

Burners

CODE 18140015

TBG 510 LX ME V 50HZ



Gas burner compliant with European standard EN676. Pneumatic 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 1:6.

Gas burner with low NO_x 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.

Gas train CE version consisting of valve operation and safety pneumatically driven , minimum pressure switch , pressure regulator and gas filter

Possibility to choose gas train with valve tightness control.

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 with display diagram for working mode with indication lights .

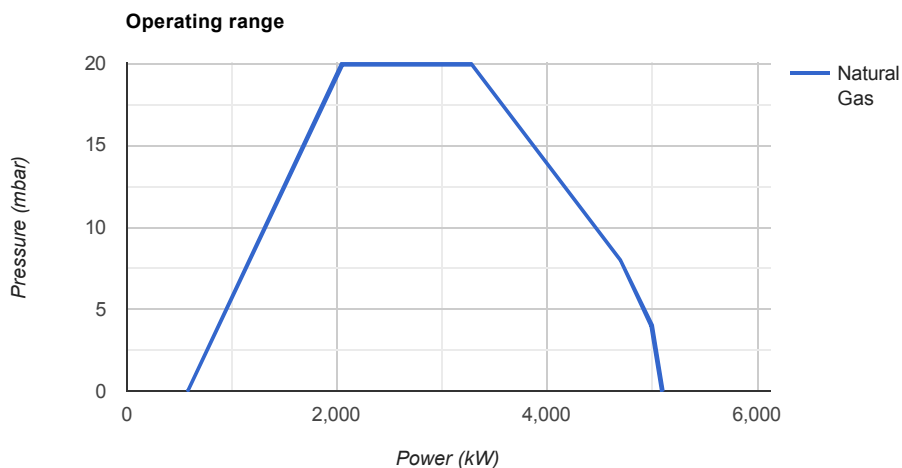
Electric control board in light alluminum alloy with IP55 protection rating

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 IP54.

Operating range



Technical data

| | |
|------------------------------------|---|
| Tipo articolo | Gas burner compliant with European standard EN676. Pneumatic 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 1:6. |
| Emissioni Lato Gas | Gas burner with low NO _x 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 | 580 |
| Maximum Thermal Power (kW) to ErP | 5100 |
| Min flow rate (Sm ³ /H) | 61 |
| Max flow rate (Sm ³ /H) | 540 |
| 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 | Gas train CE version consisting of valve operation and safety pneumatically driven , minimum pressure switch , pressure regulator and gas filter |
| Kit CTV | Possibility to choose gas train with valve tightness control. |
| 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 with display diagram for working mode with indication lights . |
| 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 IP54. |
| Electric power supply type | AC |
| No. of Phases | 3N |
| Power Supply Voltage (V) | 400 |
| Power Supply Frequency (Hz) | 50 |
| Fan Motor Power (kW) | 11 |
| Weight with packaging (kg) | 184.8 |
| Width (mm) | 1500 |
| Depth (mm) | 1150 |
| Height (mm) | 970 |