

Burners

CODE 17210010

TBG 45 P 50HZ



Gas burner compliant with European standard EN676. Two-stage operation.

Gas burner with low NOx 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.

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.

CE version gas train is complete with 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: high/low.

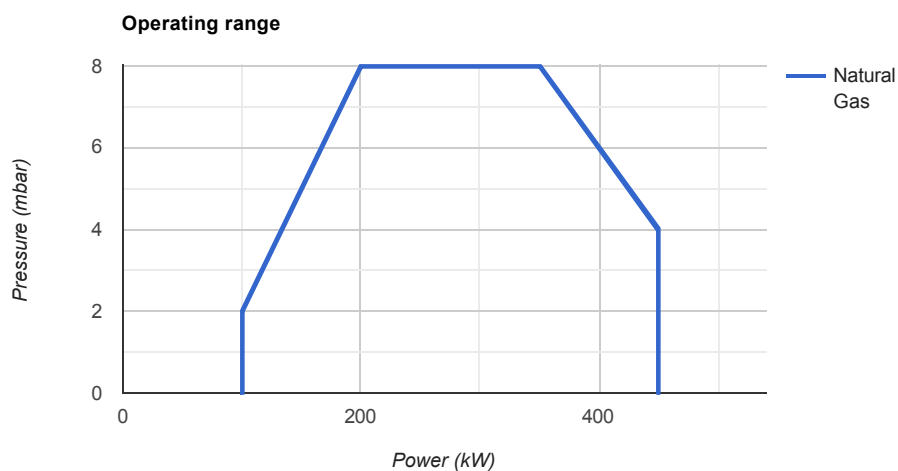
Flame detection by ionisation electrode with connector for micro amp meter.

7-pole socket for burner electric and thermostatic supply.

4-pole socket for second stage control.

Electrical system with protection rating IP44.

Operating range



Technical data

Tipo articolo

Gas burner compliant with European standard EN676. Two-stage operation.

Emissioni Lato Gas	Gas burner with low NOx 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.
Chiusura aria	Fully closing air damper on shutdown to avoid loss of heat through the chimney.
Fuel	Metano
Operation	Bistadio
Minimum Thermal Power (kW) to ErP	100
Maximum Thermal Power (kW) to ErP	450
Min flow rate (Sm³/H)	11
Max flow rate (Sm³/H)	48
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.
Rampa gas	CE version gas train is complete with 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: high/low.
Controllo fiamma	Flame detection by ionisation electrode with connector for micro amp meter.
	7-pole socket for burner electric and thermostatic supply.
Presa 4 poli	4-pole socket for second stage control.
Protezione elettrica	Electrical system with protection rating IP44.
Electric power supply type	AC
No. of Phases	1N
Power Supply Voltage (V)	230
Power Supply Frequency (Hz)	50
Fan Motor Power (kW)	0.5
Weight without packaging (kg)	32
Weight with packaging (kg)	40
Width (mm)	970
Depth (mm)	570
Height (mm)	480