

Ecoflam

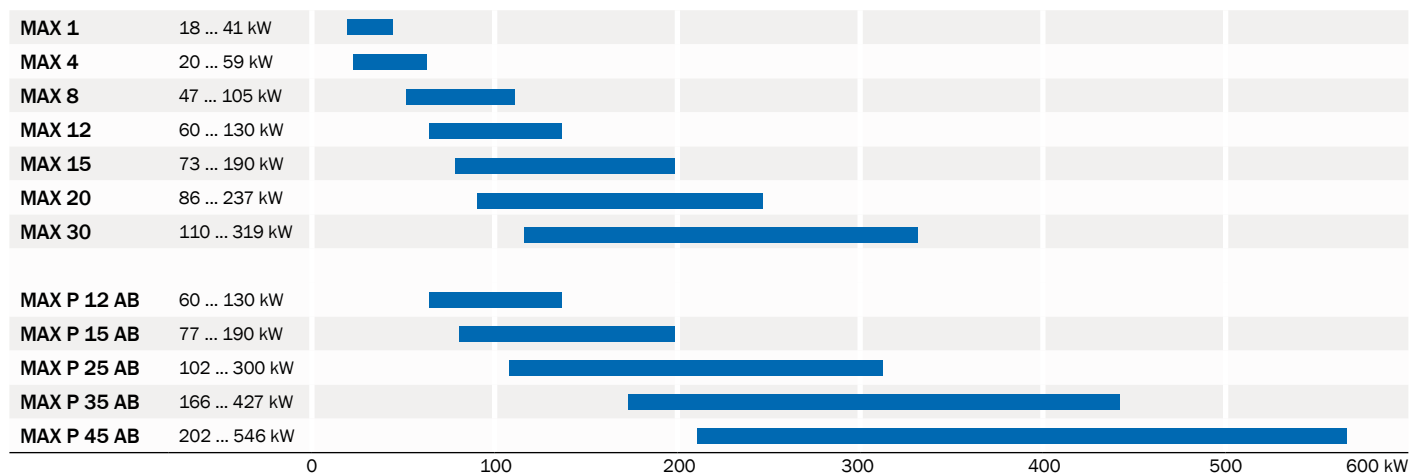
LIGHT OIL RANGE

MAX



www.ecoflam-burners.com

RANGE OVERVIEW



MAIN FEATURES

- High efficiency fan ventilation system (HPV) allowing easy matching with boilers having high combustion chamber back pressure
- Electrical wiring simple to disassemble for easy maintenance
- Combustion head easy to assemble and adjust
- The hinge flange allows easy access to burner head without losing burner settings (MAX 35 and MAX 45)
- Models from MAX 1 to MAX 12 work with 50-60 Hz electrical frequency



CONFIGURATIONS

MAX range is available in the following operation modes:

MAX	One stage	All models
MAX P ... AB	Two stages	MAX P 35 AB - P 45 AB
MAX P ... AB HS	Two stages with hydraulic jack	MAX P 12 AB HS ... P 45 AB HS

Other available configurations:

- Continuous ventilation versions
- High temperature versions
- Versions with specific pump for light oil with maximum viscosity 5° E at 20 °C
- OEM and other special versions on request according to feasibility

FUEL

- Light oil (viscosity from 1,6 cSt to 6 cSt at 20 °C)

EMISSIONS

Class	NOx mg/kWh
1	250
2	185
3	120

All models are in compliance with EN 267 European Standard

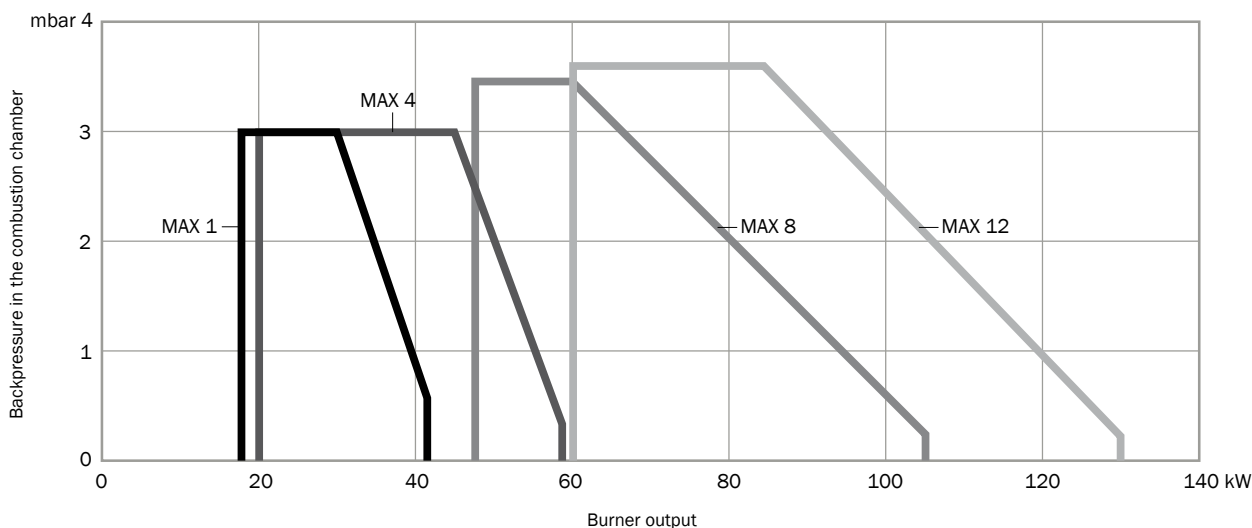
CONFORM TO

- 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



- Fuel: light oil (viscosity from 1,6 cSt to 6 cSt at 20 °C)
- Operation: one stage
- Emission class: Low NOx class 2 (≤ 185 mg/kWh) according to EN267

WORKING DIAGRAM



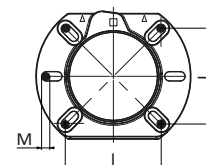
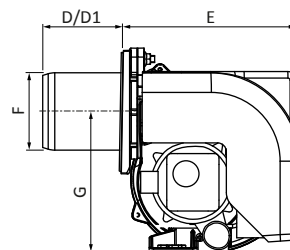
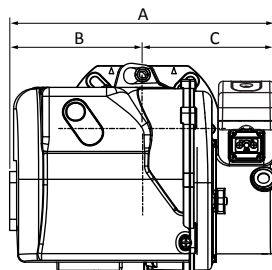
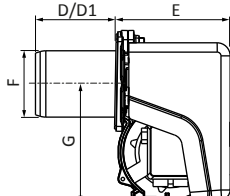
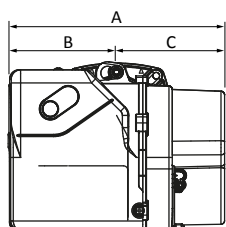
TECHNICAL DATA

	Burner output (kW)	Flow rate (kg/h)	Power supply	Motor (W)	NOx class	Operation
MAX 1	18 - 41	1,5 - 3,5	1/230V/50-60Hz	75	Class 2	1 stage
MAX 4	20 - 59	1,7 - 5	1/230V/50-60Hz	75	Class 2	1 stage
MAX 8	47 - 105	4 - 8,9	1/230V/50-60Hz	100	Class 2	1 stage
MAX 12	60 - 130	5,1 - 11	1/230V/50-60Hz	130	Class 2	1 stage

OVERALL DIMENSIONS

MAX 1

MAX 4 - 8 - 12

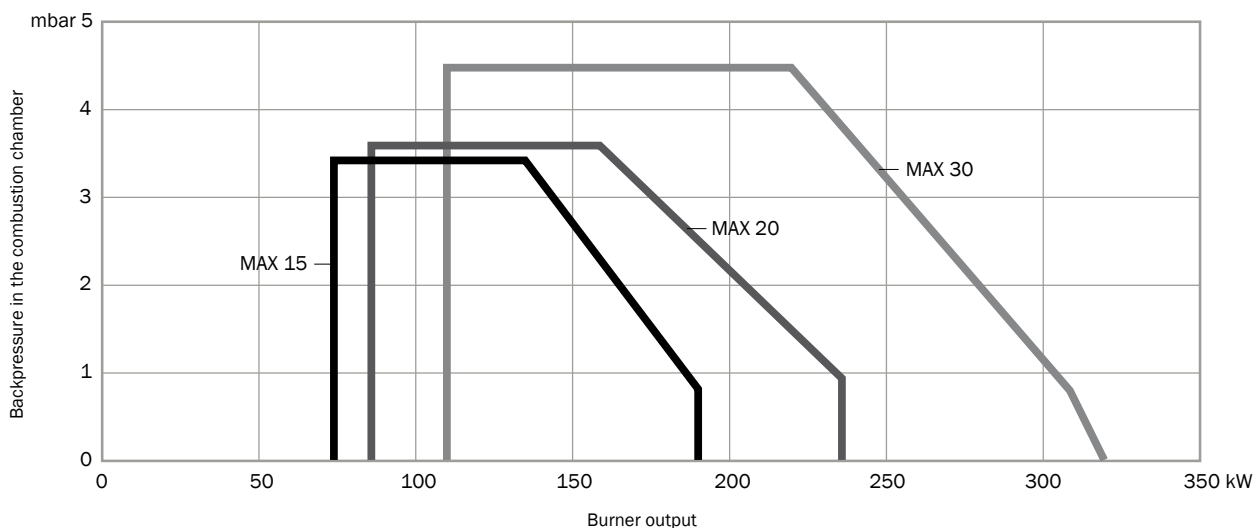


Dimensions in mm
 Head lenght: D short / D1 long

	A	B	C	D	D1	E	F	G	I	L	M
MAX 1	288	143	145	80	140	153	89	160	92/107	92/107	M8
MAX 4	297	149	148	90	145	204	89	160	90/107	90/107	M8
MAX 8	303	155	148	90	145	204	89	160	100/120	100/120	M8
MAX 12	317	169	148	100	155	204	98	160	100/120	100/120	M8

- Fuel: light oil (viscosity from 1,6 cSt to 6 cSt at 20 °C)
- Operation: one stage
- Emission class: Low NOx class 2 (≤ 185 mg/kWh) according to EN267

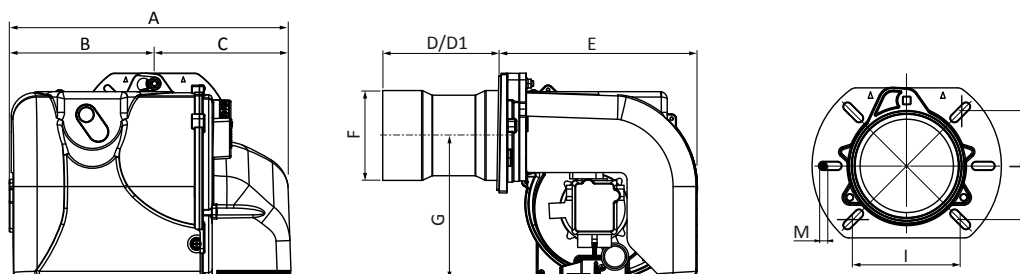
WORKING DIAGRAM



TECHNICAL DATA

	Burner output (kW)	Flow rate (kg/h)	Power supply	Motor (W)	NOx class	Operation
MAX 15	73 - 190	6,2 - 16	1/230V/50Hz	130	Class 2	1 stage
MAX 20	86 - 237	7,3 - 20	1/230V/50Hz	200	Class 2	1 stage
MAX 30	110 - 319	9,3 - 27	1/230V/50Hz	200	Class 2	1 stage

OVERALL DIMENSIONS



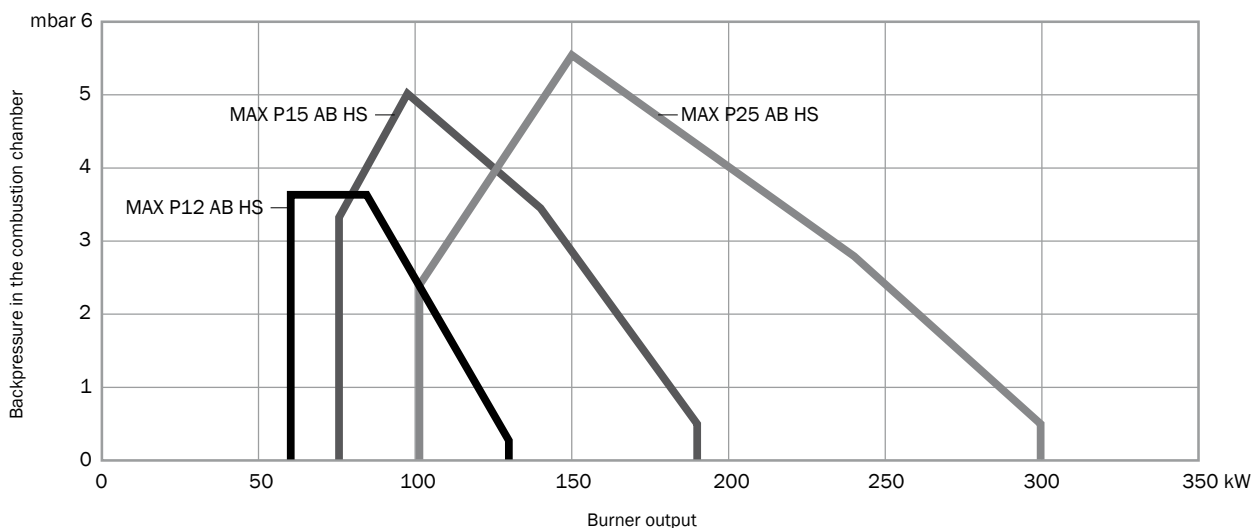
Dimensions in mm
 Head lenght: **D** short / **D1** long

	A	B	C	D	D1	E	F	G	I	L	M
MAX 15	392	202	190	160	260	276	107	201	120/131	120/131	M8
MAX 20	392	202	190	160	260	276	125	201	120/131	120/131	M8
MAX 30	392	202	190	160	260	276	125	201	120/131	120/131	M8

Range | Models
MAX | P 12 HS - P 15 HS - P 25 HS

- Fuel: light oil (viscosity from 1,6 cSt to 6 cSt at 20 °C)
- Operation: two stages with hydraulic jack
- Emission class: Low NOx class 2 (≤ 185 mg/kWh) according to EN267

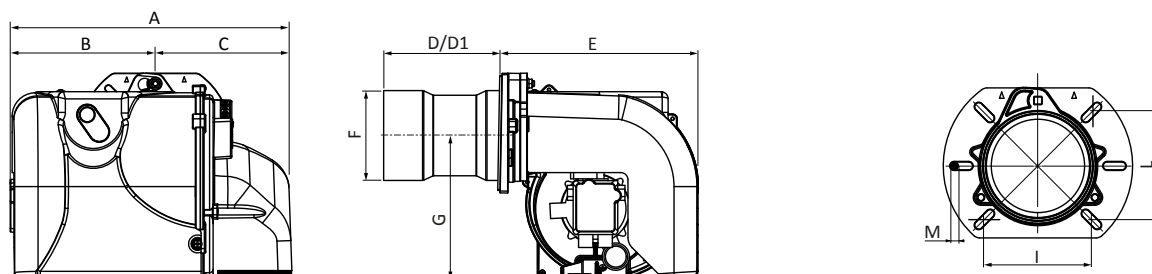
WORKING DIAGRAM



TECHNICAL DATA

	Burner output (kW)	Flow rate (kg/h)	Power supply	Motor (W)	NOx class	Operation
MAX P 12 AB HS	60 - 130	5,1 - 11	1/230V/50-60Hz	130	Class 2	P AB HS
MAX P 15 AB HS	77 - 190	6,5 - 16	1/230V/50Hz	130	Class 2	P AB HS
MAX P 25 AB HS	102 - 300	8,6 - 25,4	1/230V/50Hz	200	Class 2	P AB HS

OVERALL DIMENSIONS

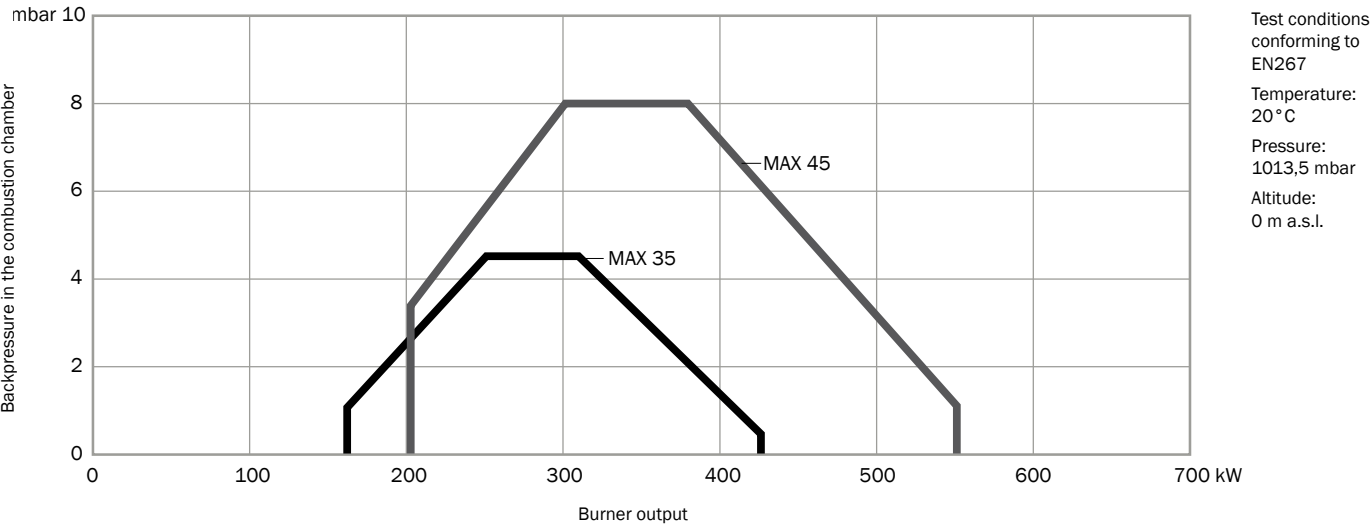


Dimensions in mm
 Head lenght: D short / D1 long

	A	B	C	D	D1	E	F	G	I	L	M
MAX P 12 AB HS	308	169	139	100	155	204	98	160	100/120	100/120	M8
MAX P 15 AB HS	392	202	190	160	260	276	107	201	120/131	120/131	M8
MAX P 25 AB HS	392	202	190	160	260	276	125	201	120/131	120/131	M8

- Fuel: light oil (viscosity from 1,6 cSt to 6 cSt at 20 °C)
- Operation: two stages and two stages with hydraulic jack
- Emission class: Low NOx class 2 (≤185 mg/kWh) according to EN267

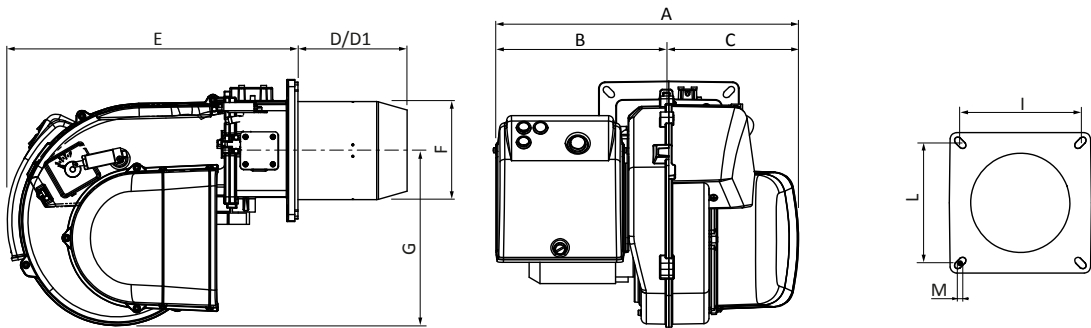
WORKING DIAGRAM



TECHNICAL DATA

	Burner output (kW)	Flow rate (kg/h)	Power supply	Motor (W)	NOx class	Operation
MAX P 35 AB	166 - 427	14 - 36	1/230V/50Hz	300	Class 2	AB
MAX P 45 AB	202 - 546	17 - 46	3/230-400V/50Hz	550	Class 2	AB
MAX P 35 AB HS	166 - 427	14 - 36	1/230V/50Hz	300	Class 2	AB HS
MAX P 45 AB HS	202 - 546	17 - 46	3/230-400V/50Hz	550	Class 2	AB HS

OVERALL DIMENSIONS



Dimensions in mm
Head lenght: **D** short / **D1** long

	A	B	C	D	D1	E	F	G	I	L	M
MAX P 35	501	294	207	175	365	466	160	280	185/200	185/200	M8
MAX P 45	501	294	207	175	365	466	160	280	185/200	185/200	M8

HEAD OFFICE:
Via Roma, 64
31023 Resana (TV)

REGISTERED OFFICE:
Viale A. Merloni, 45
60044 Fabriano (AN)

Tel.: +39 0423 719500
Fax: +39 0423 719580
Email: export@ecoflam-burners.com

Company subject to the direction and coordination of Ariston Thermo SpA. Via A. Merloni, 45 - 60044 Fabriano (AN) - CF 01026940427

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