



Designed and developed by the need to satisfy the most demanding applications in the industrial field, this burner is the biggest among the “monobloc” ranges and is manufactured with an aluminum housing that incorporates a backward curved centrifugal impeller.

With a performance ranging from 2550 to 13000

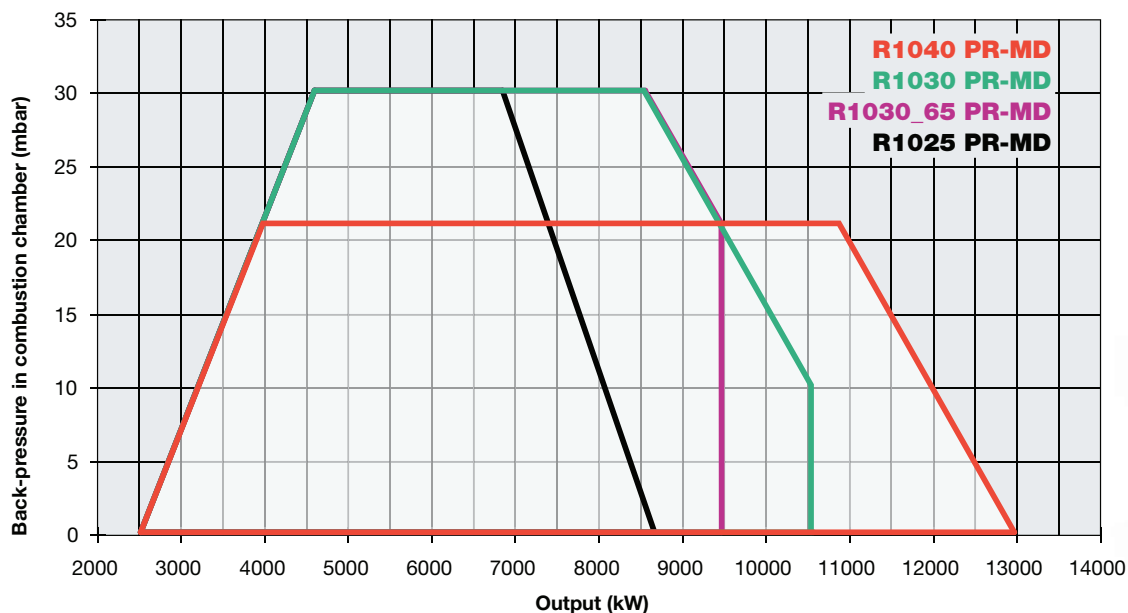
kW, the burner has a 1:3 modulating ratio.

A modulating ratio of 1:10 is available upon request by varying the position of the combustion head either electronically or manually thus changing the geometry of the flame. This is a highly customizable product able to satisfy many different solutions. Upon request these burners are available with a separate floor standing or wall mounting control panel incorporating Inverter control and micro-processor systems, including O₂ trim, thus optimizing the combustion. All the models can be provided with silencers or acoustic shroud box. The new system of air inlet with built-in silencer ensures the lowest noise level.

The new air inlet system with built-in silencer ensures the lowest noise levels.



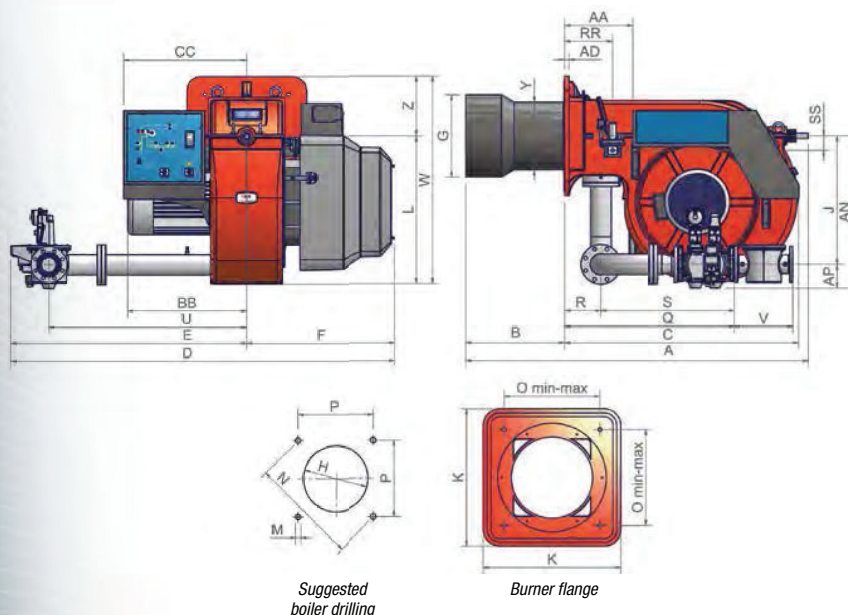
Electronic set up (optional)



TECHNICAL DETAILS

Type	Model	Power kW		Electric power supply	Fan motor kW	Gas connections Rp
		min.	max.			
R1025	M-.xx.S.IT.A.1.xxx	2.550	8.700	400V 3N ac	18,5	DN65 - 80 - 100
R1030	M-.xx.S.IT.A.1.65	2.550	9.500	400V 3N ac	22,0	DN65
R1030	M-.xx.S.IT.A.1.xxx	2.550	10.600	400V 3N ac	22,0	DN80 - 100
R1040	M-.xx.S.IT.A.1.xxx	2.550	13.000	400V 3N ac	30,0	DN80 - 100 - 125

For the configuration of the gas train, see pages 112-113.



Type	Packaging dimensions* (mm)			
	l	p	h	kg
R1025/1030	2270	1720	1320	550
R1040	2380	1730	1460	600

(*) Approximate values

Type	Model	Overall dimensions* (mm)																														
		A	AA	AD	AN	AP	B	BB	C	CC	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	RR	S	SS	U	V	W	Y	Z
R1025	M-.xx.S.IT.A.1.65	1888	377	25	827	118	544	641	1291	680	2121	1299	822	400	450	709	660	816	M16	651	460	460	914	200	265	714	80	1092	292	1146	379	330
R1025	M-.xx.S.IT.A.1.80	1888	377	25	841	132	544	641	1291	680	2123	1301	822	400	450	709	660	816	M16	651	460	460	936	200	265	736	80	1092	322	1146	379	330
R1025	M-.xx.S.IT.A.1.100	1888	377	25	854	145	544	641	1291	680	2139	1317	822	400	450	709	660	816	M16	651	460	460	842	200	265	642	80	1092	382	1146	379	330
R1030	M-.xx.S.IT.A.1.65	1888	377	25	827	118	544	657	1291	680	2121	1299	822	454	504	709	660	816	M16	651	460	460	914	200	265	714	80	1092	292	1146	372	330
R1030	M-.xx.S.IT.A.1.80	1888	377	25	841	132	544	657	1291	680	2123	1301	822	454	504	709	660	816	M16	651	460	460	936	200	265	736	80	1092	322	1146	372	330
R1030	M-.xx.S.IT.A.1.100	1888	377	25	854	145	544	657	1291	680	2139	1317	822	454	504	709	660	816	M16	651	460	460	842	200	265	642	80	1092	382	1146	372	330
R1040	M-.xx.S.IT.A.1.80	1888	377	25	841	132	544	657	1291	680	2123	1301	822	514	564	709	660	816	M16	651	460	460	936	200	265	736	80	1192	322	1146	408	330
R1040	M-.xx.S.IT.A.1.100	1888	377	25	854	145	544	657	1291	680	2139	1317	822	514	564	709	660	816	M16	651	460	460	842	200	265	642	80	1192	382	1146	408	330
R1040	M-.xx.S.IT.A.1.125	1888	377	25	884	175	544	657	1291	680	2254	1432	822	514	564	709	660	816	M16	651	460	460	954	200	265	754	80	1192	480	1146	408	330

(*) Approximate values


MECHANICAL OPERATION

Model	Gas train	Operation	R1025		R1030		R1040	
			Code	Price €	Code	Price €	Code	Price €
M-.PR.S.IT.A.1.65	DN65	PR	023011953		023012253		-	
M-.PR.S.IT.A.1.80	DN80	PR	023012053		023012353		023012553	
M-.PR.S.IT.A.1.100	DN100	PR	023012153		023012453		023012653	
M-.PR.S.IT.A.1.125	DN125	PR	-		-		023012753	
M-.MD.S.IT.A.1.65	DN65	PR	023011954		023012254		-	
M-.MD.S.IT.A.1.80	DN80	MD(*)	023012054		023012354		023012554	
M-.MD.S.IT.A.1.100	DN100	MD(*)	023012154		023012454		023012654	
M-.MD.S.IT.A.1.125	DN125	MD(*)	-		-		023012754	

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

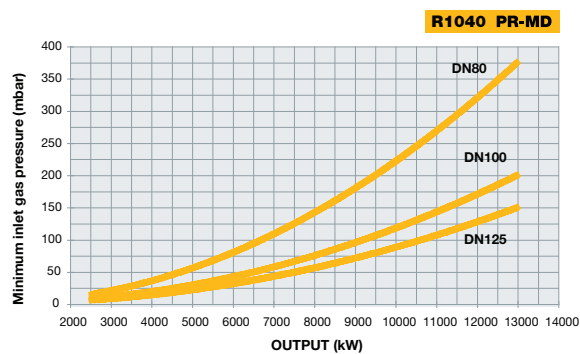
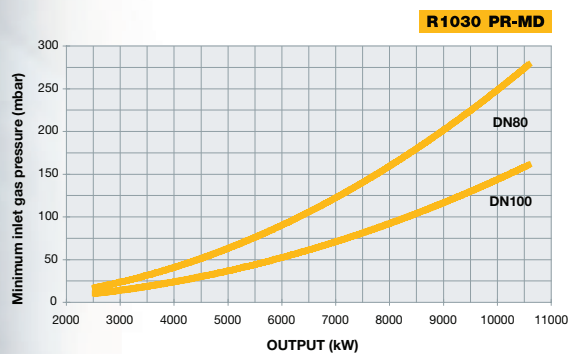
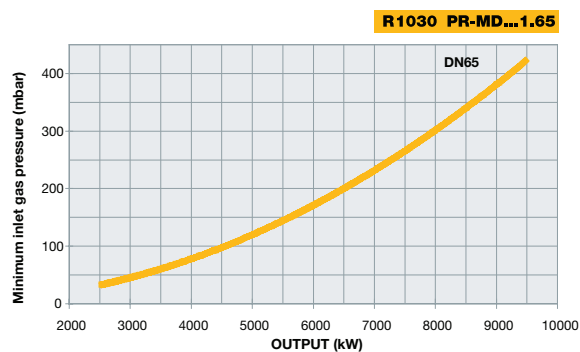
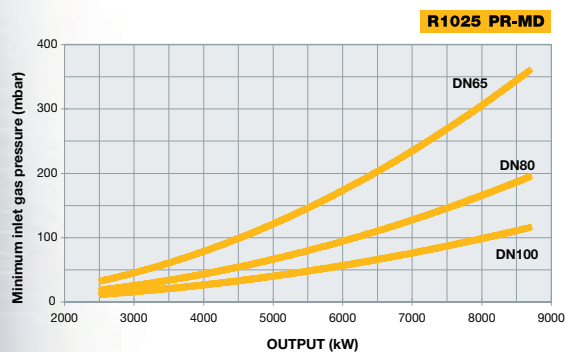
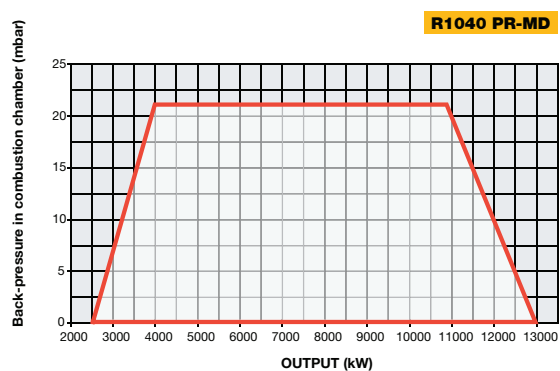
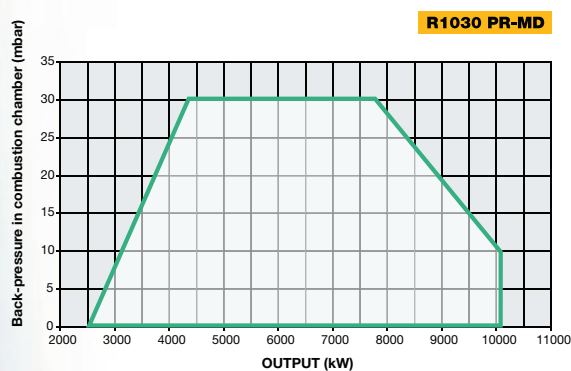
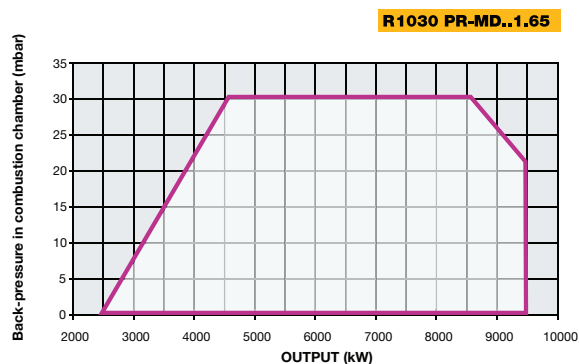
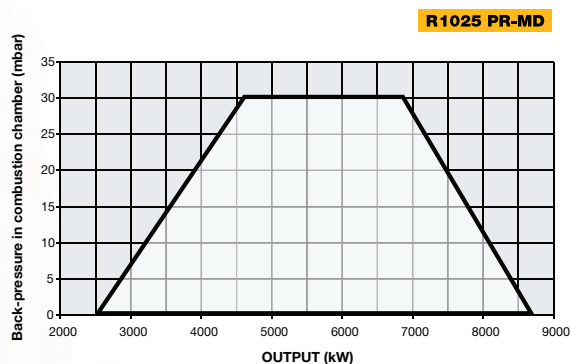
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ELECTRONIC OPERATION

Model	Gas train	Operation	R1025		R1030		R1040	
			Code	Price €	Code	Price €	Code	Price €
M-.MD.S.IT.A.1.65.ES	DN65	PR	02301025S		02301065S		-	
M-.MD.S.IT.A.1.80.ES	DN80	MD(*)	02301035S		02301075S		02301145S	
M-.MD.S.IT.A.1.100.ES	DN100	MD(*)	02301045S		02301085S		02301155S	
M-.MD.S.IT.A.1.125.ES	DN125	MD(*)	-		-		02301165S	

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

In compliance with DIRECTIVE 2009/142/CE



Attention: the graph shows the value of the gas output (kW) against the corresponding pressure without the combustion chamber back pressure. To know the minimum gas pressure at gas train, in order to get the gas output, it is necessary to add the boiler back pressure to the value read on the curve.