



GI 1000 LX ME 50Hz

Code: 66570050

Series: GI LX ME

Technical and functional features

- Two-stage progressive burners, dual fuel natural gas/heavy oil firing..
- Power modulation operation with electronic controller built into burner command apparatus (order 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).
- 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.
- Tightness gas valve control included in the sequence controller..
- Comes with 1 insulating seal to connect the burner to the application.

Design features

- Ventilating part made of steel sheeting complete with flange for anchoring boiler.
- High performance centrifugal fan.
- Air intake with butterfly gate for the regulation of the air combusting flow rate.
- Flange for connection with generator anchored with hinge for easy dismantling of flame disc.
- Combustion head complete with stainless steel nozzle and steel flame disc.
- Flame viewer.
- Three-phase electric motor to run fan.
- Air pressure switch to ensure the presence of combustion air.
- Electric servomotors for simultaneous regulation of combustion air and fuel.
- Main gas train complete with control valve, operating, safety and pilot 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.
- Microchip sequence controller (electronic cam), built-in valve tightness control and eBus connection - EN 298/TRD 604..
- Operating sequence display.
- Infra Red cel flame scanner.
- Synoptic control panel including on/off and burner off switches, operation and shutdown indicator lights.
- Terminal block for the electrical and thermostatic supply for the burner.
- Electrical plant protection rating IP40.

Technical Data - GI 1000 LX ME 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
Height	1257	mm
Depth	2060	mm
Weight	825	kg
Pack Width	2600	mm
Pack Height	1500	mm
Package depth	1710	mm
Weight of Packaging	925	kg