



GI 1000 LX 50Hz

Code: 15360010

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 50Hz:

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	50	Hz
Electric Power Supply Current	AC	
Electric Power Supply Voltage	400	V
Width	1235	mm
Depth	2350	mm
Weight	540	kg
Pack Width	2263	mm
Pack Height	1500	mm
Package depth	1710	mm
Weight of Packaging	640	kg