



INTENSIVE HIGH AND AVERAGE SPEED BURNER

JHMG - 100

JHMG - 150



GENERAL INFORMATIONS

The “JHMG” gas burner is a blown-air burner which can operate with natural gas, LPG, lean gas and gas with low calorific power (on request).

Burner operation may be automatic or semiautomatic, and burner is equipped with electric ignition and detection electrode.

This burner is classified as a “high/medium speed gas burner”, with exhaust gases speed coming out from the combustion chamber ranging from few m/s to 100 m/s, or even higher speed according to the outlet diameter of the burner cone.

Combustion air temperature required for this burner can change from room temperature until 300°C

The Maximum thermal potentiality is 1,744kW (1,500,000kcal/h) while the minimum potentiality can Come up to 1,163kW (100,000kcal/h).

Because of its flexibility, this burner may be adjusted with a wide capacity range up to a 10:1 ratio.

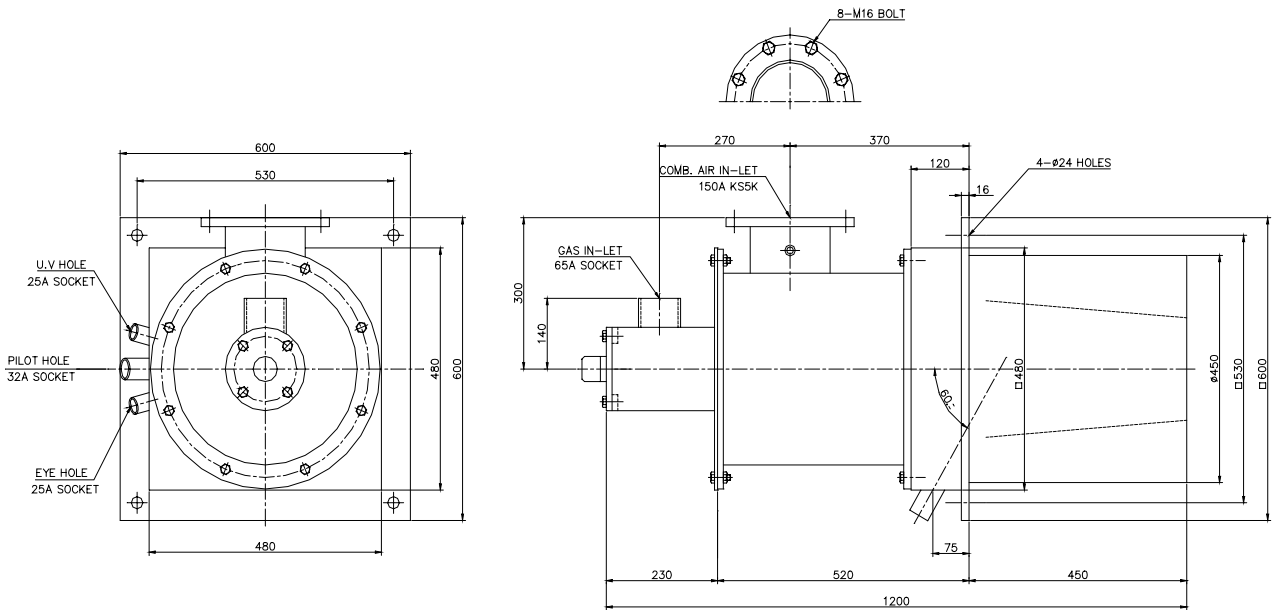
FEATURES

- Direct spark ignition, ionization flame detection electrode.
- Multifuel combustion head for Natural gas or LPG.
- Turn down ratio 10 to 1.
- Available as packaged execution, with gas ramp, according to EN 676 (or other required) 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.
- Surfaces Treatment.
- Glass : Hardening ovens.
- Printing and Packing : Air Heaters for Rotogravures, Flexographic and Coupling and adhesive coating Machines.

- Food : Cereal Dryers, Roasters.
- Drying Tobacco.
- And furthermore, for any application which requires a wide regulation automatic gas burner, capable of operating in a strong vacuum or with strong counter-pressure.



TECHNICAL DATA

MODEL	JHMG - 100	JHMG-150
Output min.	100,000 kcal/h	150,000 kcal/h
Output max.	1,000,000 kcal/h	1,500,000 kcal/h
Fuel	CH ₄ /L.P.G	CH ₄ /L.P.G
Burner cone material	Concrete Casting	Concrete Casting
Maximum excess of air	100% a (516,000 kcal/h)	100% a (516,000 kcal/h)
Maximum excess of gas	35% a (1,000,000 kcal/h)	35% a (1,500,000 kcal/h)
Gas supply pressure	65 mbar	65 mbar
Air supply pressure	70 mbar	70 mbar
Weight	85 kg	85 kg

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

*Stoichiometric conditions

Performance data and dimensions are guidelines only.

·The descriptions and specifications are subeject to change without notice.

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