

HONEYWELL THERMAL SOLUTIONS

Advanced Gas Distribution Solutions



Honeywell Thermal Solutions' Gas Distribution System & Equipment:

Precise and accurate data is crucial for effective gas distribution management. Honeywell Thermal Solutions delivers a comprehensive connected platform which allows access to valuable, decision-making information for a more efficient way to monitor current conditions. Equipment is robust and can withstand the rough industrial environment found in gas applications. Honeywell Thermal Solutions' portfolio of advanced gas distribution products and services are the next generation of connected solutions.

Eclipse HB Series Gas Booster

Today high efficiency, gas fired commercial and industrial HVAC, industrial process and power generation equipment often require gas pressure which is higher than local utility companies can provide. Honeywell Thermal Solutions' Eclipse series HB gas boosters are Hermetically sealed and delivers gas at any variable volume.

- Utilizes a premium efficiency, explosion proof motor and aluminum spark resistant rotor
- The hermetic design eliminates the maintenance and wear problems associated with shaft seals.
- Motor and rotor can be easily removed and serviced without disturbing field piping
- UL listed for use on natural and manufactured gas up to 100,000 CFH with pressures to 35" w.c.
- An optional epoxy coating on all internal surfaces is available for digester and other corrosive gas applications

Eclipse Boostpak

The Honeywell Thermal Solutions' Eclipse BoostPak provides a reliable, cost effective, fully integrated packaged solution for all gas boosting applications. All components have been carefully selected to be code compliant and meet the rigorous requirements of continuously operating industrial equipment. The following features set the Eclipse Boostpak apart from other gas booster systems:

- Simplified integrated control operating system
- Completely engineered, factory assembled, wired, and tested systems ready for field power and gas connections
- Configured options available for a variety of industrial environments
- Flexible custom modular configurations available in single or multiple booster systems



Eclipse HB Series Gas Booster



Eclipse Boostpak

Control Systems / Outdoor Enclosures & Equipment Covers

Honeywell Thermal Solutions' Eclipse gas booster and safety monitoring control panels are fully engineered and designed to optimize gas booster performance and provide gas safety supervision. Our safety monitoring control panels offer the following benefits:

- Custom designed and fabricated providing enhanced safety and security
- Battery backup UPS systems available for black start standby power generation applications
- Standardized solutions for both hazardous and non-hazardous locations
- Remote communications capabilities for interface to building automation and fire life safety systems
- UL508 certified turnkey control



Control Systems

Fuel Train

From everything downstream of the Boostpak system, we provide a variety of options for efficient gas management; including safety shut off valves, gas pressure regulators and other components connected to the fuel train.

- MAXON Safety Shut Off Valves - Designed for durability and performance MAXON valves are heavy duty and rugged, able to stand up to any industrial environment.
- Pressure, Flow and Temperature Measurement – Sets the standard for performance and reliability; providing safety, security and efficiency.
- Gas Pressure Regulators - Decades of proven technology and superior performance, providing safe, and accurate pressure reduction.



Fuel Train Components

Hazardous Leak Detection

Gas detectors serve as your first line of defense against gas threats. Whether it is toxic or combustible gases that are part of an industrial process or a by-product of it, they pose a threat to people, property and productivity. Honeywell Analytics offers simple solutions in the prevention against gas threats.

- Rugged, reliable, fixed-point gas detectors
- Incorporates the full spectrum of Honeywell gas sensing technologies (electrochemical, catalytic bead, open-path and point Infrared)
- 1-stop solution for choosing a compatible gas detection system or integrated fire/gas system.
- Monitors gas hazards in large areas or several discrete locations from a convenient central site



Touchpoint Plus Controller

Flexible Service and Support

Honeywell Thermal Solutions' local service personnel are renowned for their professionalism and breadth of knowledge. Our experts ensure that your applications run in a safe, reliable and efficient manner, while keeping maintenance expenses and fuel costs at predictable and manageable levels

Honeywell's Comprehensive Industrial Service Programs can be tailored to the needs of any digester or biogas industry facility:

- New equipment start-up and commissioning
- Troubleshooting and repair
- Preventative maintenance
- Service schools and training curriculum
- Energy efficiency improvements
- Emissions reduction and compliance

Connected Solutions

Honeywell Thermal Solutions' has developed innovative connected solutions to address the increasing "digital intelligence" need to manage and operate all assets from a single site or across an enterprise to address critical operating demands.

- Thermal IQ - Securely connects your combustion equipment to the cloud, making critical thermal process data available anytime, anywhere, on any smart device turning data into actionable insights.
- SLATE Integrated Burner Control - Combines configurable safety with programmable logic all in one platform, connectable to the cloud.
- 7800 SERIES Burner Control - Industry standard flame safeguard

For more information

The Honeywell Thermal Solutions family of products includes Honeywell Combustion Controls, Honeywell Combustion Safety, Honeywell Combustion Service, Eclipse, Exothermics, Hauck, Kromschroder and Maxon.

To learn more about our products, visit www.honeywellprocess.com/hts or contact your Honeywell Sales Engineer.

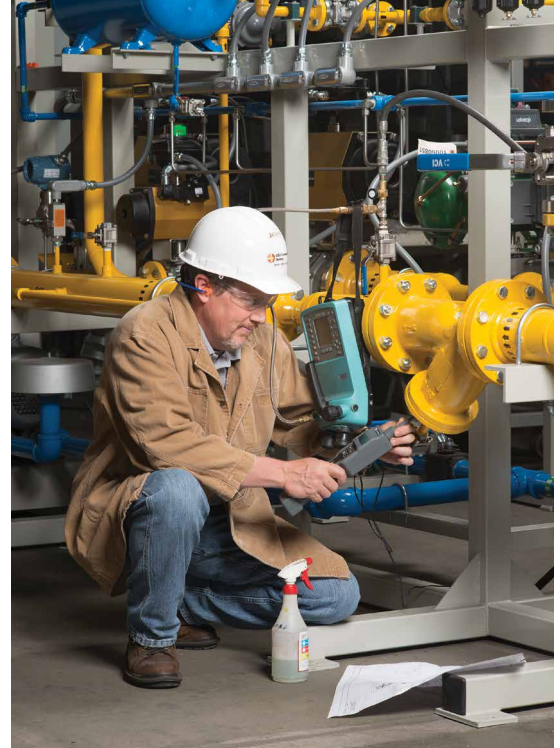
Honeywell Process Solutions

Honeywell Thermal Solutions (HTS)
1250 West Sam Houston Parkway South
Houston, TX 77042

Strotheweg 1,
49504 Lotte, Germany

Building #1, 555 Huanke Road, Zhangjiang Hi-Tech
Industrial PARK, Pudong New Area, Shanghai 201203

www.honeywellprocess.com/hts



Honeywell Combustion Service

