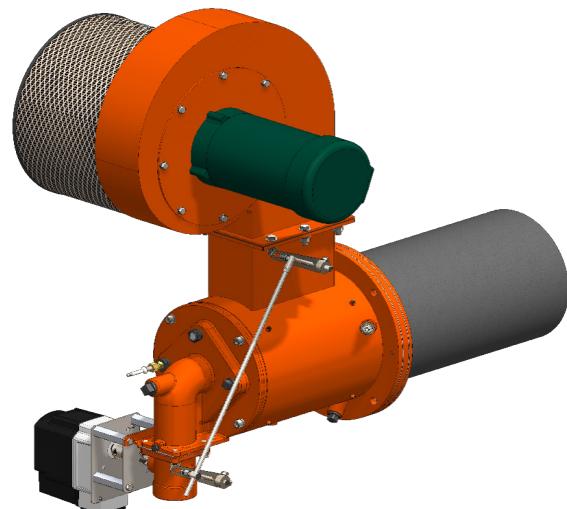


Capacity Range:

0.5 to 7 MM BTU/hr (with packaged mounted burner)

1.0 to 15 MM BTU/hr (with external blower)



PyroFlex Package Burner Low NOx Emissions

Selas PyroFlex Package Burners are designed for air heating applications requiring nominal capacities from 0.5 to 15 MM BTU/hr. PyroFlex burners provide high turndown, reliable ignition, flexible air and gas control options, and staged combustion, resulting in half the NOx levels of conventional burners. Typical packages contain a burner, spark ignitor, flame rod and flame safeguard, blower and motor, gas train with air-fuel control, and prewired mounted control panel.

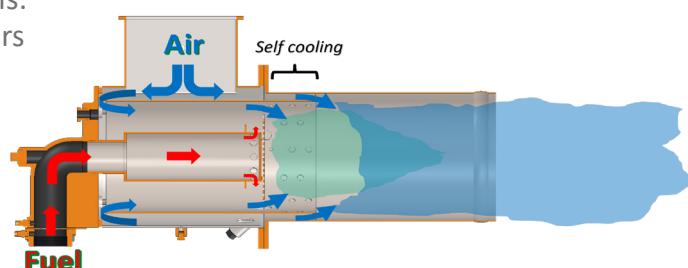
How It Works

Flexible air-gas controller options allow for fixed air or ratio air modulation, as well as high/low gas control, gas-only modulation, or precision gas modulation to automatically adjust air-gas ratio to maintain oven temperature. Air-gas ratios controlled with linkage system for easy adjustment in-house. 4-20 mA signal control motors are standard with all gas modulation options.

For burner applications that require 0.5 to 15 MM BTU/hr, PyroFlex Package Burners offer several flexible controller options and 40:1 turndown. Pyroflex burners accommodate a wide variety of fuels from low BTU gases to butane. Higher turndowns available for specially designed systems. Gas trains are approved for use in all countries and motors are available for 60Hz and 50Hz frequencies.

Applications:

- Ovens
- Air Heaters
- Textile Machines
- Food, Paper & Pulp, and Plastic Processing
- Paper Drying
- Fume Incineration
- Metal Industry
- Low Temperature Metal Finishing



Diverse Combustion Technologies. One Reliable Source.

Configurable Options

- Basic burner assembly: burner, spark ignitor, flame rod, and peep sight.
- Integral combustion air blower fitted with TEFC blower motor: either 115/230/1/60 or 230/460/3/60 and air pressure switch.
- Air and fuel control with control motor: fixed air – high/low gas, fixed air – gas-only modulation; proportional air/gas control; and precision air/gas control.
- Gas train with automatic shut-off valves, pressure switches, and regulators, meeting the requirements of NFPA 86 & CSA for operation in North America.
- Mounted, pre-wired NEMA 12 control panel with external display Includes on-off switch, reset button, and burner run and flame failure indication lights.
- Configurations for operation in other countries are available, consult the factory.

Features	Benefits
Nozzle design promotes turbulent conditions for complete combustion	Consistent flame stability across operating conditions. High fuel efficiency, lower operating costs
High turndown of 40:1	Wide range of firing rates, eliminating unnecessary burner shutdown and untimely restarts
Staged air combustion	Low NOx emissions
100% tested before leaving the factory	Provides quick and easy start up

Options

- Ultraviolet scanner
- Temperature controller
- High temperature limit
- Main gas regulator
- Pilot gas train
- Remote terminal control panel



SCAN FOR MORE INFORMATION



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