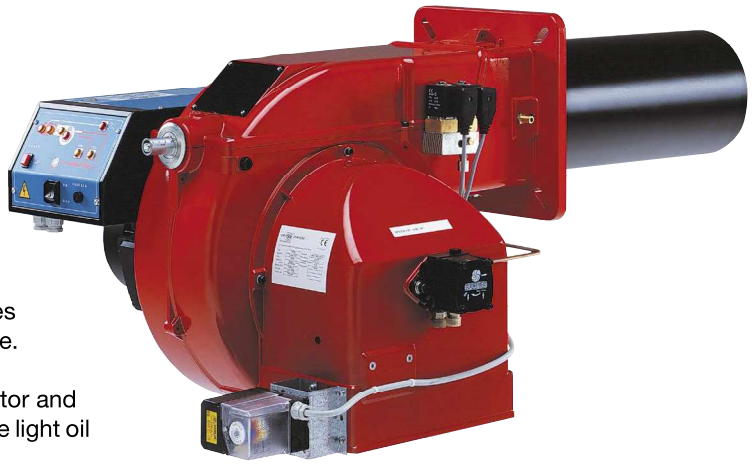
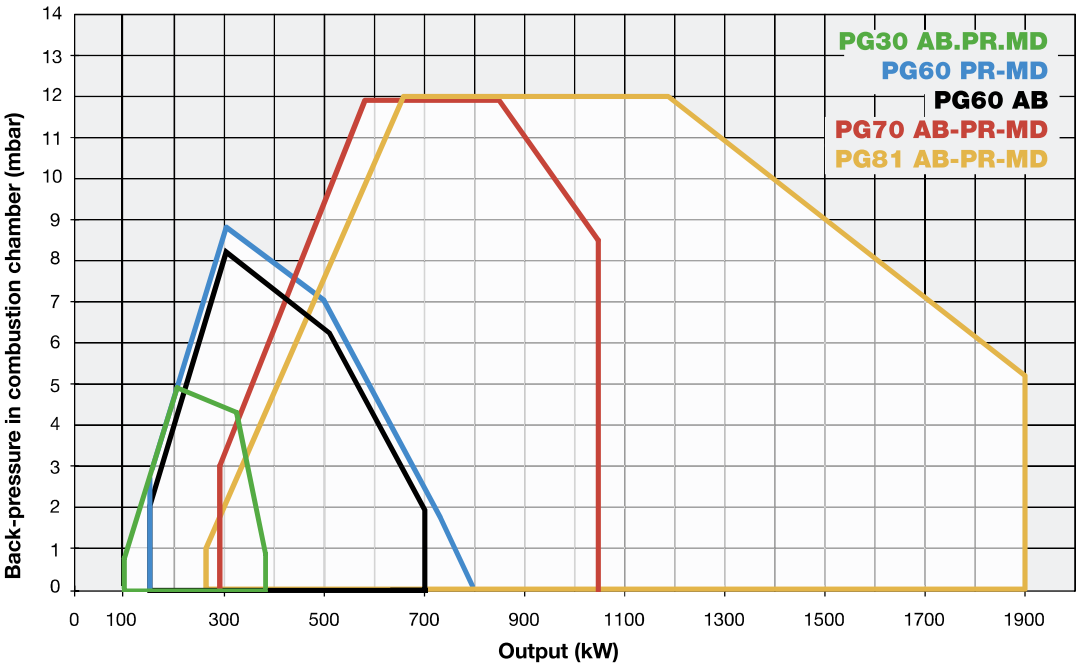
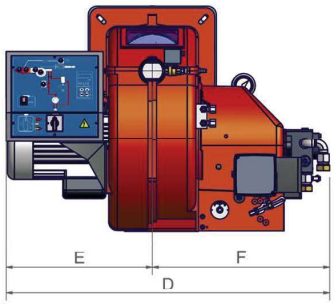


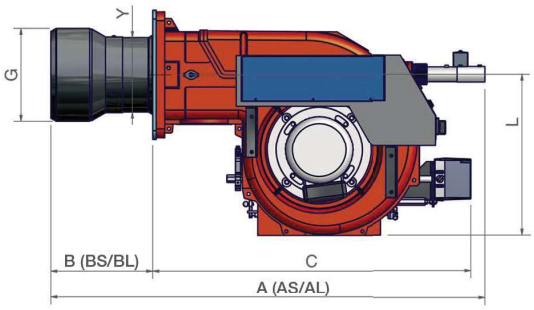
These burners are rated from 105 to 1900 kW and they have a field of application that ranges from pressurized boilers; hot water, steam or overheated water to medium capacity ovens for heat treatments.
The simple operation and the safety ensured by the constant tests performed in our laboratory and by the conformity to EC directives, makes these burners sophisticated and reliable.
A biodiesel version is also available.
All burners are equipped with a fan motor and a separate motor for the operation of the light oil pump through a flexible coupling.
The control panel is completed with an electronic control box and with a photoresistor. The control logic is incorporated on a printed circuit. The atomization and fuel supply systems include: nozzle, ignition electrodes, flexibles and filters.



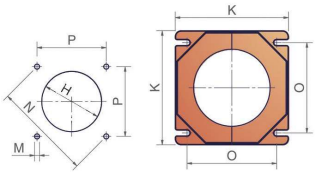
TECHNICAL DETAILS

Type	Model	Power kW		Electric power supply	Fan motor
		min.	max.		kW
PG30	G-.xx.x.xx.A	105	383	230 V 1N ac	0,37
PG60	G-.AB.x.xx.A	145	698	230/400 V 3N ac	1,10
PG60	G-.xx.x.xx.A	151	791	230/400 V 3N ac	1,10
PG70	G-.xx.x.xx.A	291	1.047	230/400 V 3N ac	2,20
PG81	G-.xx.x.xx.A	264	1.900	230/400 V 3N ac	3,00





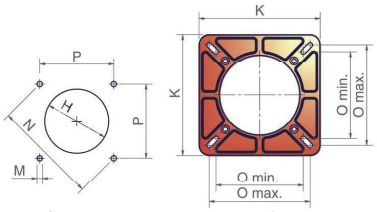
PG30 - PG60



Suggested boiler drilling

Burner flange

PG70 - PG81



Suggested boiler drilling

Burner flange

Type	Model	Overall dimensions (mm)											Boiler drilling (mm)				Burner flange (mm)			Packaging dimensions* (mm)			
		AS	AL	BS	BL	C	D	E	F	G	L	Y	H	M	N	P	O		K	l	p	h	kg
																	min.	max.					
PG30	G-.xx.x.xx.A	662	852	150	340	512	516	267	249	121	284	131	151	M10	219	155	155	155	190	1000	550	460	30
PG60	G-.AB.x.xx.A	874	1072	244	442	630	615	330	285	153	350	162	182	M10	269	190	190	190	240	1200	670	540	65
PG60	G-.xx.x.xx.A	1004	1202	244	442	760	630	330	300	153	350	162	182	M10	269	190	190	190	240	1200	670	540	65
PG70	G-.AB.x.xx.A	995	1145	310	460	685	710	360	350	198	375	198	228	M10	330	233	216	250	300	1280	850	760	82
PG70	G-.xx.x.xx.A	1035	1185	310	460	725	780	360	420	198	375	198	228	M10	330	233	216	250	300	1280	850	760	87
PG81	G-.AB.x.xx.A	1025	1175	340	490	685	765	400	365	234	375	198	264	M10	330	233	216	250	300	1280	850	760	95
PG81	G-.xx.x.xx.A	1165	1315	340	490	825	820	400	420	234	375	198	264	M10	330	233	216	250	300	1280	850	760	100

Approximate values

MECHANICAL OPERATION

Model	Operation	PG30 Code	PG30 Price €	PG60 Code	PG60 Price €
G-.AB.S.xx.A	AB	003050102		004050102	
G-.PR.S.xx.A	PR (*)	003050103		004050103	

Model	Operation	PG70 Code	PG70 Price €	PG81 Code	PG81 Price €
G-.AB.S.xx.A	AB	008050102		008051302	
G-.PR.S.xx.A	PR (*)	008050103		008051303	

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 174).

In compliance with:
- Low Tension Directive 2014/35/UE
- Electromagnetic Compatibility Directive 2014/30/UE
- Machinery Directive 2006/42/CE

ELECTRONIC OPERATION

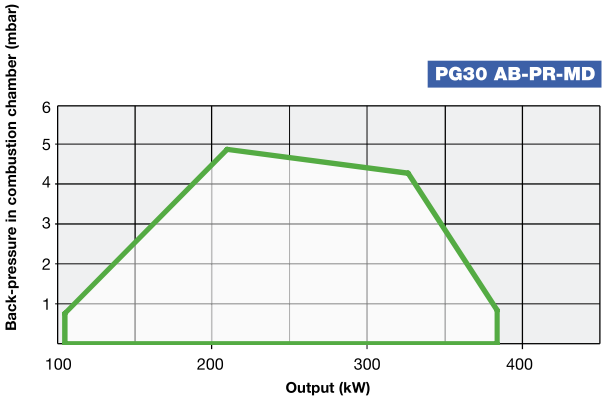
Model	Operation	PG30 Code	PG30 Price €	PG60 Code	PG60 Price €
G-.PR.S.xx.A.EA	PR (*)	00305010A		00405010A	

Model	Operation	PG70 Code	PG70 Price €	PG81 Code	PG81 Price €
G-.PR.S.xx.A.EA	PR (*)	00805010A		00805130A	

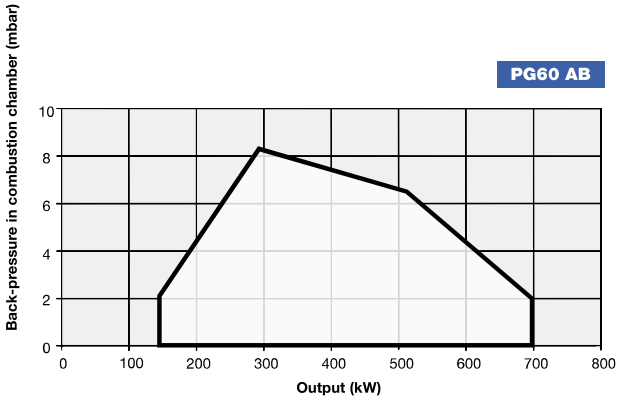
S = Standard combustion head (BS)
L = For long combustion head version (BL) increase the price (see price list)
(*) Progressive PR control, for modulating version MD add (see price list)
In the full modulating version MD in order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 174).

In compliance with:
- Low Tension Directive 2014/35/UE
- Electromagnetic Compatibility Directive 2014/30/UE
- Machinery Directive 2006/42/CE

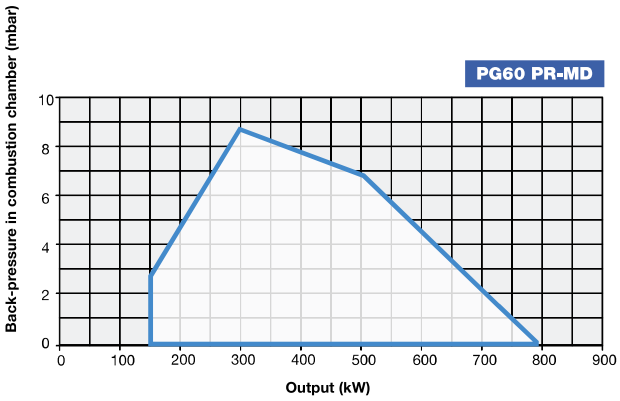
PG30 AB-PR-MD



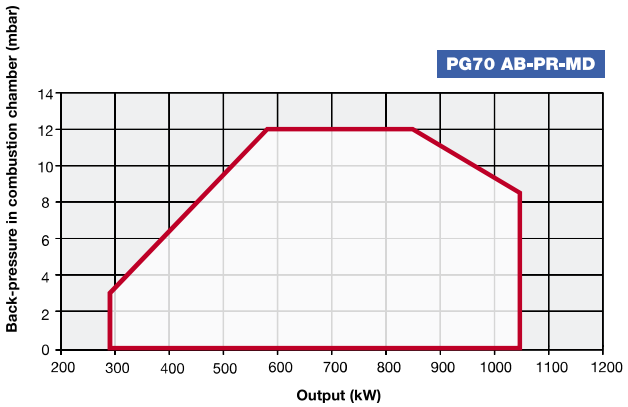
PG60 AB



PG60 PR-MD



PG70 AB-PR-MD



PG81 AB-PR-MD