ThermStar™ Power Intelligence

Operate. Measure. Verify.

ThermStar™ Power Intelligence (TPI) is the controls, monitoring, and measurement platform that operates and verifies the performance of the ThermStar System™. Built on proven building energy management technology from Engenuity Systems, TPI is specifically configured for waste heat recovery applications in demanding commercial and industrial environments.

A Measurable Energy Asset

☑ Track Energy Recovered in Therms or kWh

Visualize the thermal energy your system captures and reuses. Quantified in real-time to show true impact and savings.

☑ AI-Powered Diagnostics

Our system monitors pressure, flow and temperatures to detect inefficiencies. Therefore, cutting downtime and service costs dramatically.

☑ Compare Savings Over Time

Use historical and live data to benchmark energy recovery, validate ROI, and improve operational decision making across your facility.

Turnkey System. Smarter Control

☑ Access Anywhere, Anytime

View cost savings, key performance metrics, temperatures, flow rates, uptime, and more from any browser or mobile device.

☑ Manage Multiple Sites with Ease

One login with all your locations, role-based access and site grouping help you stay in control across your entire portfolio.

☑ Optimize Facility or Process Heating.

Understand how reclaimed heat offsets energy use in HVAC systems, hot water applications, or industrial processes to maximize every Therm.

Polluted. Particulate-Laden. High Humidity. No Problem

Engineered for Harsh Airstreams

Specifically designed for environments like industrial laundries, food & beverage plants, manufacturing facilities and restaurant kitchens. When particulates populate the exhaust, we have your system solutions with our Particulate Repellent Geometry (PRG) design!

Smart Alerts Backed by AI

Get proactive, prescriptive and on time alerts via text or email.
Address issues before they impact efficiencies and uptime.

Easy to Use. Fast to Deploy

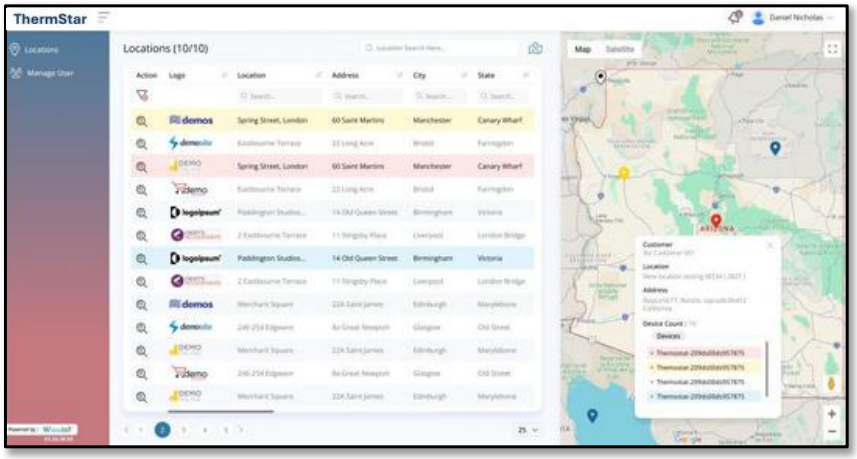
Designed with operators and maintenance teams in mind.
Most users are trained and comfortable with brief training.

www.thermstar.com 1-833-667-7359 info@thermstar.com

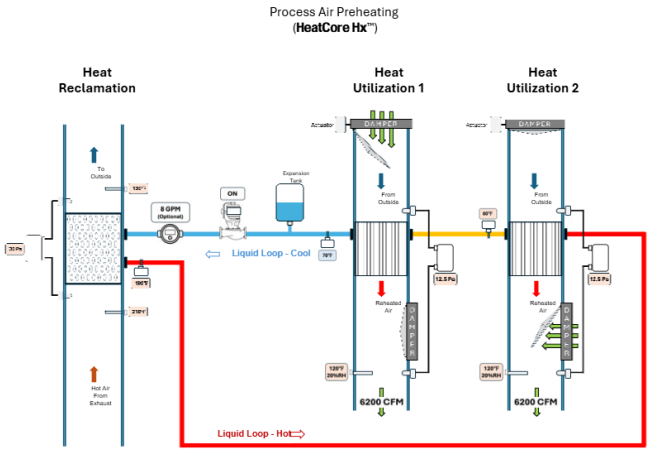
ThermStar™ Power Intelligence

Manage Multiple Sites

- Access any or all locations in one easy toutilize view.
- Remotely monitor and control systemswith ease.
- Secure cloud-based application providingreal-time and historical data.
- Gain multi-location and enterprise controlthrough a single login.
- Each user has individual permissions, allowing you to tailor user access.
- Integrated map, dashboard and tableviews.



Detailed View at Every Location



- Cloud-based energy management increases your profits!
- Scalable to any number of locations, monitoring, metering and more.
- Accessible 24/7 using a browser or mobile app
- Equipment diagnostics feature to help reduce overall repair and maintenance costs.

Why ThermStar™ Power Intelligence

- The combination of installing the **ThermStar System™** mechanical components with the usage of the SaaS Power Intelligence software has reduced energy consumption by up to **63%**
- Access real-time and historical data for ROI and incentive measurement & verification.
- Avoid unplanned maintenance with AI-driven system health monitoring.
- Reduce onsite visits with remote diagnostics.
- Make informed decisions to save energy

ThermStar™ Power Intelligence is the only AI-powered monitoring solution built to thrive in particulate-laden, and high-humidity exhaust environments.

ThermStar System™. Reclaim Waste Heat. Energy Savings Delivered.

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