The “JMG” gas burner series is a blown-air burner which can operate with natural gas, LPG, lean gas and gas with low calorific power (on request). It was designed for the installation in all the process in which it is necessary to obtain a deeply oxidizing combustion to limit working temperature. The completely automatic working allows on-off regulations, high/low flame, air/gas modulating. The last allows to obtain max.-min. regulation ratio until 15:1. The maximum thermal potentiality is 2,675kW (2,300,000kcal/h) while the minimum potentiality can come up to 5.8kW (5,000kcal/h).

Combustion air temperature required for this burner can change from room temperature until 300 °C. A particular care has been dedicated to CO and NOx emissions produced by combustion process, these elements are lower than limits required by EN 676 regulations. Burner structure is painting casting, the body is of iron, the bottom of aluminum, the parts in contact with flame of refractory steel and Nickel Chrome alloys. The burner has ignition and flame revelation electrodes, pressure switch to measure air and gas instantaneous flows, flame indicating light.

### GENERAL INFORMATION

**FEATURES**

- Direct spark ignition, ionization flame detection electrode or UV cell.
- For natural gas or LPG, other gaseous fuel on request.
- Max.-min. ratio 15:1.
- Available as complete version with gas ramp, according to EN 676 on right or left hand.
- Easy to install, to start, to operate.

**APPLICATIONS**

- All types of kilns, suitable for oxidative, stoichiometric or reducing combustion.
- Ceramic, Bricks, Refractory:
  - Roller kilns, Tunnel kilns, Intermittent kilns, Melting kilns.
  - Continuous and Intermittent Dryers.
- Iron metallurgic Industry.
- Surfases Treatment.
The above mentioned performance data are described at their maximum power. Pressure showed are guidelines only. Gas pressures are refer to Natural gas.

* Stoichiometric conditions.

Performance data and dimensions are guidelines only.

The descriptions and specifications are subject to change without notice.