

Honeywell Thermal Solutions



Honeywell has an extensive history in combustion processes and controls, including solutions for industrial combustion industries.

Ten years ago, Honeywell expanded its presence in industrial combustion with the acquisition of Maxon and Iris Systems. Then, two years ago, the company acquired Elster. With these acquisitions, Honeywell Thermal Solutions united the combustion industry's leading brands to provide the most extensive range of thermal solutions globally: Honeywell Combustion Controls, Honeywell Combustion Safety, Honeywell Combustion Service, Eclipse, Exothermics, Hauck, Kromschroder and Maxon.

With more than 100 years of industry-leading experience, Honeywell Thermal Solutions today provides a combination of expertise and solutions for:


- Burners – low temperature and high temperature for industrial processes
- Burner management systems (BMS) – single and multi-burner controllers; UV, infrared, visible and combination flame detectors; fuel air ratio and O₂ trim systems; and application-specific programmable BMS controllers
- Fuel delivery systems – pressure regulation, shut-off valves, control valves and fuel air ratio systems for heavy industrial process applications
- Engineered-to-order solutions – delivering the most compliant turnkey systems to code and standards with the greatest depth of technical know-how
- Connected solutions – Honeywell Thermal IQ is a remote monitoring solution developed by thermal-process experts that securely connects your combustion equipment to the cloud, making

critical thermal-process data available anytime, anywhere, on any smart device.

Very few alternative providers can meet the breadth, depth and expertise offered by Honeywell Thermal Solutions. Whether it is high-temperature and low-temperature industrial burners or burner management systems for industrial process applications, the Houston, Texas-based company has a portfolio that covers every need. This portfolio of thermal transfer solutions covers everything from commercial to heavy industrial sectors and includes:

- End-to-end customer experience (from opportunity, to delivery, to start-up, to operation, to post-shipment)
- Turnkey solutions for new and existing applications
- Executing projects from start to finish, with multiple solutions from simple to complex

In a highly competitive global marketplace, industrial organizations increasingly seek digital intelligence to manage and operate hundreds or thousands of assets from a single site or across an enterprise and address critical operating demands. They need effective tools to transform process data into real-time information regarding process performance, equipment health, energy consumption and emissions monitoring. The Honeywell Connected Plant strategy maximizes the connectivity of real-time and cyber-secure operating data in thermal processes and automates predictive analytics to provide outcome-based, predictive maintenance to bring significant benefits to the operation. These benefits include increased visibility and accountability, minimized unplanned downtime and maximum uptime, increased efficiency and enhanced safety.

Honeywell Thermal Solutions will continue to address key industry trends as a global industrial thermal solutions provider with leading technology, software and cloud-based, connected strategies. 

Visit www.thermalsolutions.honeywell.com for more information on Honeywell Thermal Solutions.

