

novanta-cinquecento series

RG91 RG92 RG93 RG510 RG515 RG520 RG525

LIGHT OIL

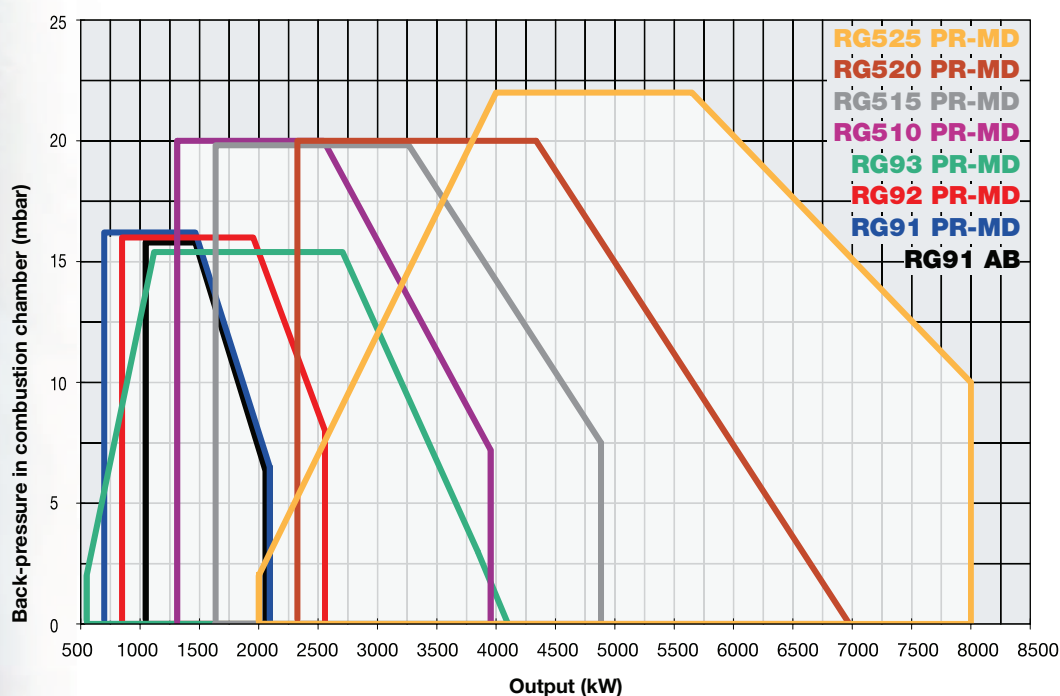
This monobloc series made of a solid die-cast aluminium housing, represents all our experience made in the field of medium-large output burners.

The monobloc version incorporates into the casting the combustion air fan which is mounted direct on the shaft of a three phase motor. The oil pump works through a dedicated motor.

The range is divided in two groups: the series NOVANTA (up to 4100 kW), and the series CINQUECENTO (up to 8000 kW), both are equipped with a by-passing nozzle to allow a ratio 1:3.

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

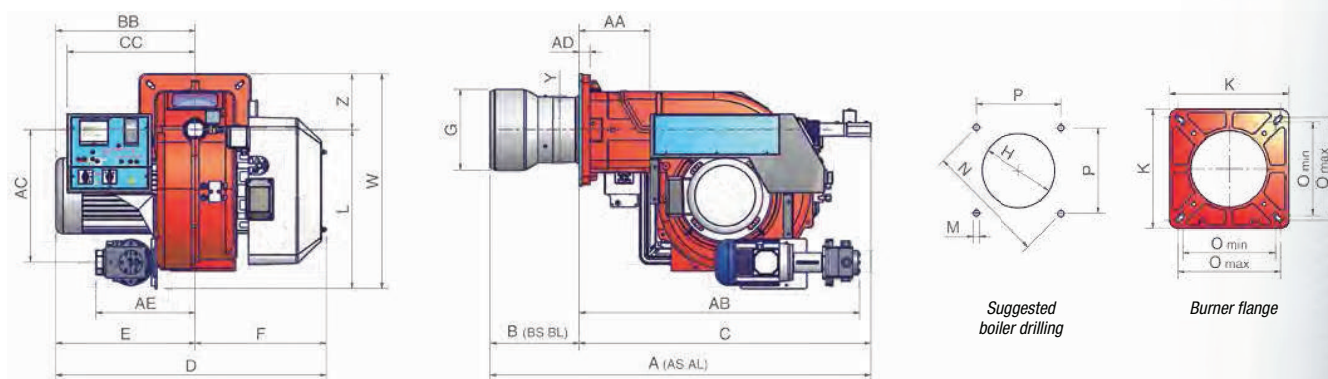
All burners fit a control panel which includes the control box and a mimic diagram with lamps showing the sequential stages of burner operation.





TECHNICAL DETAILS

Type	Model	Power kW		Electric power	Fan motor kW	Pump motor kW
		min.	max.			
RG91	G-.AB.x.IT.A	1.047	2.093	230/400 V 3N ac	4,0	1,1
RG91	G-.xx.x.IT.A	698	2.093	230/400 V 3N ac	4,0	1,1
RG92	G-.xx.x.IT.A	849	2.558	230/400 V 3N ac	5,5	1,1
RG93	G-.xx.x.IT.A	550	4.100	230/400 V 3N ac	7,5	1,1



Type	Packaging dimensions* (mm)			
	l	p	h	kg
RG91	1730	1280	1020	230
RG92	1730	1280	1020	270
RG93	1730	1430	1130	290

(*) Approximate values

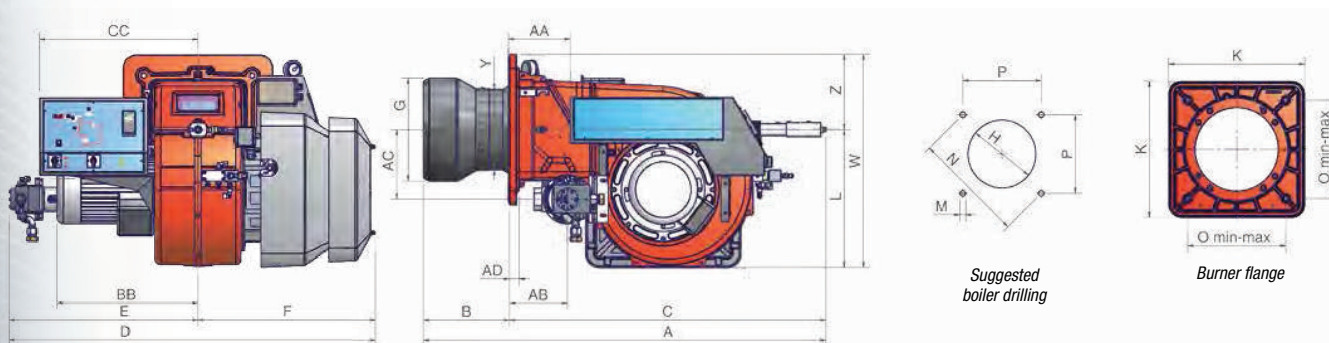
Type	Model	Overall dimensions* (mm)																											
		AS	AL	AA	AB	AC	AD	AE	BS	BL	BB	C	CC	D	E	F	G	H	K	L	M	N	O		P	W	Y	Z	
RG91	G-.xx.x.IT.A	1259	1432	242	925	436	35	327	300	473	419	959	422	853	419	434	238	268	360	523	M12	417	280	310	295	708	228	185	
RG92	G-.xx.x.IT.A	1253	1426	242	925	436	35	327	294	467	419	959	422	853	419	434	266	296	360	523	M12	417	280	310	295	708	228	185	
RG93	G-.xx.x.IT.A	1253	1426	242	925	436	35	327	294	467	460	959	422	894	460	434	266	296	360	523	M12	417	280	310	295	708	228	185	

(*) Approximate values

In compliance with DIRECTIVE E.M.C. 2004/108/CE and DIRECTIVE B.T. 2006/95/CE

TECHNICAL DETAILS

Type	Model	Power kW		Electric power	Fan motor kW	Pump motor kW
		min.	max.			
RG510	G-.xx.x.IT.A	1.314	3.953	230/400 V 3N ac	7,5	1,1
RG515	G-.xx.x.IT.A	1.628	4.884	230/400 V 3N ac	11,0	1,5
RG520	G-.xx.x.IT.A	2.326	6.977	230/400 V 3N ac	15,0	1,5
RG525	G-.xx.x.IT.A	2.000	8.000	400 V 3N ac	18,5	3,0



Type	Packaging dimensions* (mm)			
	l	p	h	kg
RG510/515/520	1720	1500	1150	330
RG525	1800	1500	1300	350

(*) Approximate values

Type	Model	Overall dimensions* (mm)																									
		AS	AL	AA	AB	AC	AD	BS	BL	BB	C	CC	D	E	F	G	H	K	L	M	N	O	P	W	Y	Z	
RG510	G-.xx.x.IT.A	1451	1671	219	217	246	35	310	530	468	1141	571	1314	671	643	329	369	540	496	M14	552	390	390	766	328	270	
RG515	G-.xx.x.IT.A	1451	1671	219	217	246	35	310	530	508	1141	571	1324	681	643	350	390	540	496	M14	552	390	390	766	328	270	
RG520	G-.xx.x.IT.A	1451	1671	219	207	250	35	310	530	508	1141	571	1324	681	643	370	410	540	496	M14	552	390	390	880	328	270	
RG525	G-.xx.x.IT.A	1511	1691	219	197	275	35	350	530	650	1161	571	1341	698	643	434	484	540	496	M14	552	390	390	938	434	270	

(*) Approximate values

In compliance with DIRECTIVE E.M.C. 2004/108/CE and DIRECTIVE B.T. 2006/95/CE



MECHANICAL OPERATION

		RG91		RG92	
Model	Operation	Code	Price €	Code	Price €
G-.AB.S.IT.A	AB	012050302		-	
G-.AB.L.IT.A	AB	012050402		-	
G-.PR.S.IT.A	PR	012050303		012050503	
G-.PR.L.IT.A	PR	012050403		012050603	
G-.MD.S.IT.A	MD(*)	012050304		012050504	
G-.MD.L.IT.A	MD(*)	012050404		012050604	

		RG93	
Model	Operation	Code	Price €
G-.PR.S.IT.A	PR	012050703	
G-.PR.L.IT.A	PR	012050803	
G-.MD.S.IT.A	MD(*)	012050704	
G-.MD.L.IT.A	MD(*)	012050804	

		RG510		RG515	
Model	Operation	Code	Price €	Code	Price €
G-.PR.S.IT.A	PR	029050103		029050303	
G-.PR.L.IT.A	PR	029050203		029050403	
G-.MD.S.IT.A	MD(*)	029050104		029050304	
G-.MD.L.IT.A	MD(*)	029050204		029050404	

		RG520		RG525	
Model	Operation	Code	Price €	Code	Price €
G-.PR.S.IT.A	PR	029050503		029050703	
G-.PR.L.IT.A	PR	029050603		029050803	
G-.MD.S.IT.A	MD(*)	029050504		029050704	
G-.MD.L.IT.A	MD(*)	029050604		029050804	

In compliance with DIRECTIVE E.M.C. 2004/108/CE and DIRECTIVE B.T. 2006/95/CE

(*) In order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 238)

ELECTRONIC OPERATION

Model	Operation	RG91		RG92		RG93	
		Code	Price €	Code	Price €	Code	Price €
G-.PR.S.IT.A.EA	PR	01205030A		01205050A		01205070A	
G-.PR.L.IT.A.EA	PR	01205040A		01205060A		01205080A	
G-.MD.S.IT.A.EA	MD(*)	01205030E		01205050E		01205070E	
G-.MD.L.IT.A.EA	MD(*)	01205040E		01205060E		01205080E	
G-.MD.S.IT.A.ES	MD(*)	01205030S		01205050S		01205070S	
G-.MD.L.IT.A.ES	MD(*)	01205040S		01205060S		01205080S	

Model	Operation	RG510		RG515		RG520		RG525	
		Code	Price €	Code	Price €	Code	Price €	Code	Price €
G-.PR.S.IT.A.EA	PR	02905010A		02905030A		02905050A		02905070A	
G-.PR.L.IT.A.EA	PR	02905020A		02905040A		02905060A		02905080A	
G-.MD.S.IT.A.EA	MD(*)	02905010E		02905030E		02905050E		02905070E	
G-.MD.L.IT.A.EA	MD(*)	02905020E		02905040E		02905060E		02905080E	
G-.MD.S.IT.A.ES	MD(*)	02905010S		02905030S		02905050S		02905070S	
G-.MD.L.IT.A.ES	MD(*)	02905020S		02905040S		02905060S		02905080S	

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(*) In order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 238)

