

Capacity Range:
4,000 Btu/Hr to 110,000 Btu/Hr



Industrial Gas Burner, Multiport PR Gas Type

Combine positive flame geometry with maximum heat release and low turndown.

How It Works

Selas Multiport Perforated Refractory (PR) burners have multiport burner screens that break up flame into a large number of small flames. This results in a concentrated “flat face” round flame of high intensity. The screen port diameter/length ratio is selected to inhibit flashback, even at extremely low input rates. The screen retaining-ring effectively

pilots flames to prevent flame blow off under normal operating conditions. The Multiport P-R burner is a one piece construction with interchangeable components making replacement of damaged parts simple. It is easily installed either individually or in groups and can be mounted in any position to standard pipe fittings or manifolds.

Applications:

- Brazing
- Glass Polishing
- Laboratory Work
- Preheating
- Soldering
- Spot Heat Treating



Diverse Combustion Technologies. One Reliable Source.

Operating Principles

Pilot ring, which is made of special heat-resistant chrome nickel scaling and corrosion, screws onto burner body and eliminates need for special lock pins or costly “one piece” construction. Refractory screen is die-formed under high pressure, using selected high grade ceramic materials. Kiln-fired before assembly, this screen cannot warp, scale or corrode in the most severe service.

All components of a Selas burner are interchangeable - damaged parts can be quickly and easily replaced. Readily installed, either individually or in groups. Can be mounted in any position to standard pipe fittings or manifolds.

Available in two series: “A” Series uses manufactured gas; “N” Series uses mixed, natural, and propane gases.

Features	Benefits
Concentrated “flat face” round flame	High intensity heat for precision work
Designed to inhibit flashback	Ensures reliable flame retention
Refractory screen made from high grade ceramic	Will not warp, scale or corrode
All components are interchangeable	Damaged parts are easy to replace
Mountable in any position, alone or in groups	Wide installation flexibility



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