

Capacity Range:
9,000 to 120,000 BTU/hr



Selas Midget Mixer Forced Air

Selas Midget Mixers (MM) (Product No. 2351) are suction type proportional air-gas mixers.

How It Works

Selas Midget Mixers (MM) are suction type proportional air-gas mixers. Air passing through the jet produces a suction in the throat section to entrain a fuel gas.

The quantity of gas entrained is easily set by the adjuster plug in the gas throttle cock. Once set, the fuel

to air ratio remains constant over a wide range of air flows (assuming a constant gas pressure).

A Zero Regulator can be used to maintain a constant gas pressure, precisely at atmospheric pressure, for all gas flows.

Applications:

- Suction-type air/gas mixing for burners



Diverse Combustion Technologies. One Reliable Source.

Operating Principles

Total heat input of the mixture delivered to the burner system is controlled by a single valve in the combustion air line. This valve may be motor operated for automatic process control.

The MMSR, MMCR, and MMTR assemblies include a correctly sized midget Zero Regulator. The accuracy of these units permits turndown ranges up to 3:1 on a capacity basis. Where wide turndown ranges are required, or where a number of mixers are connected to a single regulator, the 'BZR' Series Regulators are recommended.

Features	Benefits
Compact, rugged construction	Ideal for small spaces, harsh conditions
Single valve control	Easy operation
2 to 30 kW	Energy efficient



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