

Pyroline™ & Midget Pyroline Burners

Pyroline Line Burners are cast iron, drilled port continuous line burners with alloy side rails. Midget Pyroline Burners are low capacity, blast, line type units.

How It Works

Selas PYRO-LINE Burners are cast iron, drilled port continuous line burners with alloy side rails. The unique mounting of the side rails improves flame retention and allows cooler burner operation under higher ambient temperature.

Burners are available in 12", 6", and 3" Straights and 12" Bottom or Side

Inlets. The 12" x 6" Cross and 3" x 3" 90° Elbow make possible almost any arrangement of burner assemblies.

PYRO-LINE Burners will operate at mixture pressures up to 20" w.c. and perform is best with 70% to 80% aeration, but other air-gas ratios can be used.

Applications:

- Oven & makeup air heating
- Glass lehrs - glass polishing
- Kettle & tank heating
- Textile drying & singeing
- Core baking & mold drying
- Spot heating
- Brazing, soldering, annealing



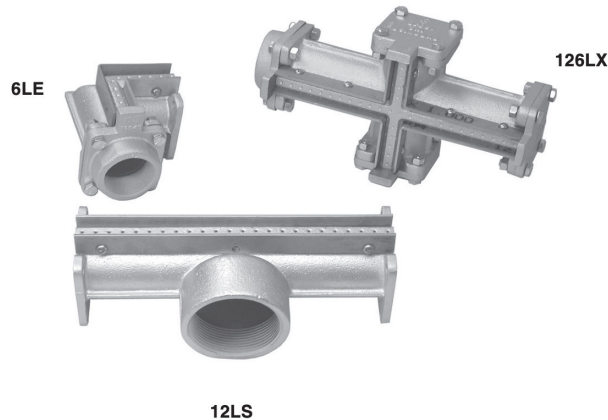
Diverse Combustion Technologies. One Reliable Source.

Operating Conditions

At normal mixture pressures burner flames are very stable in air stream velocities up to 5000 f.p.m. Where the burner must be operated below 1" w. c. mixture pressure limit the air velocity to 1200 f.p.m. Flame travel is instantaneous from section to section, without the necessity of crossover strips. The Universal Pilot Mounting Bracket bolts to any flange on either side of the burner. This provides the location for single point spark ignition and flame protection.

PYRO-LINE Burners are used where heat is to be distributed in continuous flame patterns. The burners may be installed horizontal or vertical in single sections or groups. PYRO-LINE Burners in air heating ducts will occupy 0.30 sq. ft. per foot of flame length. When installing PYRO-LINE Burners in assembled groups do not fasten down. Burners must be free to move to allow for normal expansion due to temperature changes.

Features	Benefits
Unique alloy mounting side rails	Improves flame retention, allows cooler operation
Modular construction includes crosses & elbows	Infinite possibilities of burner arrangements
Very stable flames in air velocities up to 5,000 fpm	Predictable heat at normal mixture pressures
Flame travel instantaneous from section to section	Allows single point spark ignition & flame protection
Burners may be installed horizontal or vertical	Fits a wide range of configurations & applications



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