



BGN 300 DSPGNME 50Hz

Code: 16840020

Series: BGN DSPGN ME

Technical and functional features

- Two-stage progressive output operation.
- Ability to operate with output modulation by means of automatic RWF40 regulator mounted on the control panel (order separately with the specific modulation kit).
- 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.
- Maintenance facilitated by the fact that the mixing unit can be removed without having to remove the burner from the boiler.
- Minimum and maximum 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.
- Tightness gas valve control, EN676.
- Comes with 1 flange and 1 insulating seal to connect the burner to the application.

Design features

- Light aluminium alloy fan part.
- High performance centrifugal fan.
- Air intake with butterfly gate for the regulation of the air combusting flow rate.
- 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.
- Flame viewer.
- Three-phase electric motor to run fan.
- Air pressure switch to ensure the presence of combustion air.
- Electric servo step motors for simultaneous control of combustion air and fuel.
- Gas train complete with control, operating and safety valve, valve tightness control, minimum pressure switch, pressure regulator and gas filter.
- Microchip sequence controller (electronic cam), built-in valve tightness control and eBus connection - EN 298..
- Operating sequence, modulating ratio, lockout fault code display.
- Flame scanning by ionisation electrode.
- Synoptic control panel with led of operation and block and burner off, block indicators, keyboard for electronic cam pianification.
- 7 poles plug for the auxiliary feeding and for the thermostatic connection, presa a 4 poli per il collegamento del regolatore elettronico di potenza.
- Electrical plant protection rating IP40.

Technical Data - BGN 300 DSPGNME 50Hz:

Minimum Rated output	657	kW
Maximum Rated output	2982	kW
Minimum gas flow rate	66	m3/h
Maximum gas flow rate	300	m3/h
Motor rated power	7.5	kW
Electric Power Supply Phase	3	N
Electric Power Supply Frequency 1	50	Hz

Electric Power Supply Current	AC	
Electric Power Supply Voltage	400	V
Width	875	mm
Depth	1850	mm
Weight	215	kg
Pack Width	2030	mm
Pack Height	990	mm
Package depth	1210	mm
Weight of Packaging	286	kg