rugged, Long-Lasting Design
- ▶ Low Water-Side Pressure Drop
- ▶ Near-Infinite Turndown with SCR
- ▶ Fast Precision Load Matching

fulton.com/electric

HEAVY-HITTER FOR ENERGY SAVINGS

ENDURA XE® condensing hydronic boilers are built to last, combining cutting-edge decarbonization technology with Fulton’s rugged construction and renowned reliability.

- ▶ Reliable, Durable & Efficient
- ▶ Eco-Friendly Low NOx Burner
- ▶ Flame-by-Wire™ Electronic Combustion
- ▶ Real-Time O₂ Compensation
- ▶ High Turndown up to 15:1

fulton.com/enduraxe



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fulton.com/engineered
Drawings & documentation available online

HYBRID-HEATING_BROCHURE_251210

