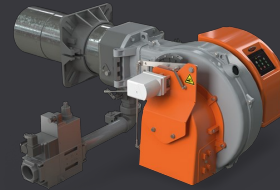


Burners

CODE 18500010

TBG 85 MC 50HZ



Gas burner compliant with European standard EN676. Mechanical 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 1:7

Gas burner with low NO_x and CO emissions in accordance with European standard EN676: class 2.

Regulating combustion air and blast-pipe.

Combustion air intake with throttle damper. Air flow adjustment with mechanical cam.

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, 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: low.

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

Control panel with display diagram for working mode with indication lights .

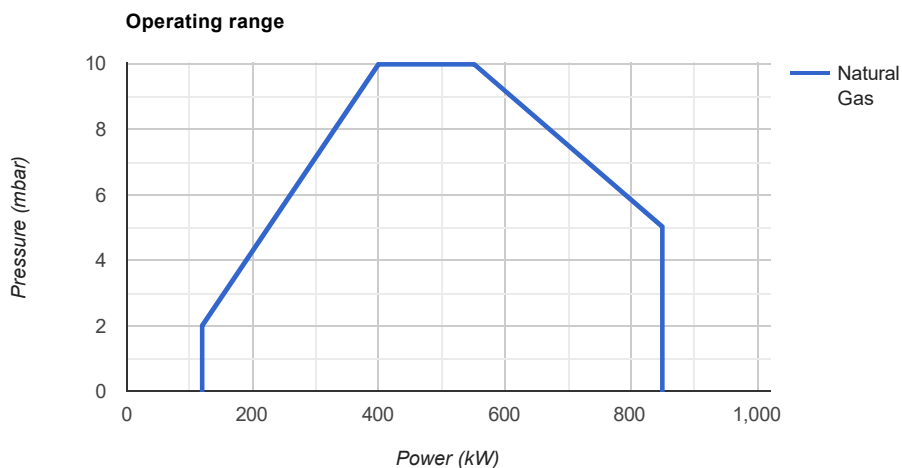
Electric control board in light alluminum alloy with IP55 protection rating

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 IP40

Operating range



Technical data

| | |
|-----------------------------------|---|
| Tipo articolo | Gas burner compliant with European standard EN676. Mechanical 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 1:7 |
| Emissioni Lato Gas | Gas burner with low NOx and CO emissions in accordance with European standard EN676: class 2. |
| Regolazione aria e testa | Regulating combustion air and blast-pipe. |
| Regolazione aria | Combustion air intake with throttle damper. Air flow adjustment with mechanical cam. |
| 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 Meccanico |
| Minimum Thermal Power (kW) to ErP | 120 |
| Maximum Thermal Power (kW) to ErP | 850 |
| 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. |
| Cemiera | 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, 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: 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. |
| Presse 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 IP40 |
| Electric power supply type | AC |
| No. of Phases | 3N |
| Power Supply Voltage (V) | 400 |
| Power Supply Frequency (Hz) | 50 |
| Fan Motor Power (kW) | 1.1 |
| Weight with packaging (kg) | 72 |
| Width (mm) | 1194 |
| Depth (mm) | 628 |
| Height (mm) | 546 |