

ECLIPSE LINNOX ULE BURNERS

Ultra Low Emissions Line Style Burners

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

The Eclipse Linnox ULE burner is designed for direct fired air heating applications where ultra low NO_x and CO emissions are needed to meet legislative or process requirements. The Linnox ULE offers the widest input range of any line style burner 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 can match the ultra low emissions achieved by Linnox ULE. Emissions are less than 15 ppm NO_x and less than 100 ppm CO, corrected to 3% oxygen when firing natural gas.

Reliable performance.

The Linnox ULE burner incorporates a uniquely designed premix combustion technology that allows the burner to achieve ultra low emissions and exceptional heat distribution over the entire 10:1 turn-down of the burner. Linnox ULE produces a short flame that is protected by a heat resistant combustion chamber to achieve optimum combustion without being influenced by the process air stream.

Simple, cost effective operation.

Unlike other burners, 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.



Design flexibility.

By providing the widest input range available, Linnox ULE burners can be configured to meet your specific temperature requirements, with a standard input range of 540,000 to 5,400,000 Btu/hr (160 to 1600 kW), and custom configurations that can meet a wide range of inputs. Because of the modular burner design, burners can be assembled in lengths from 0.3 m to 2.7 m (1 to 9 feet).

Global technology.

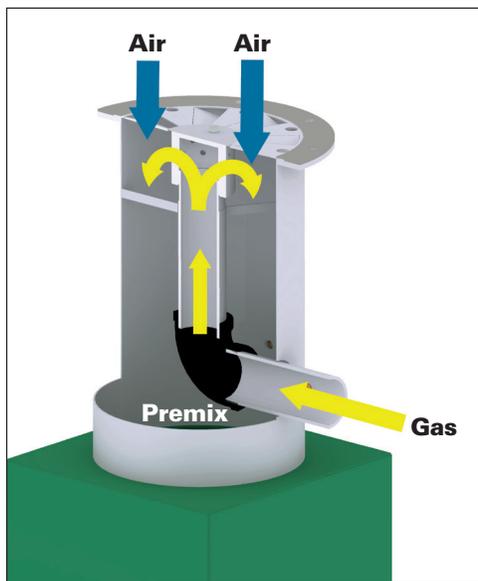
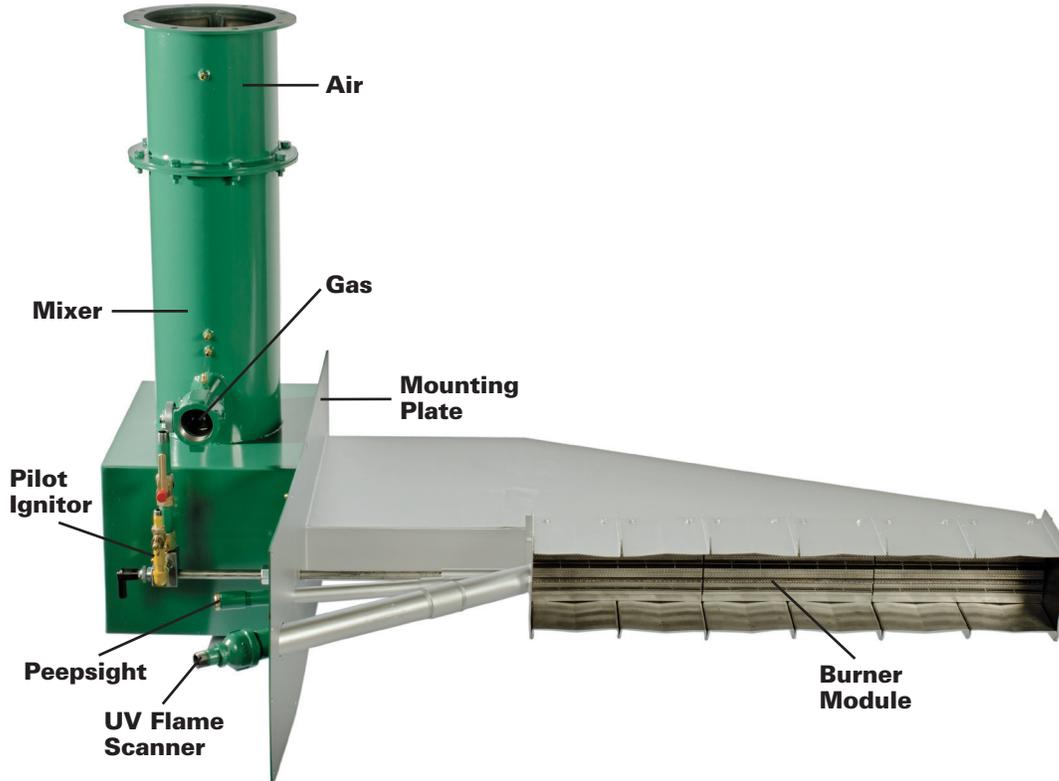
With over 10 years of proven application experience, the Linnox ULE, is designed to meet the most challenging customer requirements anywhere in the world.

Additional features.

- Emission guarantee is available on request.
- Holds GOST, RTN, SEPRO and other international product certifications.
- Factory tested.

Linnox ULE Burners

Ultra low emissions and exceptional temperature uniformity.



Mixer Cross Section