



THERMJET BURNERS

*New standards for velocity,
emissions and flexibility*

Designed to deliver more

ThermJet Burners represent a technological leap forward in every area of design and performance that counts.

- ThermJet has 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.
- Made to last... rugged Eclipse Combustion dependability and reliability are built in.

A performance leader

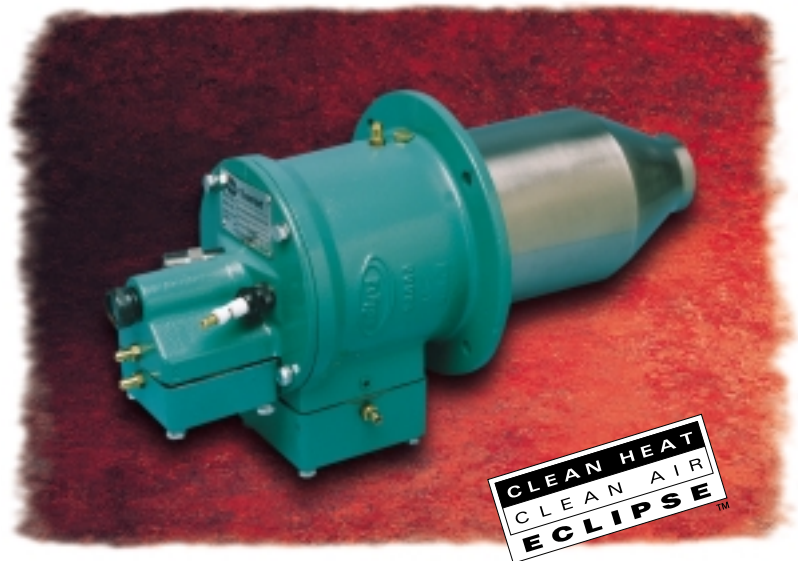
Highest velocity flame. ThermJet produces an intense stream of hot gases to thoroughly penetrate the load and deliver precise temperature uniformity for consistent product quality and system efficiency.

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.

High Performance Velocity Burners



Dependable ignition. With ThermJet you can light anywhere in the firing cycle with no pilot required.

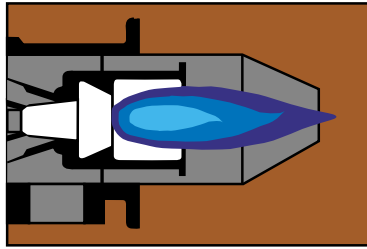
Customization with packaged

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

Big savings. ThermJet, featuring integral orifices that eliminate system components, costs less than most competitive high-velocity units. And, when you figure in the additional installation and maintenance savings, you'll discover that ThermJet's top performance is equaled only by its cost effectiveness.

ThermJet Burners

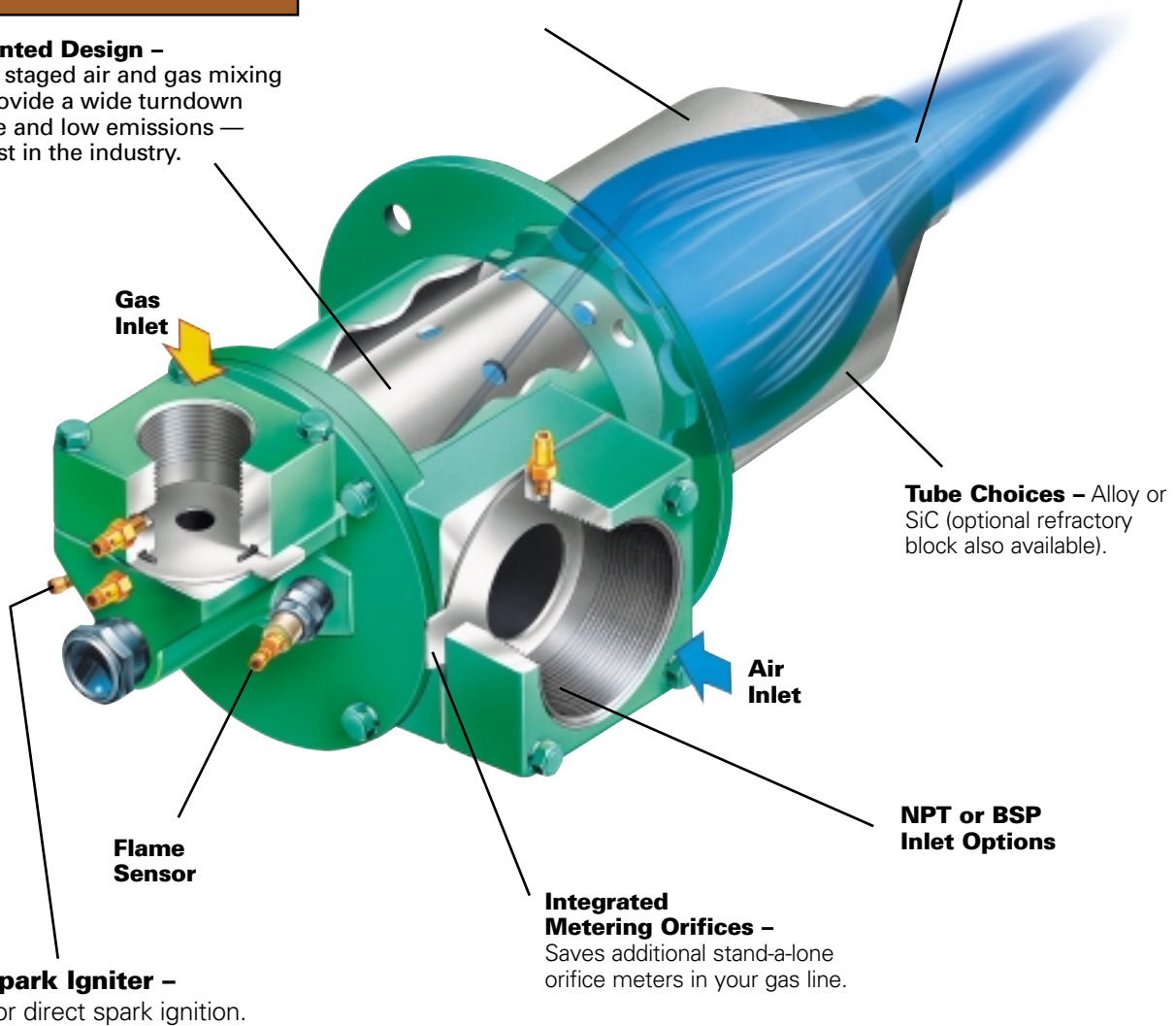
Sets new standards for velocity, emissions and flexibility.



Patented Design –
Uses staged air and gas mixing to provide a wide turndown range and low emissions — lowest in the industry.

Low Combustion Tube Temperature – For long life and better efficiency.

Highest Velocity Flame – For temperature uniformity.



Tube Choices – Alloy or SiC (optional refractory block also available).

Spark Igniter –
For direct spark ignition.

Integrated Metering Orifices –
Saves additional stand-a-lone orifice meters in your gas line.

ECLIPSE™
Innovative Thermal Solutions

Eclipse Combustion

www.eclipsenet.com

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