



## GI 1000 LX 60Hz

Code: 15365410

Series: GI LX

### Technical and functional features

- Low NOx and CO gas-fired burners, EN676 "Classe III".
- Two-stage progressive output operation.
- Ability to operate with output modulation by means of automatic RWF40 regulator mounted on the control panel (order separately with the specific modulation kit).
- Compatible with any type of combustion chamber.
- Air-gas mixing at blast-pipe.
- Burnt gas recycling blast-pipe able to achieve very low pollutant emissions, particularly with regard to nitrous oxides (NOx).
- Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.
- Maintenance facilitated by the fact that the mixing unit can be removed without having to remove the burner from the boiler.
- Minimum and maximum air flow regulation for first and second stage by means of electric servomotor with pause closure of gate to prevent any heat dispersion to flue.
- Control of the number of fan revolutions according to variation of demand from burner via frequency converter to obtain a significant reduction of noise and electricity consumption (version V only).
- Tightness gas valve control, EN676.
- Comes with 1 insulating seal to connect the burner to the application.

### Design features

- Steel fan part.
- High performance centrifugal fan.
- Combustion air inlet with device to adjust the air flow.
- Flange for connection with generator anchored with hinge for easy dismantling of flame disc.
- Adjustable blast-pipe with stainless steel nozzle and deflector disk in steel.
- Three-phase electric motor to run fan (controlled electronically by means of a motor speed controller in "V" execution).
- Air pressure switch to ensure the presence of combustion air.
- Modulating single-block gas train complete with operating and safety valves, valve seal control, minimum and maximum pressure switch, pressure control and gas filter.
- Burner ignition gas train complete with operating and safety valve, minimum pressure switch, pressure control and gas filter.
- Sequence controller - EN 298..
- Ultra Violet cel flame scanner.
- Synoptic control panel including on/off switch, automatic/manual operation and minimum/maximum selectors, operation and shutdown indicator lights.
- Terminal block for the electrical and thermostatic connections to the burner and to control the second stage of working or for the connection of the electronic output regulator.
- Electrical plant protection rating IP40.

### Technical Data - GI 1000 LX 60Hz:

|                       |       |      |
|-----------------------|-------|------|
| Minimum Rated output  | 1500  | kW   |
| Maximum Rated output  | 10850 | kW   |
| Minimum gas flow rate | 151   | m3/h |
| Maximum gas flow rate | 1091  | m3/h |

|                                   |      |    |
|-----------------------------------|------|----|
| Motor rated power                 | 22   | kW |
| Electric Power Supply Phase       | 3    | N  |
| Electric Power Supply Frequency 1 | 60   | Hz |
| Electric Power Supply Current     | AC   |    |
| Electric Power Supply Voltage     | 400  | V  |
| Width                             | 1235 | mm |
| Depth                             | 2350 | mm |
| Weight                            | 530  | kg |
| Pack Width                        | 2263 | mm |
| Pack Height                       | 1500 | mm |
| Package depth                     | 1710 | mm |
| Weight of Packaging               | 640  | kg |