

Ecoflam burner BLU

Technical data

Models	Output max		Output min		Gas pressure	Power supply	Motor	Class	Operation
	kW	kcal / hx1000	kW	kcal / hx1000	mbar	V	W	NOx	
BLU 350.1 Low NOx	350	301	100	126,42	17 ÷ 500	230	0,3	3	P-P AB-PR
BLU 400.1	400	345	100	126,42	18 ÷ 500	230	0,3	2	P-P AB-PR
BLU 500.1 Low NOx	500	430	230	197,8	17 ÷ 500	230/400	0,55	3	P AB-PR-MD
BLU 500.1	500	430	180	155,2	15 ÷ 500	230/400	0,55	2	P AB-PR-MD
BLU 700.1 Low NOx	700	602	270	232,2	15 ÷ 500	230/400	0,74	3	P AB-PR-MD
BLU 700.1	700	602	225	194	15 ÷ 500	230/400	0,74	2	P AB-PR-MD
BLU 1000.1 Low NOx	875	752,5	280	240,8	30 ÷ 500	230/400	1,1	3	P AB-PR-MD
BLU 1000.1	970	836,2	245	211,2	25 ÷ 500	230/400	1,1	2	P AB-PR-MD
BLU 1200.1 Low NOx	1.100	946	290	249,4	20 ÷ 600	230/400	2,2	3	P AB-PR-MD
BLU 1200.1	1.200	1034,5	260	224,14	25 ÷ 600	230/400	2,2	2	P AB-PR-MD
BLU 1500.1 Low NOx	1.550	1336,2	300	259	30 ÷ 700	230/400	3	3	P AB-PR-MD
BLU 1700.1	1.770	1.526	342	295	20 ÷ 700	230/400	3	2	P AB-PR-MD
BLU 2000.1	2.150	1.853,45	414	356,9	23 ÷ 700	230/400	4	2	P AB-PR-MD

• Fuel : Natural Gas (L.C.V. 8.570 kcal/Nm3), LPG (L.C.V. 22.260 kcal/Nm3)



บริษัท เอบีบี เฟอร์เนส จำกัด

ABB FURNACE CO., LTD

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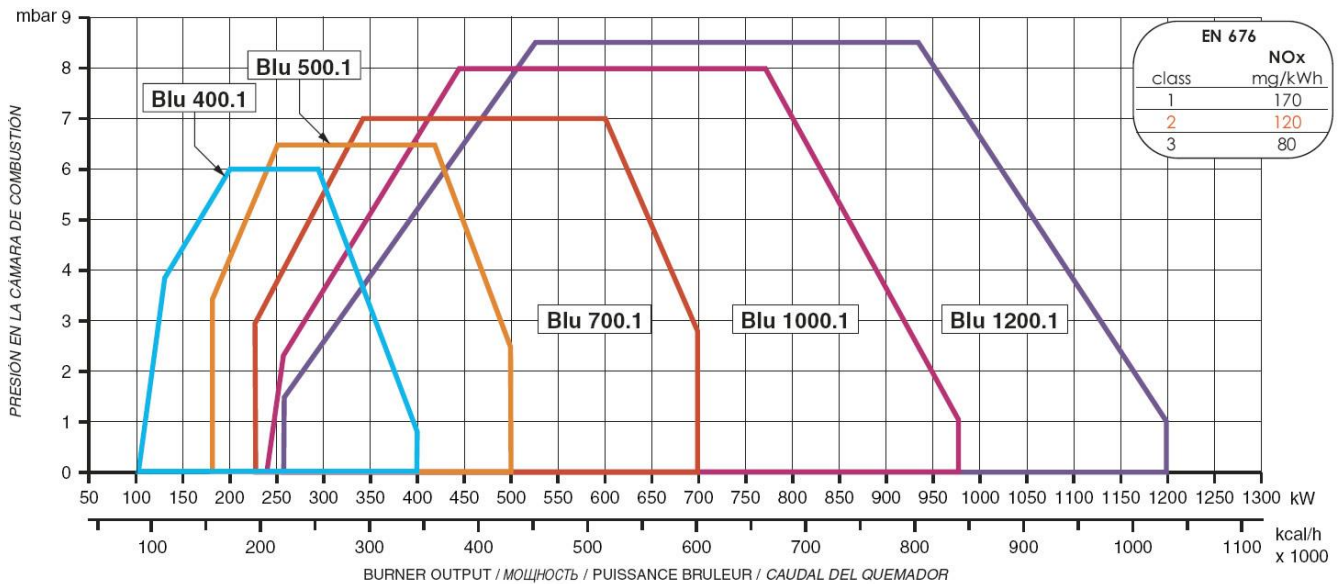
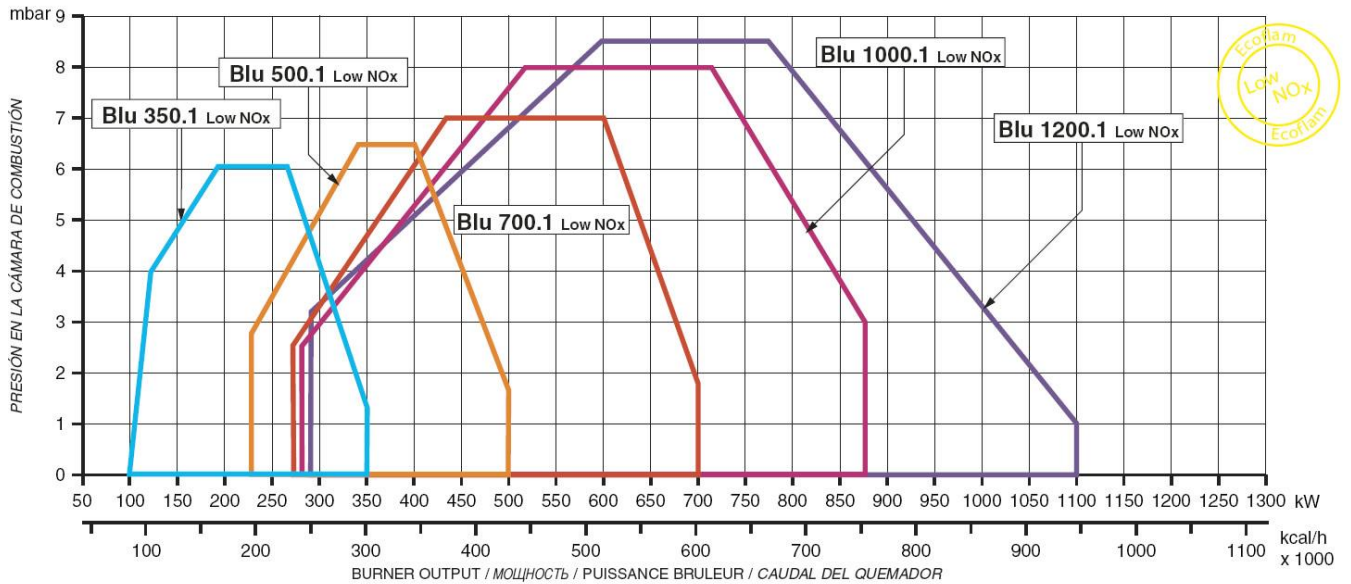
http://www.abb-furnace.com E-mail: sales@abb-furnace.com

Main features

- Aluminium casing up to Blu 2000.1 and steel casing from 3000.1 with electrical panel integrated on the burner (standard IP40). Version in loosen form or with remote switch cabinet on request (IP54).
- New high efficiency fan ventilator designed to give flame stability and easy matching.
- Adjustable combustion head for fine tuning / matching with different shapes of combustion chamber.
- Easy maintenance of firing head from the burner top cover.
- Low NOx version available in class 3 < 80mg/kWh and in class 2 < 120mg/kWh as per EN676.
- Hi - Low version with easy and fast butterfly ratio system available from Blu 500.1 up to Blu 2000.1.
- Progressive version with "mechanical movable head" with turndown 1: 5 (standard turndown 1:3).
- Modulating version with PID system controller with digital set point display and real time value (PID RWF 40 or LMV 51/52).
- Firing head with adjustable system for primary air that changes according to the output required.
- On request tailored solutions of flame shape.
- Duoblock range 180 - 25000 kW.
- Continuous ventilation on request.
- Version for LPG, BIOGAS and TOWNGAS on request.
- Special version for all type of applications and fuel characteristics on request.



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EN 676	
class	NOx mg/kWh
1	170
2	120
3	80



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