

Burners

CODE 17120020

BTG 20 ME 50-60HZ



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 1:3.

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.

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 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.

Sound-proof plastic protective cover.

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

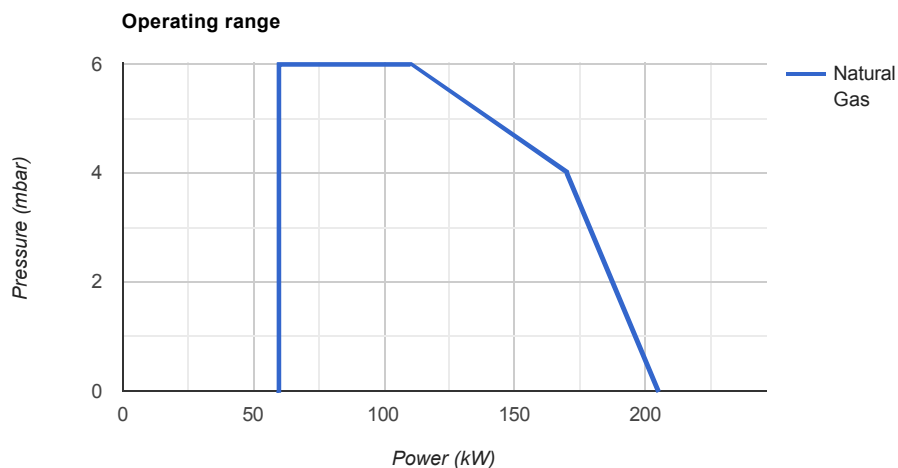
Control panel equipped either with display showing the working process and with the keyboard for the burner adjustment.

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.

Electric protection rating:

Operating range



Technical data

Tipo articolo	Gas burner compliant with European standard EN676. 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 1:3.
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	Modulante Elettronico
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 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.
Coperchio	Sound-proof plastic protective cover.
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.
	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	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