



BTG 6 P 50-60Hz

Code: 17050010

Series: BTG P

Technical and functional features

- Two-stage operation (high/low flame).
- 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.
- Combustion head with recirculation of combusted gases permitting achievement of very low levels of pollutant emissions, particularly nitrogen oxides (NOx) (class III for BTG 20P and class II for BTG 28P under standard EN676).
- Maintenance facilitated by the fact that the mixing unit can be removed without having to remove the burner from the boiler.
- Air flow regulation for first and second stage by means of electric servomotor with pause closure of gate to prevent any heat dispersion to flue.
- Possibility to choose gas train with valve tightness control.
- Comes with 4 and 7-poles connectors, 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, and 4 pole outlet for second stage control.
- Prepared for microammeter connection with ionisation cable.
- Electrical plant protection rating IP40.
- Sound-proof plastic protective cover.

Technical Data - BTG 6 P 50-60Hz:

Minimum Rated output	30.6	kW
Maximum Rated output	56.3	kW
Minimum gas flow rate	3.1	m ³ /h
Maximum gas flow rate	5.7	m ³ /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