



# 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.
- Available in fourteen sizes with maximum capacities from 150,000 Btu/hr. to 20,000,000 Btu/hr. All models are available for use with preheated combustion air, see Bulletin 206C.

### ***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.

## ***High Performance Velocity Burners***



**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.

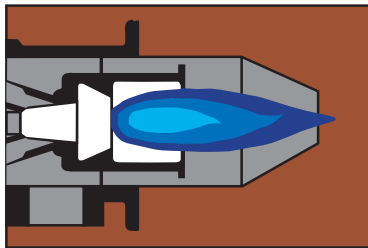
**Dependable ignition.** With ThermJet you can light anywhere in the ignition range with no pilot required.

**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.

# ThermJet Burners

*Sets new standards for velocity, emissions and flexibility.*

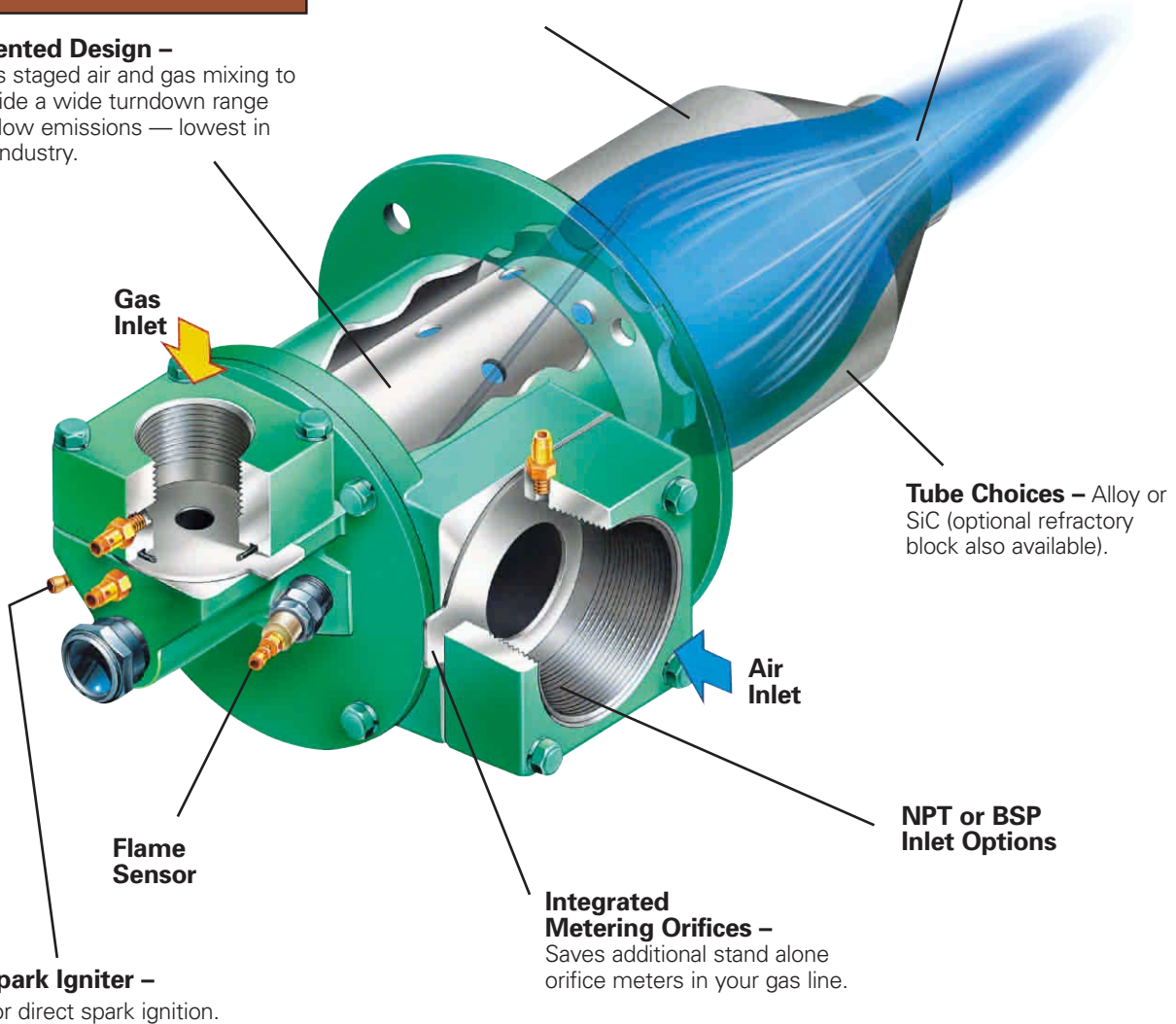


## Patented Design –

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 alone orifice meters in your gas line.



***Eclipse Combustion***

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