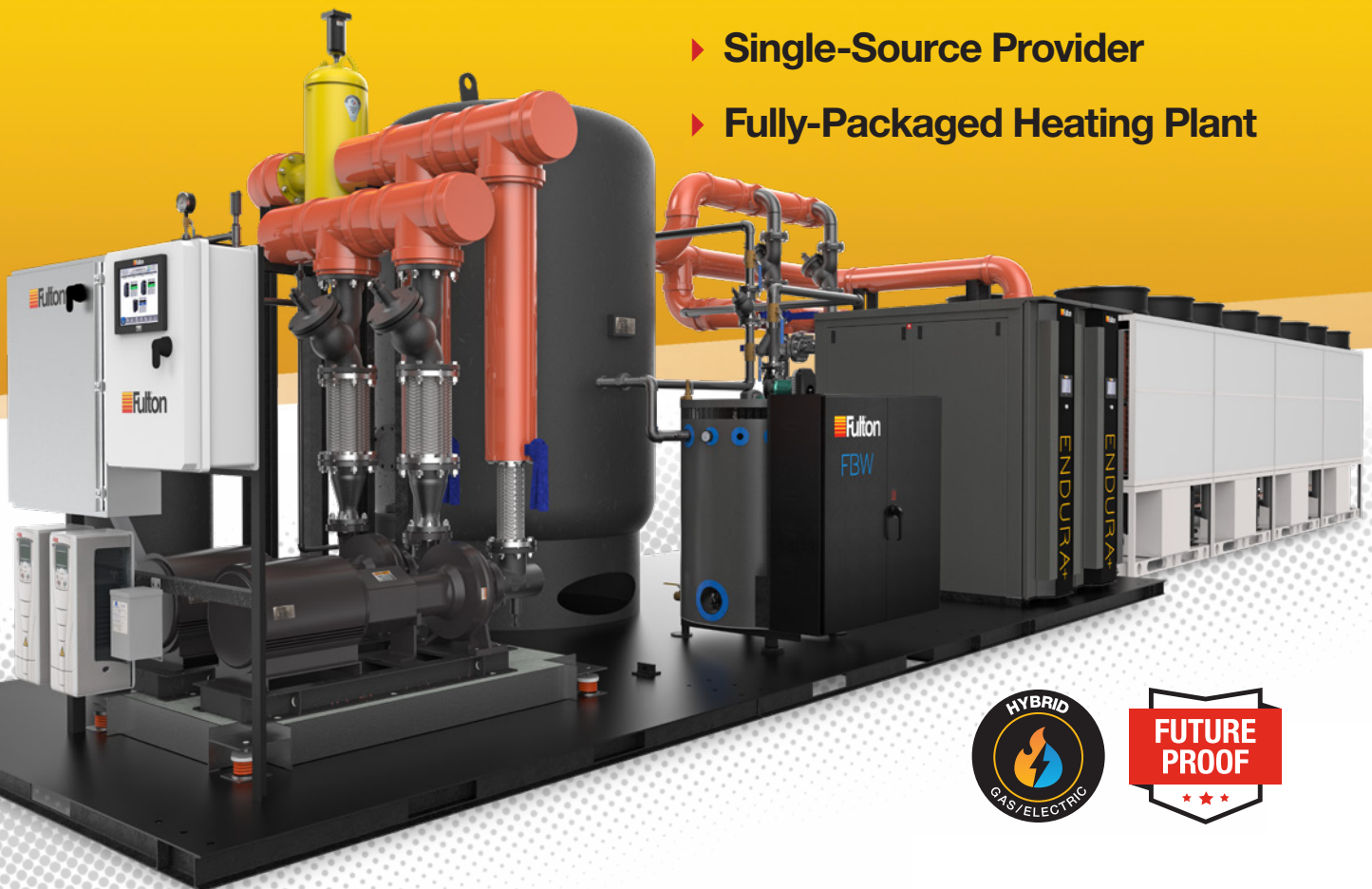




PACKAGED HYBRID HEATING SYSTEMS

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.

PLANT CONTROLLER

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

SINGLE POINT POWER

Pre-wired at the factory to simplify field installation.

SINGLE POINT PIPING

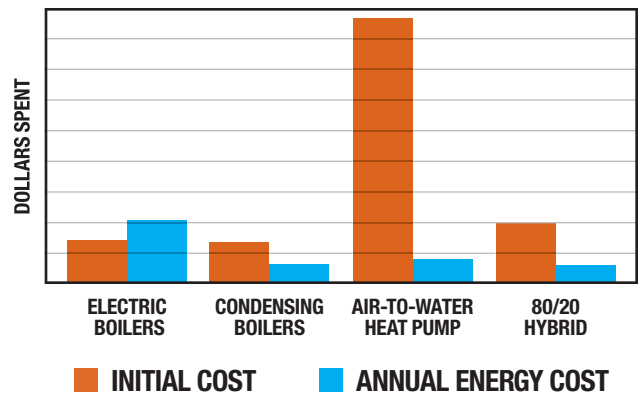
Return, supply, make-up and drain piping is completed at the factory, saving time and installation costs.

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**





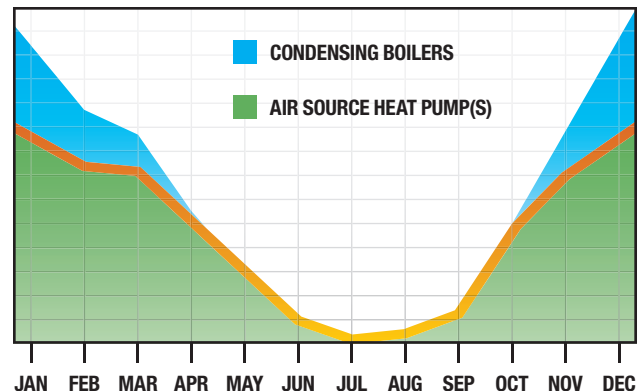
SIMPLIFIED HYBRID PLANT CONTROLS

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. The FB-W is a dependable, zero-emissions boiler for water temperatures up to 180°F.

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

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UNCOMPROMISING PERFORMANCE

ENDURA+® condensing boilers provide quiet and reliable operation in a compact firetube design with efficiencies up to 99%. Our design is highly-engineered and built to last with thicker, stronger materials, and a premium fit and finish reflecting Fulton's premier quality.

- ▶ **High Turndown Burner; Up to 30:1**
- ▶ **Durable Stainless Steel Heat Exchanger**
- ▶ **Flame-by-Wire™ Combustion**
- ▶ **Real-Time O₂ Compensation™**
- ▶ **Designed for Variable Primary Flow**

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fulton.com/engineered
Drawings & documentation available online

HYBRID-HEATING_BROCHURE_241207

