



TBG80 LXME 50Hz

Code: 17530020

Series: TBG LX ME



Technical and functional features

- Low NOx and CO gas-fired burners, EN676 "Classe III".
- Two-stage progressive/modulating 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).
- Gas adjustment gas by throttle valve controlled by electronically controlled step servo motor.
- Compatible with any type of combustion chamber, according to EN303 standard..
- Partial combustion gas recirculation blast-pipe with low NOx emissions (class III).
- High blowing efficiency, low electrical input, low noise.
- Ambidextrous hinged combustion head allowing an easy maintenance access without removing the burner from the boiler..
- Air capacity adjustment by means of linear opening damper using electronically controlled step servo motor.
- Automatic closure of the air damper during stand-by..
- Electrical panel that connects by 4 and 7 pole plugs/sockets provided.
- Electrical panel with protection rating of IP 55.
- Sliding boiler coupling flange to adapt to the head protrusion of the various types of boilers.
- High turndown ratio (1:5).
- Gas train inlet can be mounted either upward or downward.

Design features

- Light die-cast aluminium alloy volute.
- Centrifugal fan in light aluminum alloy.
- Three-phase light aluminum alloy electric motor. .
- Combustion air input with sound insulation and designed for optimal air damper opening linearity.
- Light die-cast aluminium alloy electrical panel.
- Control panel with display diagram for working mode with indication lights, start/stop switch, burner shutoff selector and burner unblocking button; possibility to install RWF 40 electronic modulator.
- Microchip sequence controller (electronic cam), built-in valve tightness control and eBus connection - EN 298..
- Operating sequence and fault code display.
- Ionizer electrode flame detection.
- Gas train gas with safety valve and electromagnetically activated working, minimum pressure switch, pressure regulator and gas filter.
- Error proof connectors for gas train electrical supply.

Technical Data - TBG80 LXME 50Hz:

Minimum Rated output	130	kW
Maximum Rated output	800	kW
Minimum gas flow rate	13.1	m3/h
Maximum gas flow rate	80	m3/h
Motor rated power	1.1	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	645	mm
Height	520	mm
Depth	1230	mm
Weight	59	kg
Pack Width	1080	mm
Pack Height	700	mm
Package depth	770	mm
Weight of Packaging	80	kg