Honeywell
THE POWER OF **CONNECTED**

Eclipse ThermJet Burners

High Performance Velocity Burners



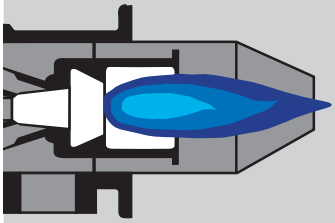
- The highest operating velocity of any burner available
- Comparison tests with competitive models prove ThermJet delivers the lowest emissions
- Integrated gas and air orifices simplify burner piping, set-up and adjustment
- Air and gas inlets are independently adjustable in 90° increments to suit a variety of piping alternatives
- Installation, operation, and maintenance are simplified and less costly
- Available in fourteen sizes with maximum capacities from (150,000 to 20,000,000 Btu/h) 40 to 5280 kW
- All models are available for use with preheated combustion air

Applications

ThermJet is a direct fire, nozzle-mix burner that is designed to fire an intense stream of hot gases through a high velocity nozzle. The extremely high velocity of the gases improves temperature uniformity, product quality, and system efficiency. ThermJet is available in either high velocity or medium velocity versions in 14 sizes. ThermJet can be adapted to operate with either ambient or preheated combustion air.

Typical applications include:

- Tempering furnaces
- Reheating furnaces
- Hardening furnaces
- Fluidized bed dryers
- Thermal oxidizers
- Non-ferrous melting
- Ladle/tundish, glass lehrs
- Environmental applications



ThermJet sets new standards for velocity, emissions and flexibility.

Highest velocity flame

ThermJet produces an intense stream of hot gases to thoroughly penetrate the load and deliver precise temperature uniformity for consistent product quality and system efficiency.

Unparalleled fuel and control convenience

ThermJet offers the convenience of multi-fuel capability with no nozzle change. Plus, you can use any control methodology... pulse firing, excess air or stoichiometric.

Large turndown combined with high excess air

A wide turndown range with high excess air means ThermJet delivers high velocity benefits and efficiencies across its operating range.

Dependable ignition

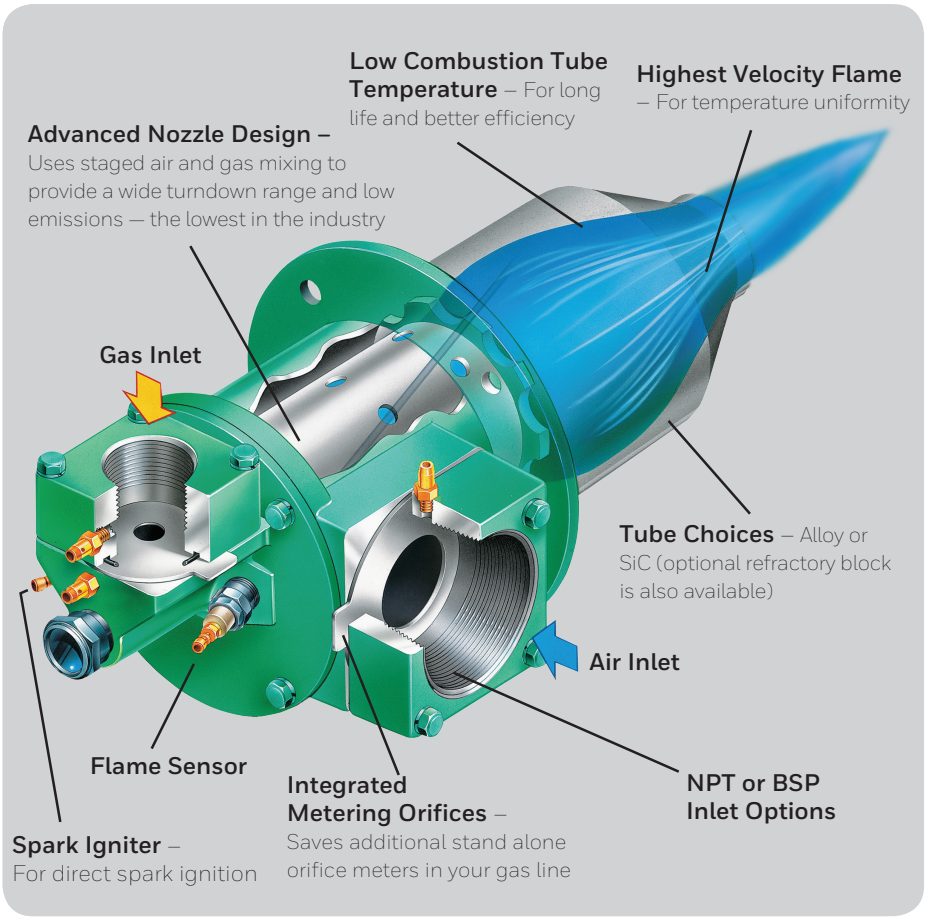
With ThermJet you can light anywhere in the ignition range with no pilot required.

Customization with packaged convenience

All ThermJet components have been pre-engineered to come together to meet your specific requirements. You choose the capacity range, combustor type, fuel type, thread type and flame sensing components you need to do the job.

Big savings

When you figure in the installation and maintenance savings, you'll discover that ThermJet's top performance is equaled only by its cost effectiveness.



For more information

The Honeywell Thermal Solutions family of products includes Honeywell Combustion Safety, Eclipse, Exothermics, Hauck, Kromschröder and Maxon. To learn more about our products, visit ThermalSolutions.honeywell.com or contact your Honeywell Sales Engineer.

Honeywell Process Solutions

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ThermalSolutions.honeywell.com

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