

ECLIPSE EXTENSOJET BURNERS

Unique design delivers increased efficiency and temperature uniformity

The ExtensoJet is a nozzle-mix burner that is designed to fire an intense stream of hot gases through a silicon tipped extended combustor using ambient combustion air.

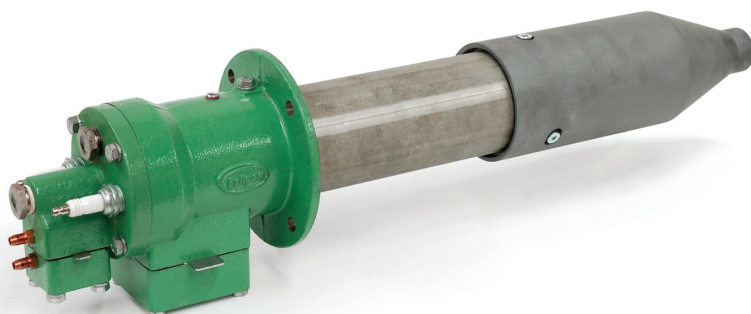
The ceramic, brick and tile industries have traditionally built thick kiln walls to conserve heat. Conventional burners do not have exit velocities sufficient to allow hot gases to penetrate the load.

The ExtensoJet was designed to extend through the kiln wall to significantly increase hot gas penetration and circulation of the products of combustion. The high velocity of the gases improves temperature uniformity, product quality and system efficiency. The gas velocity can be as high as 500 ft/s (150 m/s). The combustor comes in varying lengths from 20 inches to 56 inches (500 to 1400 mm).

ExtensoJet features

- 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.
- On-Ratio control
- Direct Spark Ignition
- Flame Rod Supervision
- Made to last... rugged Eclipse dependability and reliability are built in.
- Available in three sizes with maximum inputs from 250,000 Btu/hr to 750,000 Btu/hr (73 to 220 kW).

The Perfect Thickwall Burner



Performance and versatility

Highest velocity flame. The ExtensoJet 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 convenience. The ExtensoJet offers the convenience of multi-fuel capability with no nozzle change. It can be fired on natural gas, propane and butane.

Large turndown combined with high excess air. A wide turndown range with high excess air means the ExtensoJet delivers high velocity benefits and efficiencies across its operating range.

Big savings. When you consider the installation and maintenance savings, you'll discover that ExtensoJet's top performance is equaled only by its cost effectiveness.

