

Ecoflam

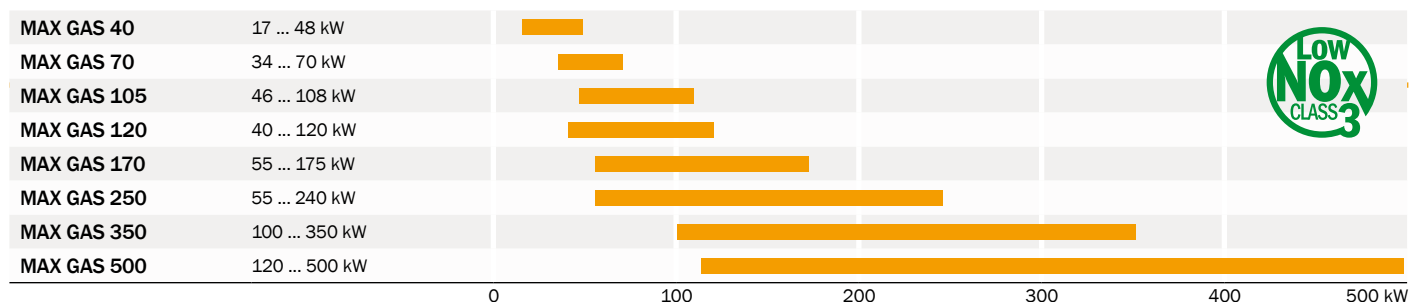
GAS RANGE

MAX GAS



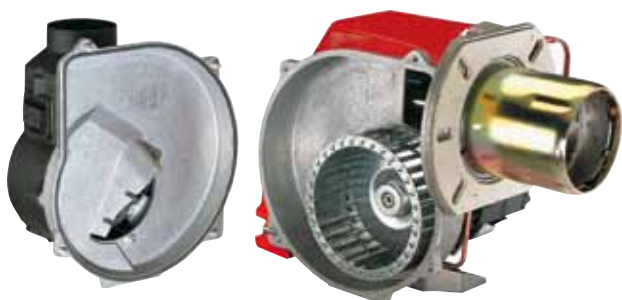
www.ecoflam-burners.com

RANGE OVERVIEW

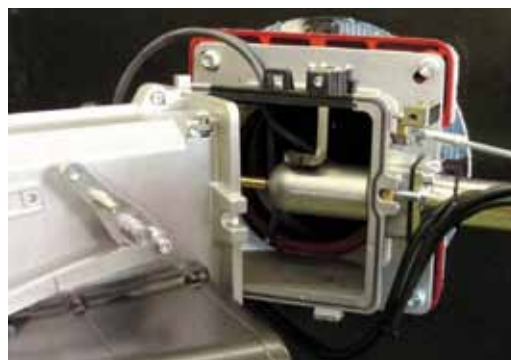


MAIN FEATURES

- Two stage PAB models available with different burner controllers, with or without digital informative display
- High efficiency fan ventilation system (HPV) allowing easy burner-boiler matching even with high combustion chamber pressure
- Combustion head easy to assemble and adjust
- The hinge flange allows easy access to the combustion head without losing the original settings (MAX GAS 350 and MAX GAS 500)
- All models are available to work with 50 and 60 Hz electrical frequency



High efficiency fan ventilation system (HPV)



Hinge flange (MAX GAS 350 and MAX GAS 500)



CONFIGURATIONS

MAX GAS range is available in the following operation modes:

MAX GAS ... P	One stage Low NOx Class 3	All models
MAX GAS ... PAB	Two stages Low NOx Class 3	MAX GAS 120...500
MAX GAS ... PR	Two stage progressive/modulating mechanical Low NOx Class 3	MAX GAS 350-500

Other available configurations:

- Progressive versions are available for MAX GAS 350 and MAX GAS 500 and can be transformed into modulating with an optional kit
- LPG versions
- Continuous ventilation versions
- High temperature versions
- OEM and other special versions on request according to feasibility

FUEL

- Natural gas (G20, G25 according to EN676)
- LPG

EMISSIONS

Class	NOx mg/kWh
1	170
2	120
3	80

All models are in compliance with EN 676 European Standard

CONFORM TO

- All products are in accordance with the following directives:
- 2006/42/EC Machinery Directive
 - 2014/30/UE EMC Directive
 - 2014/35/UE Low Voltage Directive
 - 2009/142/CEE Gas Appliances Directive



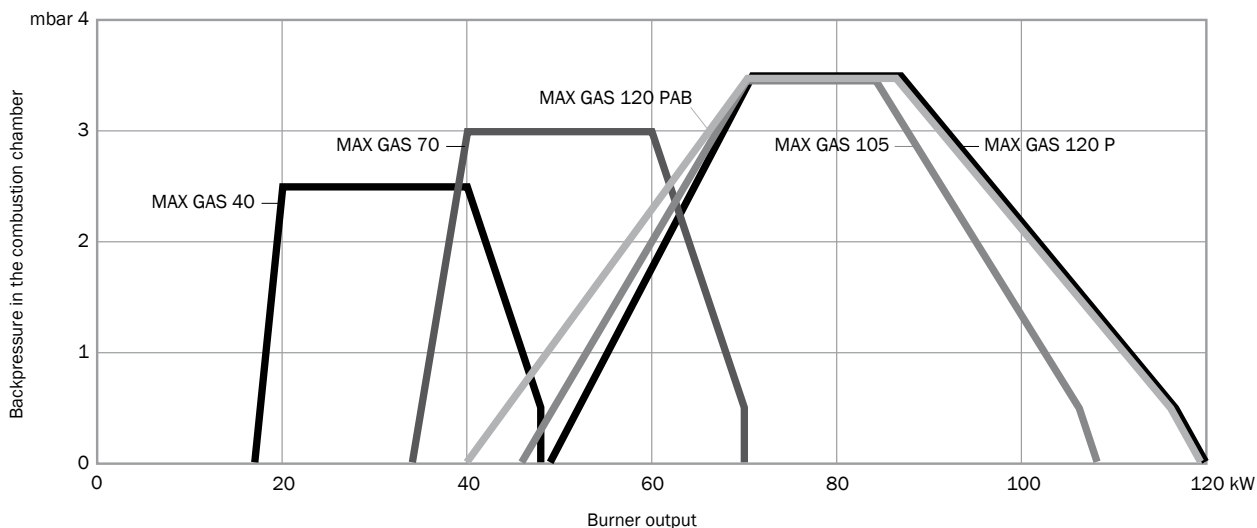
Range Models

MAX GAS 40 - 70 - 105 - 120

- Fuels: natural gas, LPG
- Operation: one stage; model MAX GAS 120 available also in two stage operation
- Emission class: Low NOx class 3 (≤ 80 mg/kWh) according to EN676



WORKING DIAGRAM



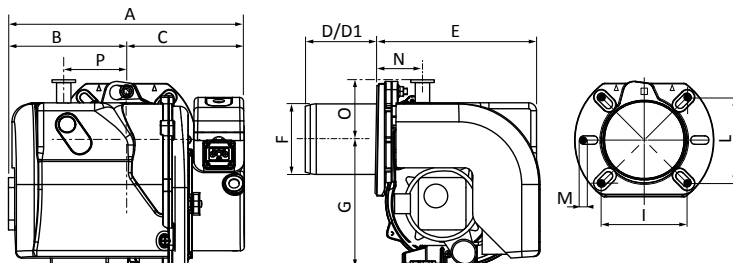
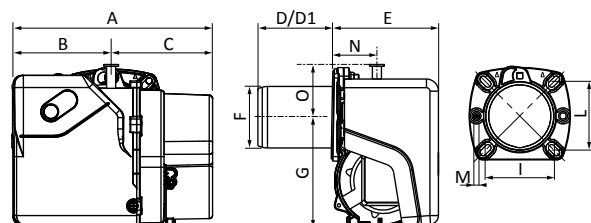
TECHNICAL DATA

	Burner output (kW)	Power supply	Motor (W)	NOx class	Operation
MAX GAS 40 P	17 - 48	1/230V/50-60Hz	75	Class 3	P
MAX GAS 70 P	34 - 70	1/230V/50-60Hz	75	Class 3	P
MAX GAS 105 P	46 - 108	1/230V/50-60Hz	75	Class 3	P
MAX GAS 120 P	49 - 120	1/230V/50-60Hz	75	Class 3	P
MAX GAS 120 PAB	40 - 120	1/230V/50-60Hz	75	Class 3	PAB

OVERALL DIMENSIONS

MAX GAS 40

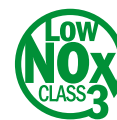
MAX GAS 70 - 105 - 120



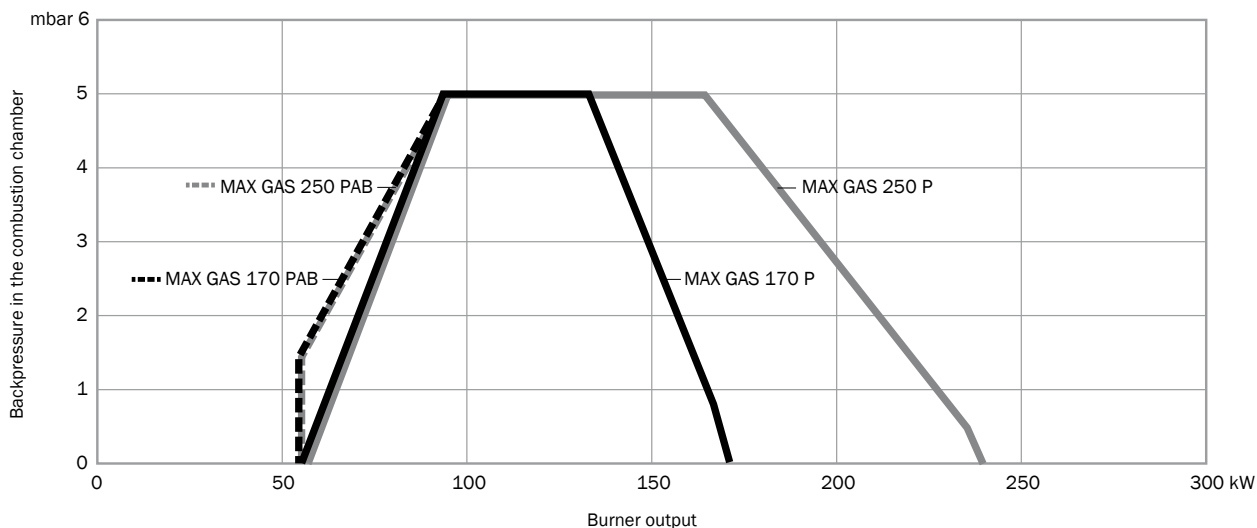
Dimensions in mm
 Head lenght: D short / D1 long

	A	B	C	D	D1	E	F	G	I	L	M	N	O	P
MAX GAS 40 P	288	143	145	85	185	153	89	160	92/107	92/107	M8	54	73	-
MAX GAS 70 P	303	155	148	85	185	204	89	160	100/120	100/120	M8	52	71	82
MAX GAS 105 P	317	169	148	140	220	204	89	160	100/120	100/120	M8	52	71	82
MAX GAS 120 P	317	169	148	160	240	204	98	160	100/120	100/120	M8	52	71	82
MAX GAS 120 PAB	317	169	148	160	240	282	98	160	100/120	100/120	M8	52	71	82

- Fuels: natural gas, LPG
- Operation: one stage or two stages
- Emission class: Low NOx class 3 (≤ 80 mg/kWh) according to EN676



WORKING DIAGRAM



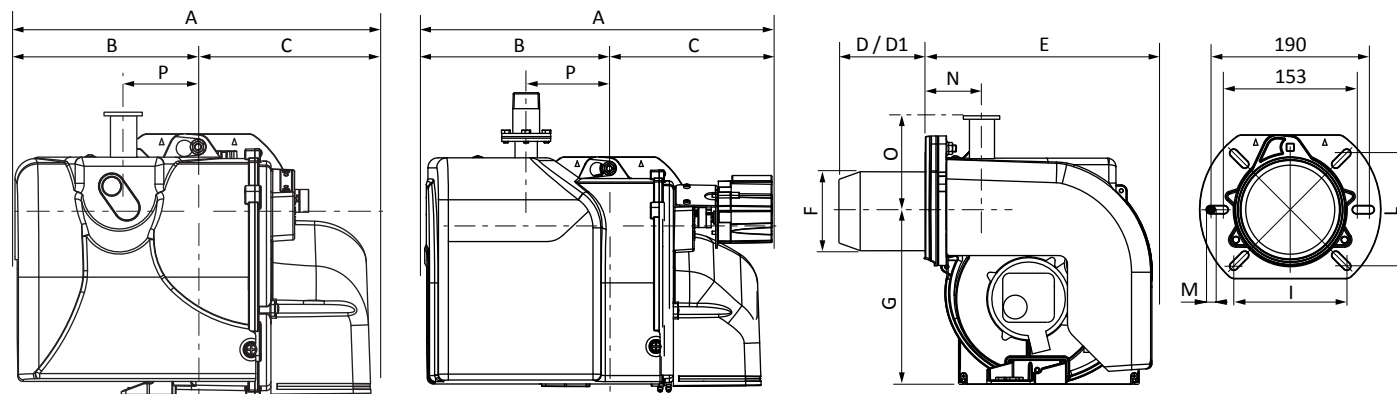
TECHNICAL DATA

	Burner output (kW)	Power supply (V)	Motor (W)	NOx class	Operation
MAX GAS 170	55 - 170	1/230V/50Hz	200	Class 3	P, PAB
MAX GAS 250	55 - 240	1/230V/50Hz	200	Class 3	P, PAB

OVERALL DIMENSIONS

MAX GAS 170/250 P

MAX GAS 170/250 PAB



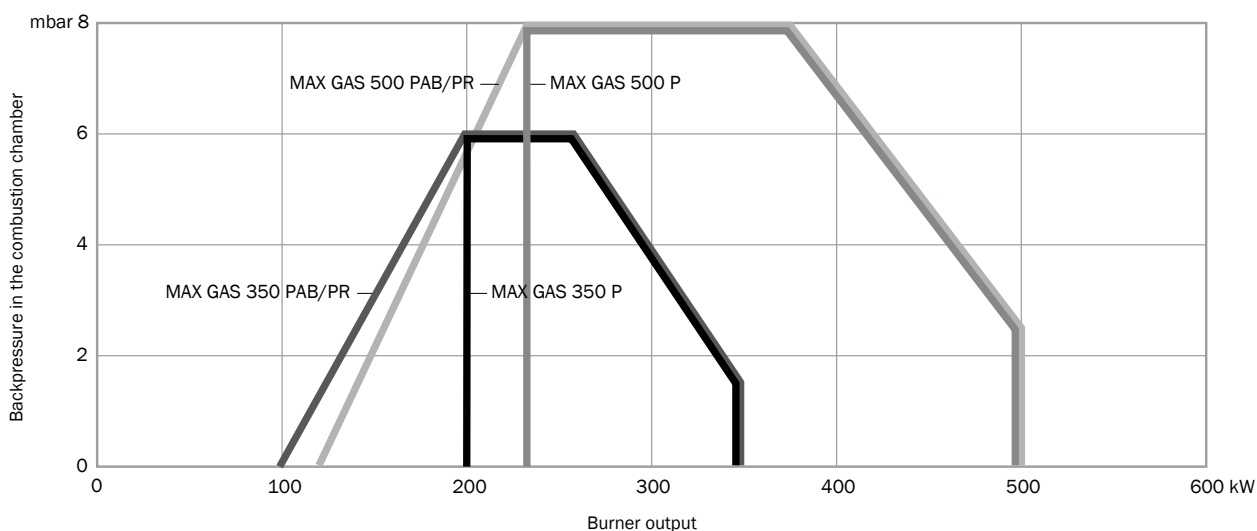
Dimensions in mm
 Head lenght: D short / D1 long

	A	B	C	D	D1	E	F	G	I	L	M	N	O	P
MAX GAS 170/250 P	392	202	190	180	280	280	125	201	106/130	106/130	M8	73	110	104
MAX GAS 170/250 PAB	435	231	204	180	280	301	125	201	106/130	106/130	M8	73	110	104

- Fuels: natural gas, LPG
- Operation: one stage, two stages, two stage progressive or modulating with the installation of a power regulator and dedicated probes (see page 102)
- Emission class: Low NOx class 3 (≤ 80 mg/kWh) according to EN676



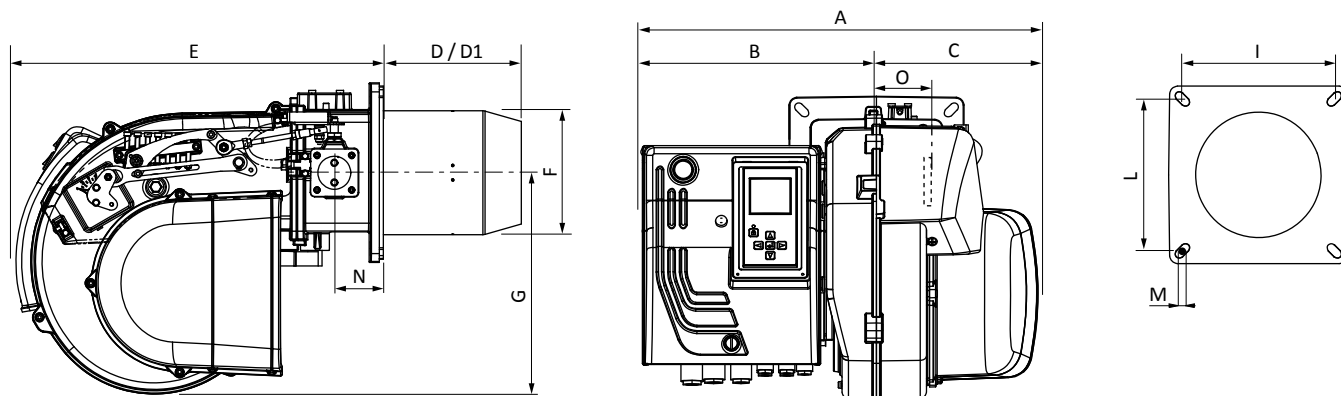
WORKING DIAGRAM



TECHNICAL DATA

	Burner output (kW)	Power supply	Motor (W)	NOx class	Operation
MAX GAS 350 P	205 - 350	1/230V/50Hz	300	Class 3	P
MAX GAS 500 P	240 - 500	3/230-400V/50Hz	550	Class 3	P
MAX GAS 350 PAB	100 - 350	1/230V/50Hz	300	Class 3	PAB
MAX GAS 500 PAB	120 - 500	3/230-400V/50Hz	550	Class 3	PAB
MAX GAS 350 PR	100 - 350	1/230V/50Hz	300	Class 3	PR
MAX GAS 500 PR	120 - 500	3/230-400V/50Hz	550	Class 3	PR

OVERALL DIMENSIONS



Dimensions in mm
 Head length: D short / D1 long

	A	B	C	D	D1	E	F	G	I	L	M	N	O
MAX GAS 350/500 P	485	277	208	175	335	466	157	280	185/200	185/200	M8	62	101
MAX GAS 350/500 PAB	510	302	208	175	335	500	157	280	185/200	185/200	M8	62	101
MAX GAS 350/500 PR	510	302	208	175	335	500	157	280	185/200	185/200	M8	62	101

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Version 1.1 - 02/10/2017

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