

## Burners

CODE 17100010

# BTG 20 50-60HZ



Gas burner compliant with European standard EN676. Single-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. Manual adjusting of the air flow rate.

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.

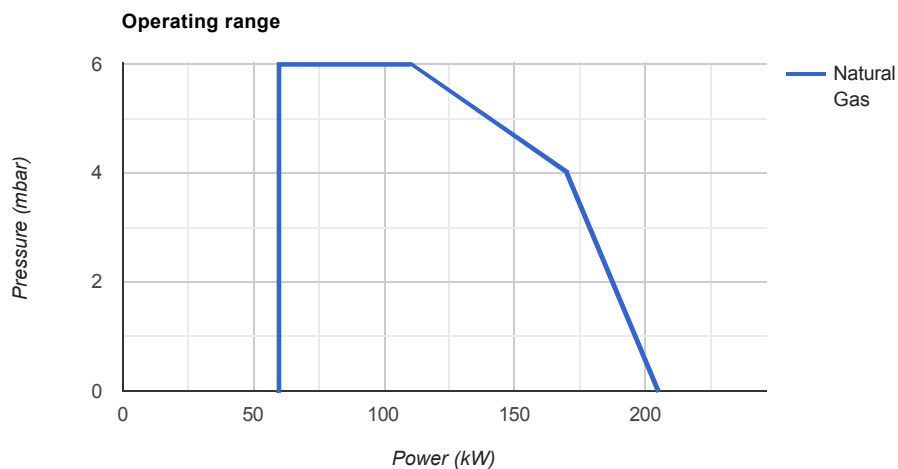
Sound-proof plastic protective cover.

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

7-pole socket for burner electric and thermostatic supply.

Electric protection rating:

## Operating range



## Technical data

Tipo articolo

Gas burner compliant with European standard EN676. Single-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. Manual adjusting of the air flow rate.                                                                       |
| Chiusura aria                     | Fully closing air damper on shutdown to avoid loss of heat through the chimney.                                                                          |
| Fuel                              | Metano                                                                                                                                                   |
| Operation                         | Monostadio                                                                                                                                               |
| Minimum Thermal Power (kW) to ErP | 60                                                                                                                                                       |
| Maximum Thermal Power (kW) to ErP | 205                                                                                                                                                      |
| Min flow rate (Sm³/H)             | 6.3                                                                                                                                                      |
| Max flow rate (Sm³/H)             | 21.7                                                                                                                                                     |
| 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.                                                                  |
| Gas Train                         | 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.                                                                                                                                    |
| Coperchio                         | Sound-proof plastic protective cover.                                                                                                                    |
| Controllo fiamma                  | Flame detection by ionisation electrode with connector for micro amp meter.                                                                              |
|                                   | 7-pole socket for burner electric and thermostatic supply.                                                                                               |
| Protezione elettrica              | Electric protection rating:                                                                                                                              |
| Electric power supply type        | AC                                                                                                                                                       |
| No. of Phases                     | 1N                                                                                                                                                       |
| Power Supply Voltage (V)          | 230                                                                                                                                                      |
| Power Supply Frequency (Hz)       | 50/60                                                                                                                                                    |
| Fan Motor Power (kW)              | 0.18                                                                                                                                                     |
| Weight without packaging (kg)     | 17                                                                                                                                                       |
| Weight with packaging (kg)        | 18                                                                                                                                                       |
| Width (mm)                        | 780                                                                                                                                                      |
| Depth (mm)                        | 370                                                                                                                                                      |
| Height (mm)                       | 410                                                                                                                                                      |