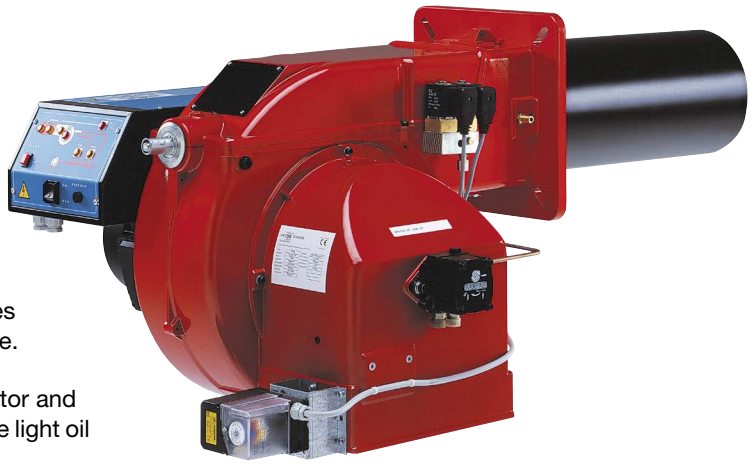
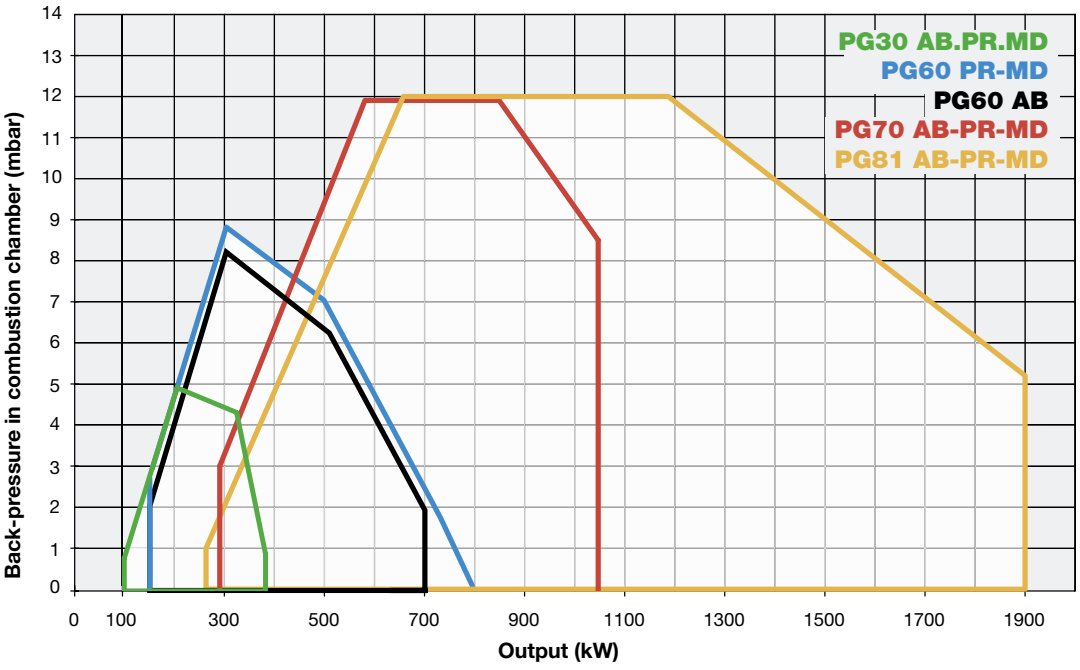
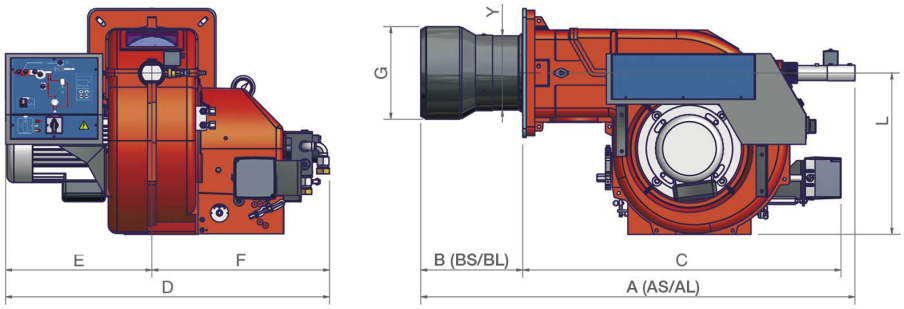


These burners are rated from 105 to 1900 kW and they have a field of application that ranges from pressurized boilers; hot water, steam or overheated water to medium capacity ovens for heat treatments.
The simple operation and the safety ensured by the constant tests performed in our laboratory and by 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.

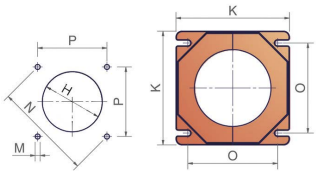


TECHNICAL DETAILS

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

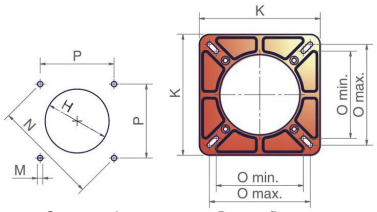


PG30 - PG60



Suggested boiler drilling *Burner flange*

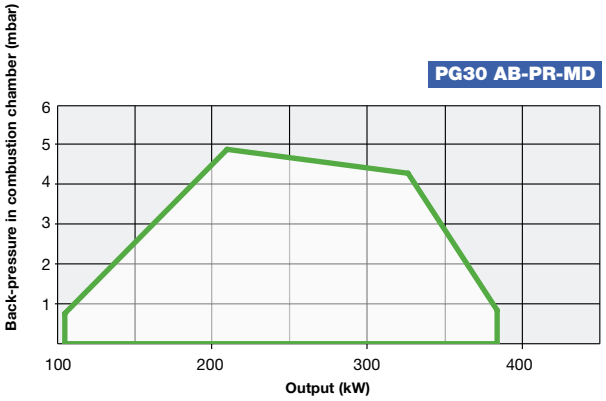
PG70 - PG81

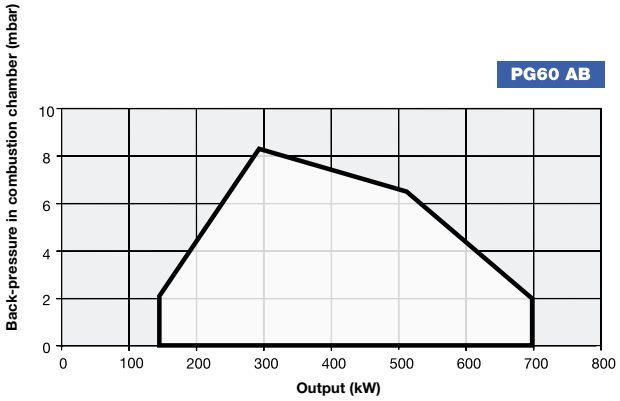


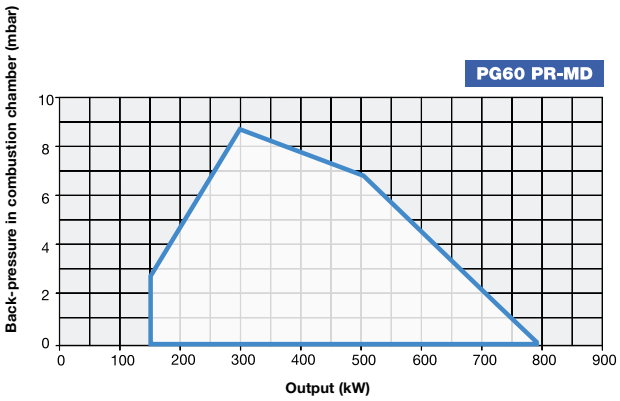
Suggested boiler drilling *Burner flange*

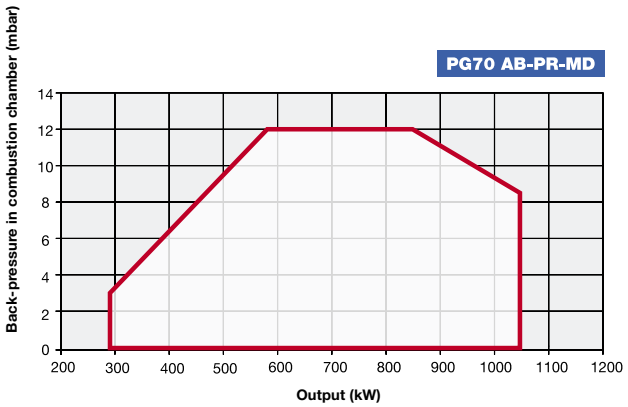
Type	Model	Overall dimensions (mm)											Boiler drilling (mm)				Burner flange (mm)			Packaging dimensions* (mm)			
		AS	AL	BS	BL	C	D	E	F	G	L	Y	H	M	N	P	O		K	l	p	h	kg
																	min.	max.					
PG30	G-.xx.x.xx.A	662	852	150	340	512	516	267	249	121	284	131	151	M10	219	155	155	155	190	1000	550	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

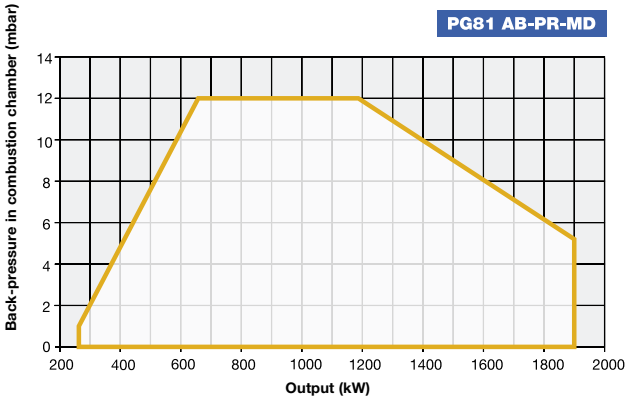
Approximate values


PG30 AB-PR-MD
Back-pressure in combustion chamber (mbar)
6
5
4
3
2
1
100
200
300
400
Output (kW)


PG60 AB
Back-pressure in combustion chamber (mbar)
10
8
6
4
2
0
0
100
200
300
400
500
600
700
800
Output (kW)


PG60 PR-MD
Back-pressure in combustion chamber (mbar)
10
8
6
4
2
0
0
100
200
300
400
500
600
700
800
900
Output (kW)


PG70 AB-PR-MD
Back-pressure in combustion chamber (mbar)
14
12
10
8
6
4
2
0
200
300
400
500
600
700
800
900
1000
1100
1200
Output (kW)


PG81 AB-PR-MD
Back-pressure in combustion chamber (mbar)
14
12
10
8
6
4
2
0
200
400
600
800
1000
1200
1400
1600
1800
2000
Output (kW)