

GI 850 DSPGN ME

WHILE STOCK LASTS

kW

From 1200 to 8500 kW

Conform to:
 Gas Directive 2009/142/CE
 E.M.C. Directive 89/336/CEE
 L.V. Directive 73/23/CEE
 Reference standard: EN676



TECHNICAL AND FUNCTIONAL CHARACTERISTICS

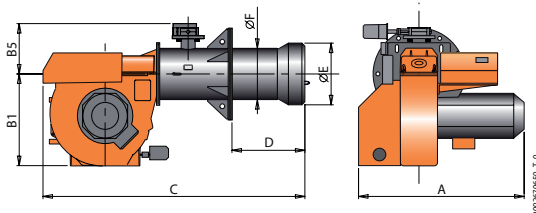


- Gas-fired burner CE certified according to standard EN676.
- Two-stage progressive output operation.
- Continuous modulation operation by installing P.I.D. controller on control panel (to be ordered separately with modulating kit).
- Partial combustion gas recirculation blast-pipe with low NOx emissions (class II according to standard EN 676).
- 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.
- Valves tightness control device compliant with European standard EN676.
- Gas train exit from the top or from the bottom.

CONSTRUCTION CHARACTERISTICS

The burner consists of:

- Air intake with butterfly gate for the regulation of the air combusting flow rate.
 - Flame viewer.
 - Air pressure switch to ensure the presence of combustion air.
 - Burner automatic command and control equipment with microprocessor (electronic cam) in compliance with European standard EN298, with valve tightness control and eBus connection. Display for operating sequence and error code in the event of a lockout.
 - Flame detection by ionisation electrode.
 - Synoptic control panel with stop/go switch
- and burner off, block indicators, keyboard for electronic cam pianification.
- 4 poles outlet for the connection of the capacity electronic regulator.
 - Electrical protection rating IP40.
- To be ordered separately:
- Gas train complete with control, operating and safety valve, valve tightness control, minimum pressure switch, pressure regulator and gas filter.



Model	A mm	B 1 mm	B 5 mm	C mm	D mm	E mm	F mm
GI 850 DSPGN ME	1180	660	350	2000	600	416	355

Thermal output kW	Model	Part no.	Electrical supply	Motor kW	Size of packaging L x P x H mm	Weight kg	Notes
1200 ÷ 8500	GI 850 DSPGN ME	66450010	3N AC 50Hz 400V	22	2260 x 1520 x 1150	550	4) 13)

Modulating mode

Part.no
98000055 Modulation kit (see page 228)
Modulating probe kit (see page 228)

Accessories available on request

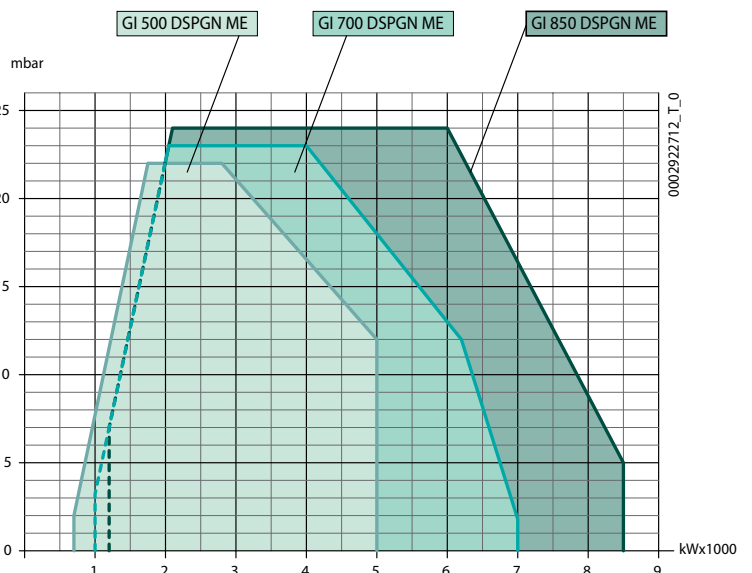
Part no.
97980058 Soundproof burner cover (see page 245)

Gas burner accessories

Boiler coupling kit

Notes

- 4) Equipped with air closure device.
 13) Equipped with valve tightness control.
 **) Maximum gas inlet pressure at pressure regulator.
 Net calorific value of natural gas: Hi = 35,80 MJ/m³ = 8550 kcal/m³, at reference conditions of 0°C, 1013 mbar.



Burner gas/train match

CE gas train version complies with EN676, EXP gas train version is for extra-European markets

Burner model	Gas type	Version	Curve on graph	P.Max** mbar	Gas train Part no.	Regulator with incorporated filter Part no.	Burner/gas train adapter Part no.	Valve tightness control kit Part no.	Pic.	Notes
GI 850 DSPGN ME	NATURAL GAS	CE/EXP	110A	500	19990543	Included	-	Included	D4	
			110B	500	19990544	Included	-	Included	D4	

To check the standard gas train output see page 10.

For information on the structure, composition, and size of the gas train please refer to the diagrams on page 232.

