

# **SIX WAYS TO BOOST YOUR FUEL EFFICIENCY**

Better industrial thermoprocessing performance  
with Honeywell Thermal Solutions.

**Honeywell**

# SIX WAYS TO BOOST YOUR FUEL EFFICIENCY

We're in the midst of the energy crisis. Natural gas prices are soaring across much of the world, reaching record levels across countries. Even in the US, better insulated from outward pressures, prices are at an eight-year high.

But that's only adding to longer-term pressure on big energy users to achieve greater efficiency. As nations transition to net zero, industrial processes are being asked to play their part.

## A HIGH ENERGY PARTNER FOR LOW ENERGY BURNERS

Honeywell offers a comprehensive range of solutions for boosting thermal process efficiency across metals, ceramics, food and beverage, automotive, paper and a host of other sectors. We have everything industries need for better thermal efficiency to meet their goals around sustainability and profitability:

### SELF-RECUPERATIVE BURNERS

that recover heat from exhaust gases with integrated heat exchanges, like our **ECOMAX** and **EXOMAX LE** burners, can reduce natural gas consumption by about a third versus cold air burners – while reducing NOx emissions, too.



### BURNERS COUPLED WITH RECUPERATORS

to boost their efficiency. That includes our **Tube Firing Burner** paired with the **Bayonet Ultra Recuperator**, and our **UNI-RAD**® radiant tube burner with plug-in recuperator.



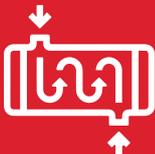
### SEPARATE HEAT RECOVERY SYSTEMS

that can also be combined with a wide range of Honeywell burners, including our **ThermJet**, **BIC/ZIC / BIO/ZIO**, **BIC..M**, **Beta BBC/BBG**, and **TriOx** burners.



### HONEYWELL'S TUBULAR, DIMPLE PLATE AND SINUSOIDAL HEAT EXCHANGERS

recover heat from the exhaust stream of processes and reuse it to enhance fuel efficiency.



### CONTROLS FOR PRECISE AIR/FUEL RATIO CONTROL

to boost burner efficiency, with Honeywell's **SMARTLINK**® **MRV** electronic ratio valves and **SLATE**™, for configurable safety and programmable logic in a single, modular platform.



### SOFTWARE AND SERVICES

with our **Thermal IQ**™ software continuously monitoring thermal processes to diagnose issues and optimize performance, while **Honeywell service** technicians keep combustion systems tuned for better operations.





## **HONEYWELL THERMAL SOLUTIONS, YOUR TRUSTED PARTNER**

From burners, valves, controls to engineering, software and services, Honeywell has the capabilities to provide the critical device or the complete solution to enhance your energy efficiency.

And we have the global presence and expertise to keep your burner tuned and systems operating smoothly and safely.

### **Learn more**

For more information about Honeywell's high efficiency portfolio, please visit [ThermalSolutions.Honeywell.com](https://ThermalSolutions.Honeywell.com) or contact your Honeywell Thermal Solutions representative.

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