

This series of monoblock burners made of a solid die-cast aluminium housing, represents the outcome of our experience in the field of medium-large capacity burners. This version of burners features a centrifugal air fan activated by a three phase motor, while the oil pump works through a dedicated motor.

This range of the series MILLE has a capacity from 2.550 kW to 13.000 kW.

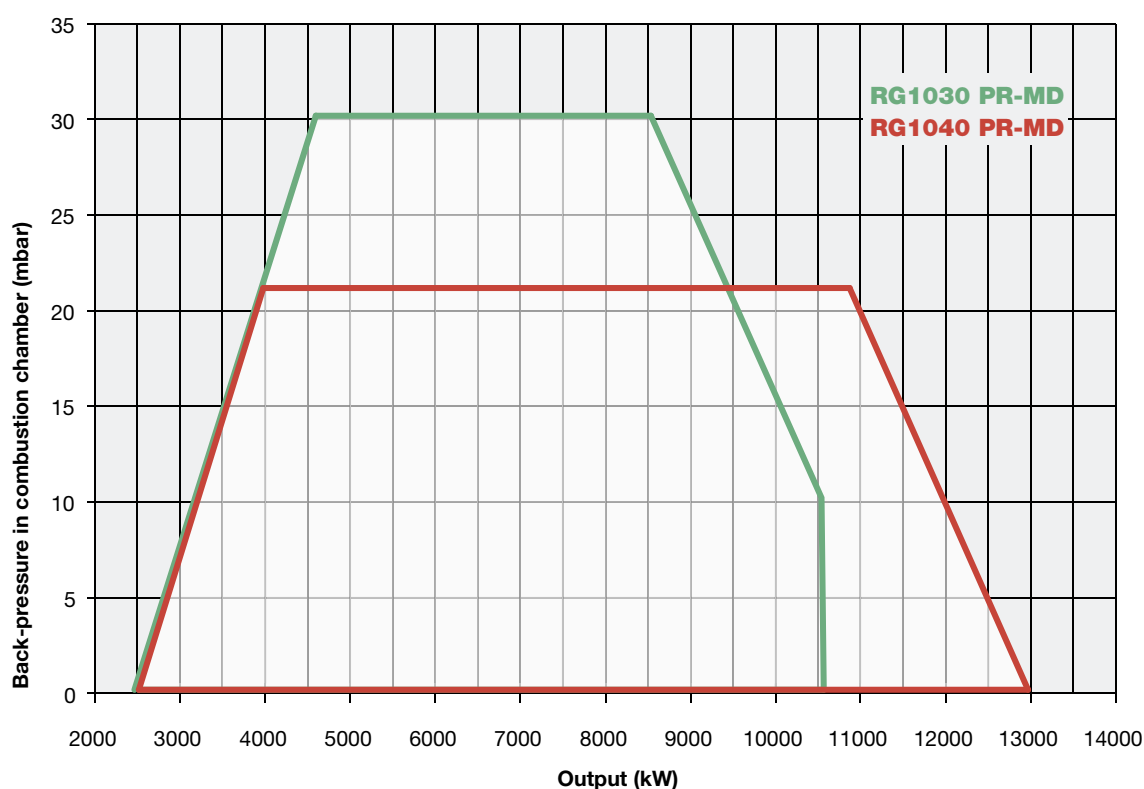
Both series are equipped with a by-passing nozzle that allows a modulating ratio of 1:3.

The light oil output can be adjusted through a pressure regulator which has effects on the return pipe line.

All burners have a control panel which includes the control box and the regulators of temperature and pressure. Furthermore they are equipped with a mimic diagram with lamps showing the sequential stages of the burner operation.

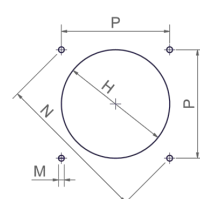
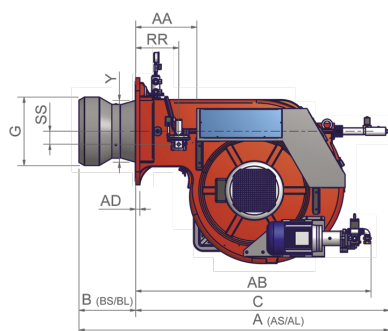
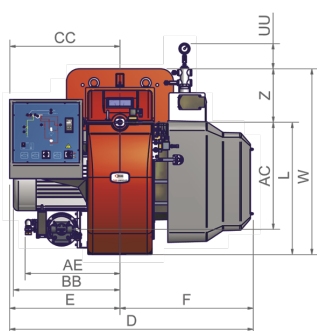


Electronic set up (optional)

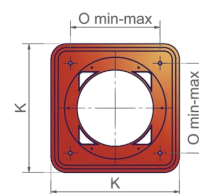


TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor kW	Pump motor kW	Noise level dBA
		min.	max.					
RG1030	G-.xx.x.xx.A	2.550	10.600	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	22	4	85,6
RG1040	G-.xx.x.xx.A	2.550	13.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	30	5,5	85,6



Suggested boiler drilling



Burner flange

Type	Packaging dimensions (mm)			
	l	p	h	kg
RG1030/1040	2270	1720	1320	700

Approximate values

Type	Model	Overall dimensions (mm)																												
		A	A	AA	AB	AC	AD	AE	B	B	BB	C	CC	D	E	F	G	H	K	L	M	N	O	P	RR	SS	UU	W	Y	Z
		(AS)	(AL)						(BS)	(BL)																				
RG1030	G-.xx.x.xx.A	1914	2108	377	1452	651	25	585	350	544	657	1564	680	1502	680	822	422	472	660	816	M16	651	460	460	265	80	142	1146	379	330
RG1040	G-.xx.x.xx.A	1925	2119	377	1452	651	25	585	350	544	657	1575	680	1502	680	822	671	731 [•]	660	816	M16	651	460	460	265	80	142	1146	404	330

Approximate values

- Install a counter-flange between the burner and the boiler or in alternative, drill the H hole smaller but higher than the Y point and assemble the combustion head inside the boiler.

MECHANICAL OPERATION

RG1030				RG1040	
Model	Operation	Code	Price €	Code	Price €
G-PR.S.xx.A	PR (*)	023050903		023051103	

S = Standard combustion head (BS)

L = For long combustion head version (BL) increase the price (see price list)

(*) Progressive PR control, for modulating version MD add € (see price list)

In the full modulating version MD in order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 282).

In compliance with:

- Low Tension Directive 2014/35/UE - Electromagnetic Compatibility Directive 2014/30/UE - Machinery Directive 2006/42/CE

ELECTRONIC OPERATION

RG1030				RG1040	
Model	Operation	Code	Price €	Code	Price €
G-PR.S.xx.A.EA	PR (*)	02305090A		02305110A	

S = Standard combustion head (BS)

L = For long combustion head version (BL) increase the price (see price list)

(*) Progressive PR control, for modulating version MD add € (see price list)

In the full modulating version MD in order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 282).

In compliance with:

- Low Tension Directive 2014/35/UE - Electromagnetic Compatibility Directive 2014/30/UE - Machinery Directive 2006/42/CE

ELECTRONIC OPERATION

RG1030				RG1040	
Model	Operation	Code	Price €	Code	Price €
G-MD.S.xx.A.ES	MD (**)	02305090S		02305110S	

S = Standard combustion head (BS)

L = For long combustion head version (BL) increase the price (see price list)

(**) The burners are already MD version.

In order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 282).

In compliance with:

- Low Tension Directive 2014/35/UE - Electromagnetic Compatibility Directive 2014/30/UE - Machinery Directive 2006/42/CE

