



ECOFORNAX™ LE



Exceptional performance through cutting-edge technology

1 APPLICATIONS

- Boilers
- Thermal fluid heaters
- Process heaters
- Incinerators

2 ULTRA LOW NOX NO FGR

The LE uses a lean premix primary flame and dilute secondary combustion to achieve less than 18 ppm (corrected to 3% O2) NOx without FGR in many applications. The LE's lean premix technology also provides low NOx with preheated air.

3 UNIQUE PATENED DESIGN

The LE provides the ultimate in emission reductions of NOx CO, and VOCs. The technology uses patented lean premix and dilute combustion technologies to safely combust heat releases up to 250 million Btu/h HHV.

PATENT NUMBERS US 5,407,345 US 5,554,021 US 5,667,376 US 5,730,591 EP 0 804 647 BI US 5,605,452 LICENSED PATENTS US 5,201,650

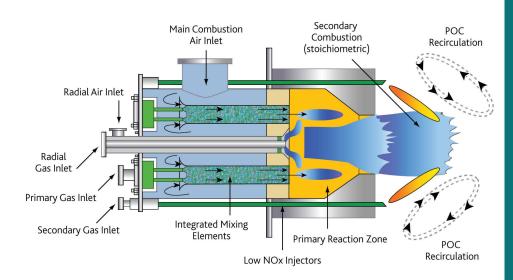


LE FEATURES

- < 8 ppm, 0.01 lb NOx per MMBtu with FGR</p>
- < 20 ppm NOx without FGR
- Low CO and VOC emissions
- High intensity, compact flame
- Sizes from 1.0 to 250 million Btu/h HHV
- Turndown up to 20:1
- robust design, rugged and reliable with no moving parts



When FGR is utilized with the LE, the NOx emissions can be taken to even lower levels; below 8 ppm (corrected to 3% O2), 0.01 lb NOx per MMBtu.



The use of a lean premix core, combined with adiabatic flame temperature control of the primary reacter zone, allow the LE to minimize NOx emissions even for preheated air systems.





SCAN BELOW TO SEARCH OUR DIGITAL CATALOG FOR MORE INFORMATION ON PRODUCTS USED IN THIS APPLICATION.



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