Fulton®

ZERO-EMISSIONS HYBRID HEATING SYSTEMS

Choose a fully integrated Fulton hydronic package for simplified controls, higher water temperatures and reduced energy use.

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

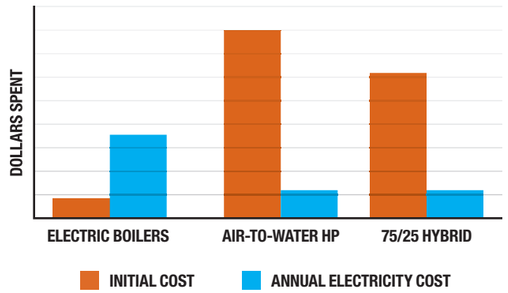
FUTURE PROOF

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 On-Site Carbon Emissions**
- **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**

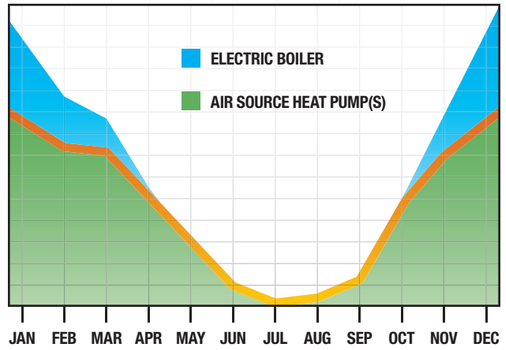
SIMPLIFIED HYBRID PLANT CONTROLS

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**

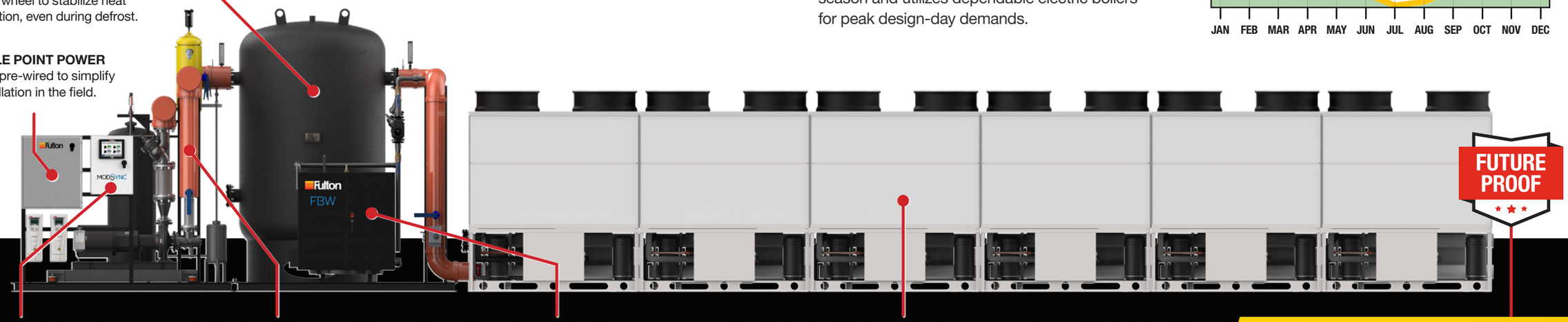
HEATING PLANT OPTIMIZATION

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



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

SINGLE POINT POWER
Factory pre-wired to simplify installation in the field.



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

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.

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 clean-running, 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**

fulton.com/electric

LOW CARBON MANUFACTURER

Fulton's New York headquarters is proudly powered by a low-carbon energy portfolio with 74% composed of hydro, nuclear, solar, wind, and biomass, resulting in 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.

fulton.com/sustainability

Fulton®

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