

Burners

CODE 17780010

**TBG 260 LX ME 50HZ**



Gas burner compliant with European standard EN676. Electronic operation at two progressive stages.

Continuous modulation operation by installing P.I.D. controller in the control panel (to be ordered separately with modulation probe).

Modulation ratio 1:5.

Gas burner with low NO<sub>x</sub> and CO emissions in accordance with European standard EN676: class 3.

Regulating combustion air and blast-pipe.

Combustion air intake with throttle damper. Air flow adjustment with electric servomotor.

Combustion air intake designed to achieve optimum linearity of the air gate opening.

Fully closing air damper on shutdown to avoid loss of heat through the chimney.

Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.

Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.

Easy maintenance thanks to the two-sides hinge which allows the removal of the combustion head without having to remove the burner from the boiler.

Device made of sound-absorbing material to reduce fan noise.

CE version gas train is complete with butterfly valve, operation and safety valve with electromagnetic drive, valve tightness control, minimum pressure switch, pressure regulator and gas filter.

Fail proof connectors for burner/gas train connection

Gas train exit: high/low.

Flame detection by ionisation electrode with connector for micro amp meter.

Control panel equipped either with display showing the working process and with the keyboard for the burner adjustment.

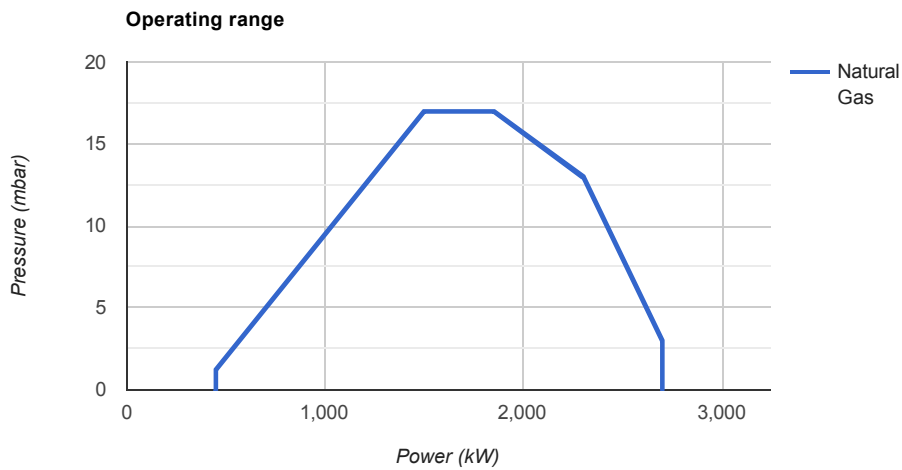
Electric control board in light alluminum alloy with IP55 protection rating

7-pole socket for burner electric and thermostatic supply.

4-pole socket for second stage control or for the connection of the PID electronic regulator.

Electrical system with protection rating IP44.

**Operating range**



## Technical data

|                                    |  |
|------------------------------------|--|
| Tipo articolo                      | Gas burner compliant with European standard EN676.<br>Electronic operation at two progressive stages.  |
| Funzionamento modulante            | Continuous modulation operation by installing P.I.D. controller in the control panel (to be ordered separately with modulation probe).   |
| Rapporto Modulazione               | Modulation ratio 1:5.  |
| Emissioni Lato Gas                 | Gas burner with low NO <sub>x</sub> and CO emissions in accordance with European standard EN676: class 3.  |
| Regolazione aria e testa           | Regulating combustion air and blast-pipe.  |
| Regolazione aria                   | Combustion air intake with throttle damper. Air flow adjustment with electric servomotor.  |
| Ingresso aria                      | Combustion air intake designed to achieve optimum linearity of the air gate opening.   |
| Chiusura aria                      | Fully closing air damper on shutdown to avoid loss of heat through the chimney.  |
| Fuel                               | Metano   |
| Operation                          | Modulante Elettronico  |
| Minimum Thermal Power (kW) to ErP  | 450  |
| Maximum Thermal Power (kW) to ErP  | 2700   |
| Min flow rate (Sm <sup>3</sup> /H) | 48   |
| Max flow rate (Sm <sup>3</sup> /H) | 286  |
| Manutenzione facilitata            | Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.  |
| Flangia                            | Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.  |
| Cerniera                           | Easy maintenance thanks to the two-sides hinge which allows the removal of the combustion head without having to remove the burner from the boiler.  |
| Antirumore                         | Device made of sound-absorbing material to reduce fan noise.   |
| Gas Train                          | CE version gas train is complete with butterfly valve, operation and safety valve with electromagnetic drive, valve tightness control, minimum pressure switch, pressure regulator and gas filter. |
| Connettore rampa gas               | Fail proof connectors for burner/gas train connection  |
| Uscita della rampa gas             | Gas train exit: high/low.  |
| Controllo fiamma                   | Flame detection by ionisation electrode with connector for micro amp meter.  |
| Quadro comandi                     | Control panel equipped either with display showing the working process and with the keyboard for the burner adjustment.  |
| Quadro comandi                     | Electric control board in light alluminum alloy with IP55 protection rating  |
|                                    | 7-pole socket for burner electric and thermostatic supply.   |

|                             |   |
|-----------------------------|---|
| Presa 4 poli                | 4-pole socket for second stage control or for the connection of the PID electronic regulator. |
| Protezione elettrica        | Electrical system with protection rating IP44.  |
| Electric power supply type  | AC  |
| No. of Phases               | 3N  |
| Power Supply Voltage (V)    | 400   |
| Power Supply Frequency (Hz) | 50  |
| Fan Motor Power (kW)        | 5,5   |
| Weight with packaging (kg)  | 108,0   |
| Width (mm)                  | 1070  |
| Depth (mm)                  | 870   |
| Height (mm)                 | 720   |