



## BTG 6 50-60Hz

Code: 17040010

Series: BTG

### Technical and functional features

- Single stage operation (on/off).
- Compatible with any type of combustion chamber.
- Air-gas mixing at blast-pipe.
- Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.
- Exhaust gas recycling blast-pipe able to achieve very low pollutant emissions, particularly with regard to nitrous oxides (NOx) (class II for BTG 15 and class III for BTG 20 according to EN 676 norm).
- Maintenance facilitated by the fact that the mixing unit can be removed without having to remove the burner from the boiler.
- Manual air flow adjustment.
- Possibility to chose gas train with valve tightness control.
- Comes with a 7-poles connector, 1 flange and 1 insulating seal to connect the burner to the application.

### Design features

- Light aluminium alloy fan part.
- High performance centrifugal fan.
- Combustion air inlet with device to adjust the air flow; automatically closing air gate.
- Sliding boiler coupling flange to adapt the head protrusion to the various types of boilers.
- Adjustable blast-pipe with stainless steel nozzle and deflector disk in steel.
- Monophase electric motor to run fan.
- Air pressure switch to ensure the presence of combustion air.
- Gas train complete with operation and safety valve, minimum pressure switch, pressure regulator and gas filter.
- Sequence controller - EN 298..
- Flame scanning by ionisation electrode.
- 7 pole outlet for burner electrical and thermostat supply.
- Prepared for microamperometer connection with ionisation cable.
- Electrical plant protection rating IP40.
- Sound-proof plastic protective cover.

### Technical Data - BTG 6 50-60Hz:

Minimum Rated output	30.6	kW
Maximum Rated output	56.3	kW
Minimum gas flow rate	3.1	m3/h
Maximum gas flow rate	5.7	m3/h
Motor rated power	0.1	kW
Electric Power Supply Phase	1	N
Electric Power Supply Frequency 1	50	Hz
Electric Power Supply Frequency 2	60	Hz
Electric Power Supply Current	AC	
Electric Power Supply Voltage	230	V
Width	245	mm
Depth	410	mm

Weight	10.75	kg
Pack Width	540	mm
Pack Height	320	mm
Package depth	300	mm
Weight of Packaging	12	kg