

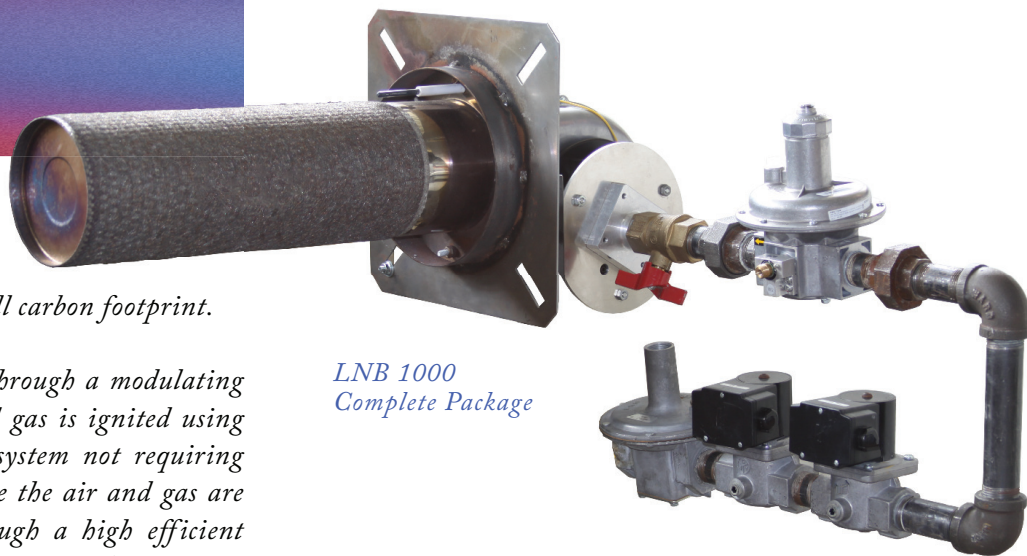
# Low NO<sub>x</sub> Series Power Gas Burners

*The Midco LNB LOWNO<sub>x</sub> gas burner was developed to meet today's changing emission requirements to reduce the overall carbon footprint.*

*The air and gas are premixed through a modulating premix gas blower. The air and gas is ignited using a simple direct spark ignition system not requiring an additional pilot burner. Once the air and gas are premixed it is distributed through a high efficient metal fiber burner head. Premixing the fuel and air before ignition assures complete combustion with minimal levels of CO and NO<sub>x</sub>.*

*Our modular burner concept keeps the initial investment low and maintenance costs at a minimum compared to flue gas recirculation type burners.*

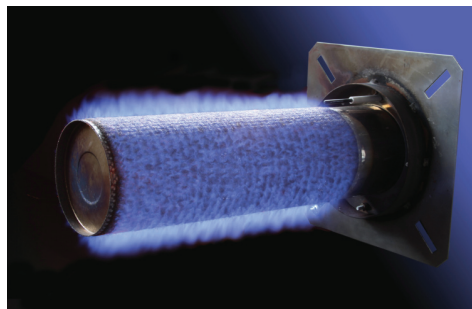
*Application Specific: Consult the Midco Engineering Team for specific emission requirements.*



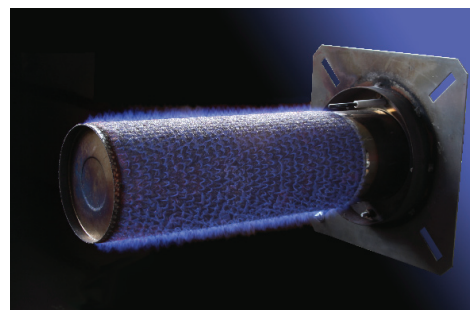
*LNB 1000  
Complete Package*

## **Features**

- **Burner Capacity:**  
*LNB 500 - 100,000 to 500,000 BTU's*  
*LNB 1000 - 150,000 to 1,000,000 BTU's*  
*LNB 2000 - 400,000 to 2,000,000 BTU's*
- *NO<sub>x</sub> emissions less than 30 ppm corrected to 3% O<sub>2</sub>*
- *Low CO*
- *High efficiency radiant heat release*
- *Universal Mounting flange*
- *Easy Installation*
- *Easy burner setup*



*LNB 1000  
High Fire  
Blue Flame Mode*



*LNB 1000  
Low Fire Blue Flame Mode*



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