



## TBG 110 LX ME 60Hz

Code: 17605420

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 - TBG 110 LX ME 380-60:

|                                   |      |      |
|-----------------------------------|------|------|
| Minimum Rated output              | 180  | kW   |
| Maximum Rated output              | 1200 | kW   |
| Minimum gas flow rate             | 18.1 | m3/h |
| Maximum gas flow rate             | 121  | m3/h |
| Motor rated power                 | 1.5  | 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                         | 645  | mm |
| Height                        | 540  | mm |
| Depth                         | 1280 | mm |
| Weight                        | 65   | kg |
| Pack Width                    | 1080 | mm |
| Pack Height                   | 700  | mm |
| Package depth                 | 770  | mm |
| Weight of Packaging           | 86   | kg |