

**Capacity Range:**  
20,000 to 450,000 BTU/hr (5 to 120 kW)



## Selas Inspirator Air/Natural Gas Mixer

*Inspirators and gas air mixers are used for mixing air and gas in combustion systems: Essential and easy.*

---

### How It Works

The simplest and most economical way of blending air and gas fuel mixture is with a Selas Inspirator. This simple method uses gas under pressure through an orifice which entrains air and blends it in a

tube. Designed to provide the best atmospheric mixture, it is available in multiple sizes. Whether you need just a few hundred BTU or thousands, Selas has the right mixer for you.

### Applications:

- Natural Gas Burners



Diverse Combustion Technologies. One Reliable Source.

# Operating Principles

Proportional air/gas mixers use air as the catalyst through an orifice. This creates a vacuum and entrains the amount of gas required to achieve a stoichiometric flame. They are extremely efficient.

Available in multiple sizes, Selas Fueljectors have been independently evaluated as the best in the market. With a proportional air/gas mixer, the more air introduced the more gas is entrained, keeping the perfect balance of air to gas ratio. Regardless of the type of fuel (methane, propane, butane) our Fueljectors will keep the proportions to spec.

Features	Benefits
Turndown of 6:1 (17%)	Increased energy efficiency
Proportional air/gas mixer (fueljector)	Balanced air-to-gas ratio
Creates stoichiometric flame	Extreme efficiency



11012 Aurora Hudson Rd • Streetsboro, OH 44241  
**1-800-523-6500 • [sales@selas.com](mailto:sales@selas.com)**  
**[www.selas.com](http://www.selas.com)**