

# ECLIPSE LINNOX STRAIGHT ULE BURNERS

## Ultra Low Emissions Line Style Burners

**Get the lowest emissions, widest input range, increased design flexibility, and simple operation with the Linnox Straight ULE Burners.**

The Eclipse Linnox Straight ULE burner is designed for direct fired air heating applications where ultra low NOx and CO emissions are needed to meet legislative or process requirements. The Linnox Straight ULE offers the widest input range and the most manifold configurations 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.

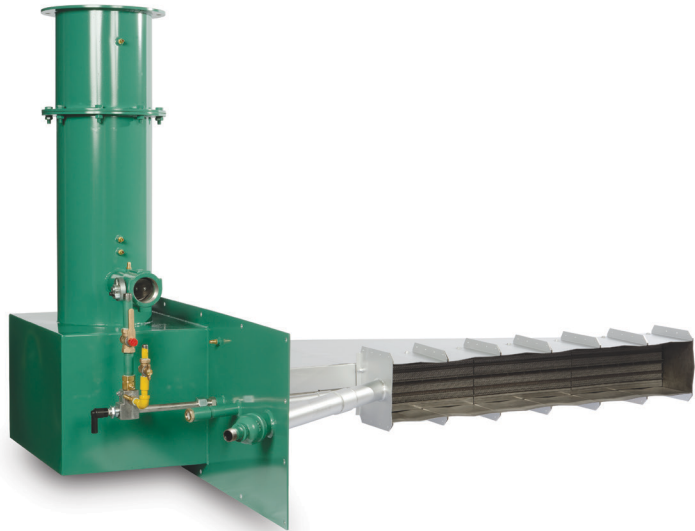
No competing line style burner can match the ultra low emissions achieved by the Linnox Straight ULE. Emissions are less than 15 ppm NOx and less than 100 ppm CO, corrected to 3% oxygen when firing natural gas.

### **Reliable performance.**

The Linnox Straight ULE burner 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 Linnox Straight 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.

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

Unlike other burners, the Linnox Straight 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.**

Linnox Straight ULE burners can be configured to meet your specific heating requirements. The standard input range of 540,000 to 5,400,000 Btu/h (160 to 1600 kW), along with custom configurations, allow a wide range of inputs. Because of the modular burner design, standard burners can be assembled in lengths from 0.3 m to 2.7 m (1 to 9 feet).

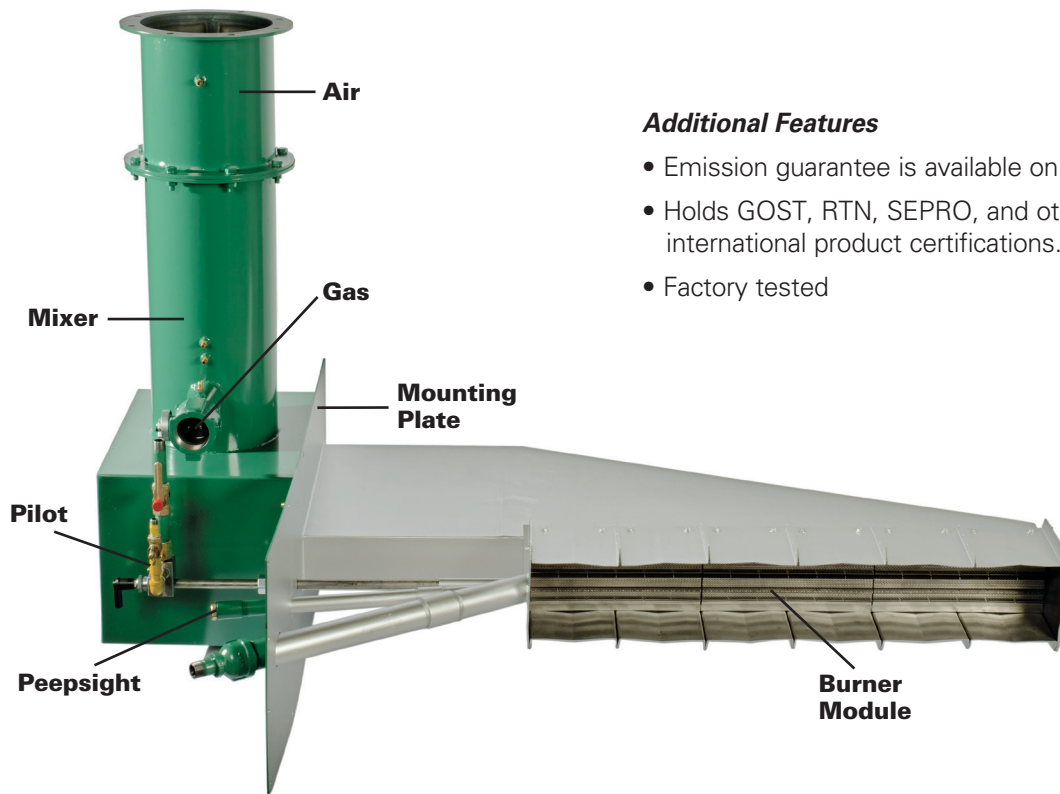
### **Global technology.**

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

*Note: if a larger input range is required, the Linnox Tee ULE offers all the benefits of the Linnox Straight ULE but with the option of a "Tee" configuration along with a higher range of operating inputs.*

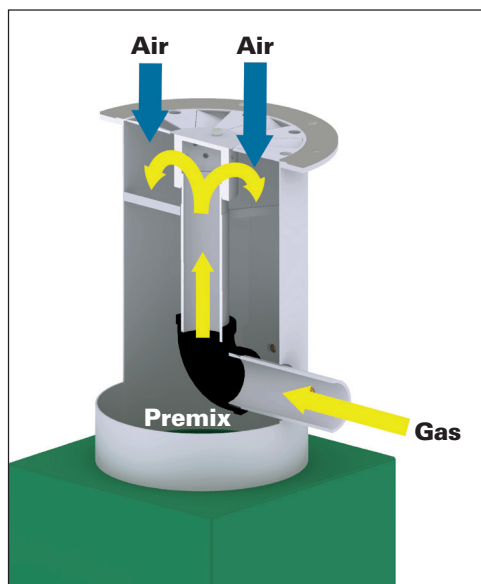
# Linnox Straight ULE Burners

*Ultra low emissions and exceptional temperature uniformity.*



### **Additional Features**

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



**Mixer Cross Section**