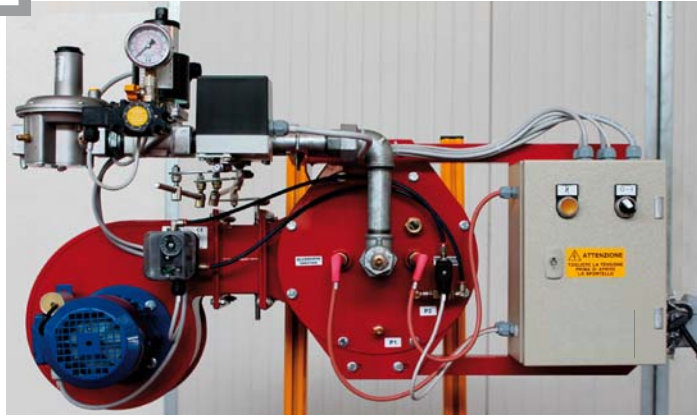


SG R.....



General Information

The "SG R ..." gas burner series thanks to their light and handy structure combined with reduced overall dimensions are ideal for all the installations requiring a compact and silent combustion group with high turn-down ratio.

The burner structure is in carbon steel; parts in contact with the flame are in refractory steel and in Nickel Chrome alloys.

Externally to the burner, with orientation to define according to the installation needs, are located the gas ramp, the combustion air blower and the automatic burner control unit.

The completely automatic operation allows different regulation controls such as on-off, high-low flame and modulating on ratio.

These last control systems allow reaching turn-down ratio of 30:1 with neutral combustion chamber.

The burner can be supplied in the following versions:

- Internal duct
- External duct

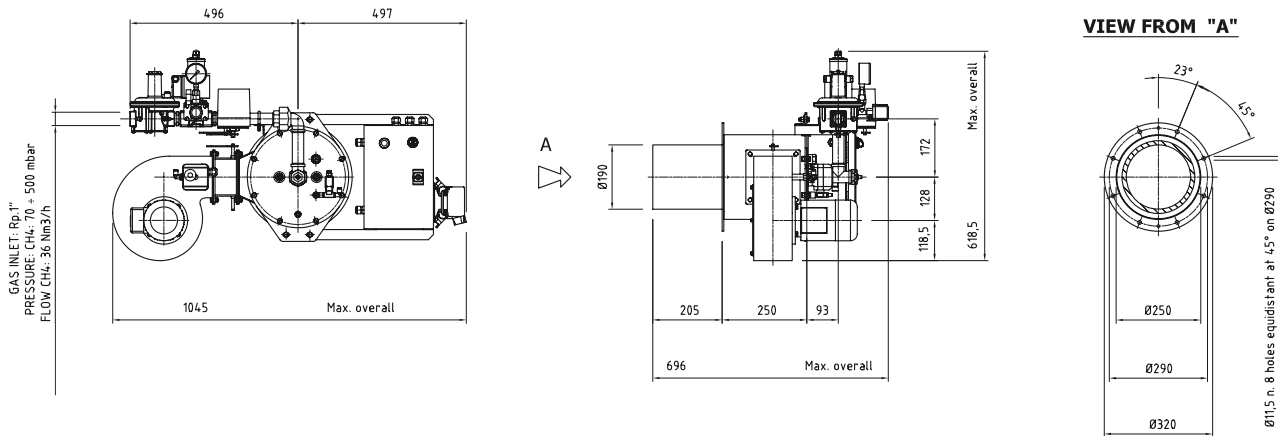
Features

- Direct spark ignition, ionization flame detection electrode.
- For Natural gas and LPG, other gaseous fuel on request.
- Turn down ratio 30 to 1.
- Single phase or 3 phase motor, 50/60 Hz.
- Available as packaged execution, with gas ramp according to EN 746-2 (or other required), on right or left hand.
- Easy to install, to start, to operate.

Applications

- Ceramic, Bricks, Refractory:
 - Roller dryers, Tunnel dryers, Continuous and Intermittent dryers.
- Textile: Stenters, Dryers, Polymerisers, Printings Dryers.
- Surfaces Treatment: Painting Dryers and kilns.
- Paper: Air Heaters, for Hood and Dryers.
- Converting:
 - Air Heaters for Rotogravures, Flexographic and Coupling and Adhesive coating machines.
- Food: Cereal Dryers, Roasters.
- Drying Tobacco.

Overall dimensions (mm)



Mod. SG R 30

For the dimensions of the model SG R 30 please contact our technical dpt.

Technical data

Mod.	SG R 15	SG R 30	
Output Min.	6 kW (5 Mcal/h)	9 kW (7,5 Mcal/h)	
Output Max.	175 kW (150 Mcal/h)	350 kW (300 Mcal/h)	
Fuel	CH4 / LPG		
Turn down ratio	18 : 1	30 : 1	
Operation	Modulant air/gas		
Max. excess of air	50% a 175 kW	50% a 350 kW	
Flame diameter	200 mm	250 mm	
Flame length	600 mm	600 mm	
Gas supply pressure	50 ÷ 200 mbar	100 ÷ 200 mbar	
Electrical supply	220 V 50 Hz		Singlephase
Ignition Transformer	220 V 1x15 kV 25 mA		
Motor	0,18 kW	0,37 kW	
Power consumption	0,3 kW	0,5 kW	
Weight	50 kg	62 kg	

Special executions on request.

*The above mentioned performance data are described at their maximum power. Pressures showed are guidelines only. Gas pressures are refer to **Methane** gas.*

30% excess of air.

With neutral combustion chamber. For different conditions, contact our Technical Service.

- Performance data and dimensions are guidelines only.

Subject to modifications

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