

# ECLIPSE LINNOX ULE COMBUSTION SYSTEMS

**Get the lowest emissions, widest input range, and simple operation with Linnox ULE Burner Systems.**

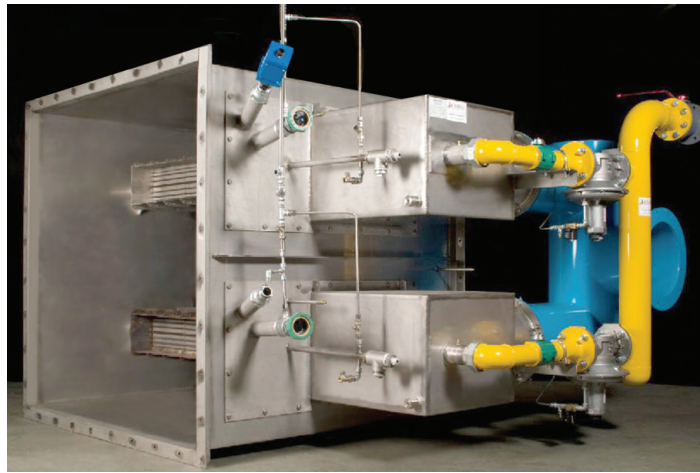
Eclipse Linnox ULE systems are designed for direct fired air heating applications where ultra low NO<sub>x</sub> and CO emissions are needed to meet legislative or process requirements. The Linnox ULE offers the widest input range of any line style burner system on the market. These best-in-class features make it ideal for industrial drying processes where good heat distribution and temperature uniformity are essential.

No competing line style burner system can match the ultra low emissions achieved by the Linnox ULE. Emissions are less than 15 ppm NO<sub>x</sub> and less than 100 ppm CO, corrected to 3% oxygen when firing natural gas.

### ***Innovative design.***

The Linnox ULE system incorporates a uniquely designed premix combustion technology that allows the burner to achieve ultra low emissions and exceptional heat distribution over the input range of the burner. The burner is mounted to a side plate that allows for easy insertion into the process air duct. The Linnox ULE produces a short flame, protected by a heat resistant combustion chamber, which achieves optimum combustion without being significantly influenced by the process air stream. Linnox ULE systems can be comprised of either a Linnox Straight ULE burner or a Linnox Tee ULE burner configuration. Depending on the process input requirements, both the Straight ULE and Tee ULE offer ultra low emissions, a wide range of inputs, and simple operation; and with the Tee model, there are multiple combinations of lengths and number of

## **Ultra Low Emissions Line Style Burner Systems**



rows to give ultimate design flexibility for nearly any application. The Straight design is ideal for applications requiring a lower input, and the Tee for applications requiring a higher input range.

### ***Simple, cost effective operation.***

Unlike other low NO<sub>x</sub> line burner systems, Linnox ULE does not require an expensive and complex control system to deliver low emissions. The gas/air ratio is efficiently and reliably controlled by a ratio regulator which uses modulated air pressure to always deliver the correct amount of gas to the burner.

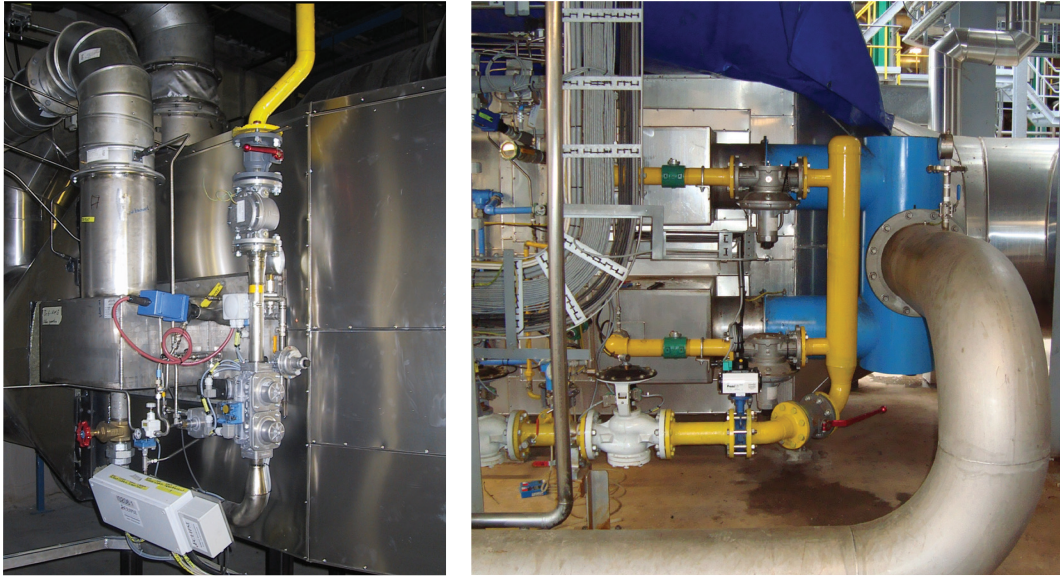
### ***The integrated system solution.***

Eclipse reduces your engineering costs by providing a completely integrated Linnox ULE combustion system, designed to your specifications. This single source approach helps us insure your Linnox ULE system will provide years of safe, reliable, efficient, and clean heating performance.

# Linnox ULE Combustion Systems

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*Ultra low emissions, exceptional performance, and simplified operation in a complete, packaged solution.*



Modular burner flexibility, integral mixer design, and simplified control technology make the Linnox ULE system a world class choice for a wide range of duct heating applications. For special applications, engineered options include painted or stainless steel construction.

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## ***Proven performance.***

For over 10 years, Linnox systems have delivered best-in-class performance for a wide range of process heating applications around the world. Typical Linnox applications include:

- Fiber board dryers.
- Gypsum board dryers.
- Food processing.
- Drum drying applications.
- Paper drying.
- Textile drying.
- Laundry drying.

## ***Global support.***

Eclipse designs complete combustion systems to meet global emissions and regulatory requirements. Linnox ULE holds GOST, RTN, SERPRO, and other international product certifications. **We can build, commission, and support your system anywhere in the world.**

**ECLIPSE**<sup>®</sup>  
Innovative Thermal Solutions  
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