Fulton®

# 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


FUTURE PROOF

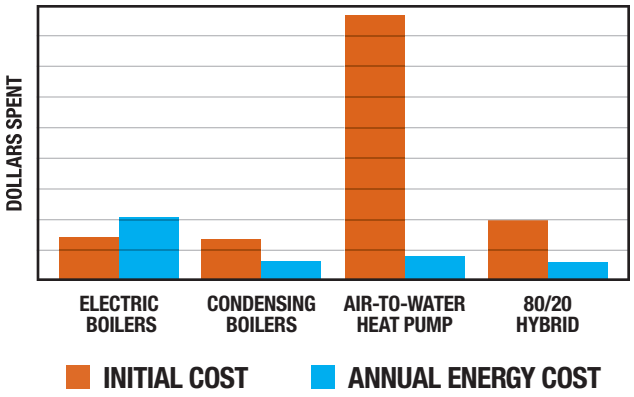
Hybrid
GAS/ELECTRIC

# 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**




# 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**

**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.

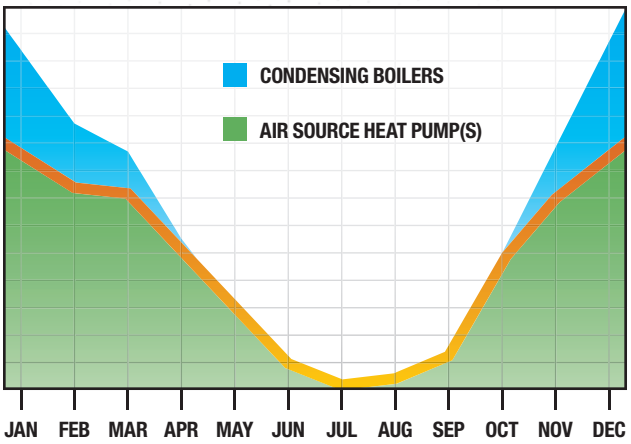
# SIMPLIFIED HYBRID PLANT CONTROLS

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 $O_2$ Compensation™**
- **Designed for Variable Primary Flow**

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H2
Hydrogen
READY
*Up to 20% Blend*

Fulton®

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