

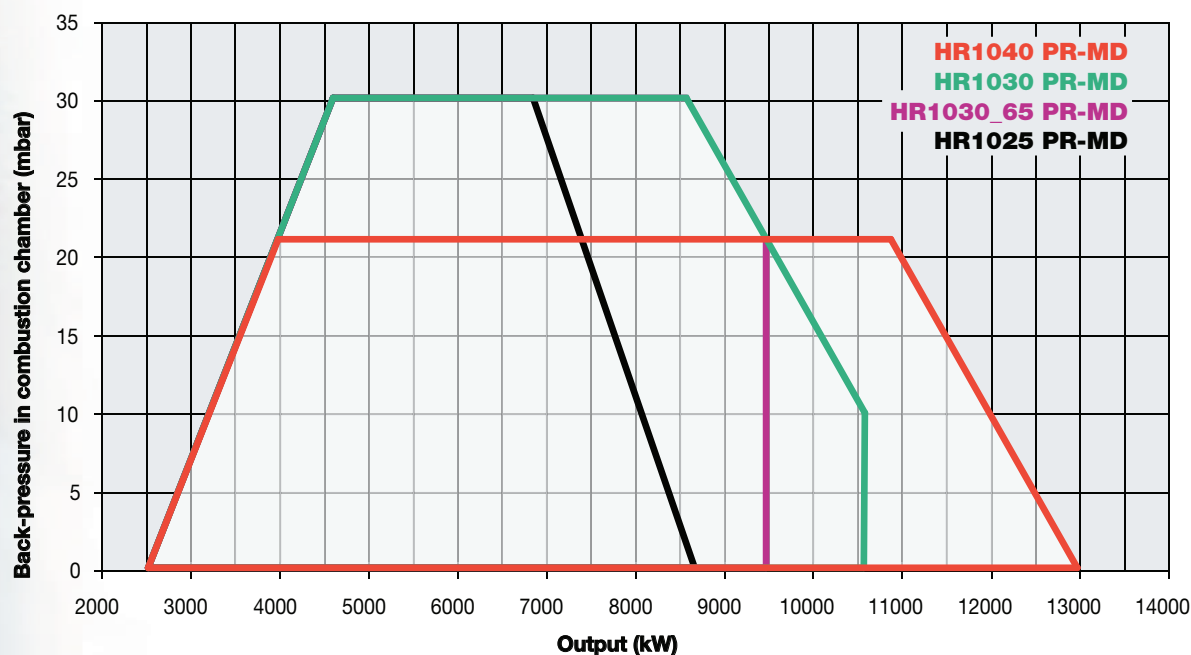
The burners HR1000 represent in terms of performance curve and dimensions, the larger version of all our dual fuel (gas-light oil) burners (up to 13.000 kW). These burners are made of a solid aluminium housing and their applications are not only industrial, but also to public users (hospitals, universities, etc...) and to big heating plants.

The possibility to use both fuels separately, the manageability and the easy maintenance notwithstanding its big dimensions, makes this product really special. This burner is produced in different versions both in progressive and modulating operation.

To customize our product according to our clients' specific requests we can manage to install different electric control panels such as remote console type, cabinet type or wallmounted type. Moreover, apart from the mechanical cam, electronic system is suitable to optimise efficiency through a total control of O_2 value at any stage.



Electronic set up (optional)

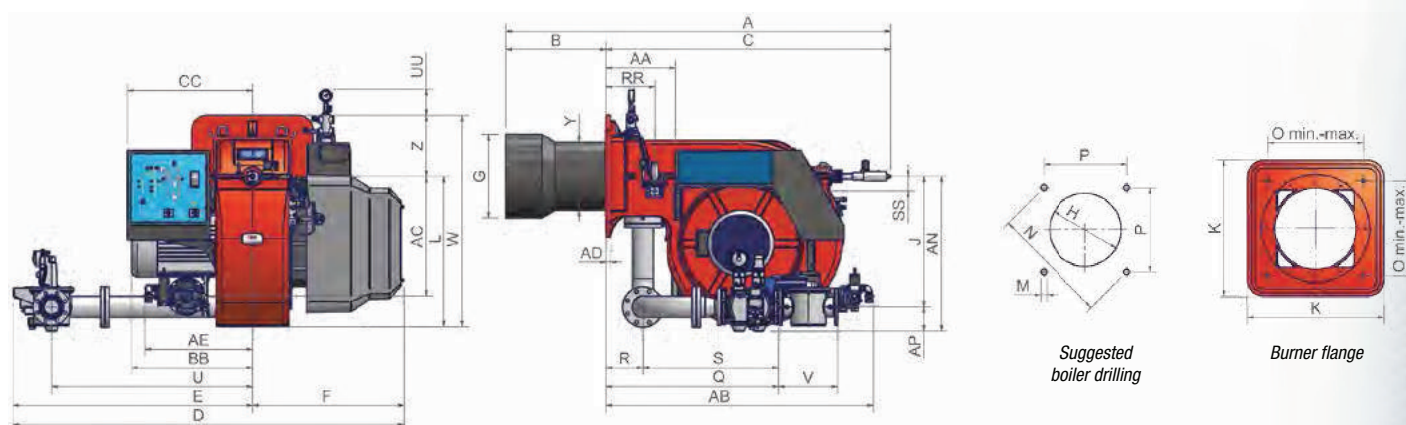




TECHNICAL DETAILS

Type	Model	Power kW		Electric power supply	Fan motor kW	Pump motor kW	Gas connections
		min.	max.				
HR1025	MG.xx.S.IT.A.1.xx	2.550	8.700	400 V 3N ac	18,5	4	DN 65 - 80 - 100
HR1030	MG.xx.S.IT.A.1.65	2.550	9.500	400 V 3N ac	22,0	4	DN65
HR1030	MG.xx.S.IT.A.1.xx	2.550	10.600	400 V 3N ac	22,0	4	DN 80 - 100
HR1040	MG.xx.x.IT.A.1.xx	2.550	13.000	400 V 3N ac	30,0	4	DN80 - 100 - 125

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



Type	Packaging dimensions* (mm)			
	l	p	h	kg
HR1025/HR1030/HR1040	2270	1720	1320	700

(*) Approximate values

Type	Model	Overall dimensions* (mm)																																		
		A (AS)	AA	AB	AC	AD	AE	AN	AP	B	BB	C	CC	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	RR	S	SS	U	UU	V	W	Y	Z
HR1025	MG.xx.S.IT.A.1.65	2088	377	1452	651	25	585	827	118	544	641	1544	680	2121	1299	822	400	450	709	660	816	M16	651	460	460	914	200	265	714	80	1092	142	292	1146	379	330
HR1025	MG.xx.S.IT.A.1.80	2088	377	1452	651	25	585	841	132	544	641	1544	680	2123	1301	822	400	450	709	660	816	M16	651	460	460	936	200	265	736	80	1092	142	322	1146	379	330
HR1025	MG.xx.S.IT.A.1.100	2088	377	1452	651	25	585	854	145	544	641	1544	680	2139	1317	822	400	450	709	660	816	M16	651	460	460	842	200	265	642	80	1092	142	382	1146	379	330
HR1030	MG.xx.S.IT.A.1.65	2088	377	1452	651	25	585	827	118	544	657	1544	680	2121	1299	822	454	504	709	660	816	M16	651	460	460	914	200	265	714	80	1092	142	292	1146	372	330
HR1030	MG.xx.S.IT.A.1.80	2088	377	1452	651	25	585	841	132	544	657	1544	680	2123	1301	822	454	504	709	660	816	M16	651	460	460	936	200	265	736	80	1092	142	322	1146	372	330
HR1030	MG.xx.S.IT.A.1.100	2088	377	1452	651	25	585	854	145	544	657	1544	680	2139	1317	822	454	504	709	660	816	M16	651	460	460	842	200	265	642	80	1092	142	382	1146	372	330
HR1040	MG.xx.S.IT.A.1.80	2106	377	1452	651	25	585	841	132	544	657	1562	680	2123	1301	822	514	564	709	660	816	M16	651	460	460	936	200	265	736	80	1192	142	322	1146	408	330
HR1040	MG.xx.S.IT.A.1.100	2106	377	1452	651	25	585	854	145	544	657	1562	680	2139	1317	822	514	564	709	660	816	M16	651	460	460	842	200	265	642	80	1192	142	382	1146	408	330
HR1040	MG.xx.S.IT.A.1.125	2106	377	1452	651	25	585	884	175	544	657	1562	680	2254	1432	822	514	564	709	660	816	M16	651	460	460	954	200	265	754	80	1192	142	480	1146	408	330

(*) Approximate values

MECHANICAL OPERATION

Model	Gas train	Operation	HR1025		HR1030	
			Code	Price €	Code	Price €
MG.PR.S.IT.A.1.65	DN65	PR	023071653		023071953	
MG.PR.S.IT.A.1.80	DN80	PR	023071753		023072053	
MG.PR.S.IT.A.1.100	DN100	PR	023071853		023072153	
MG.MD.S.IT.A.1.65	DN65	MD(*)	023071654		023071954	
MG.MD.S.IT.A.1.80	DN80	MD(*)	023071754		023072054	
MG.MD.S.IT.A.1.100	DN100	MD(*)	023071854		023072154	

HR1040

MG.PR.S.IT.A.1.80	DN80	PR	023072253			
MG.PR.S.IT.A.1.100	DN100	PR	023072353			
MG.PR.S.IT.A.1.125	DN125	PR	023072453			
MG.MD.S.IT.A.1.80	DN80	MD(*)	023072254			
MG.MD.S.IT.A.1.100	DN100	MD(*)	023072354			
MG.MD.S.IT.A.1.125	DN125	MD(*)	023072454			

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

In compliance with DIRECTIVE 2009/142/CE

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

ELECTRONIC OPERATION

Model	Gas train	Operation	HR1025		HR1030	
			Code	Price €	Code	Price €
MG.MD.S.IT.A.1.65.ES	DN65	MD(*)	02307025S		02307065S	
MG.MD.S.IT.A.1.80.ES	DN80	MD(*)	02307035S		02307075S	
MG.MD.S.IT.A.1.100.ES	DN100	MD(*)	02307045S		02307085S	

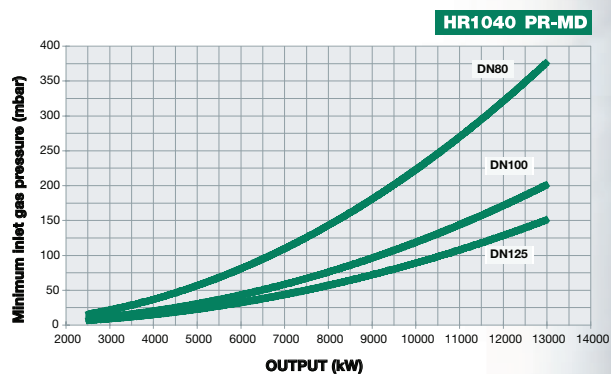
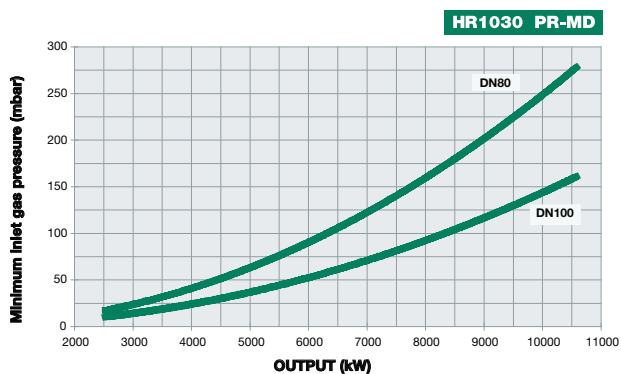
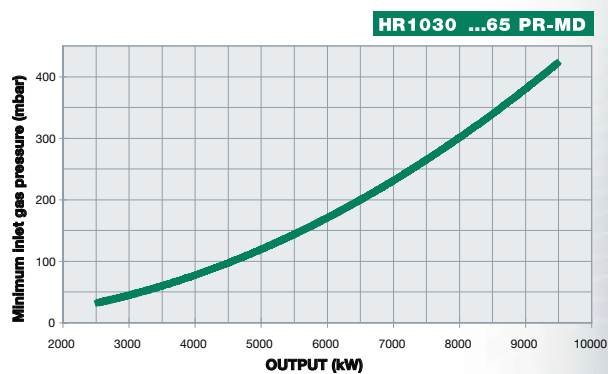
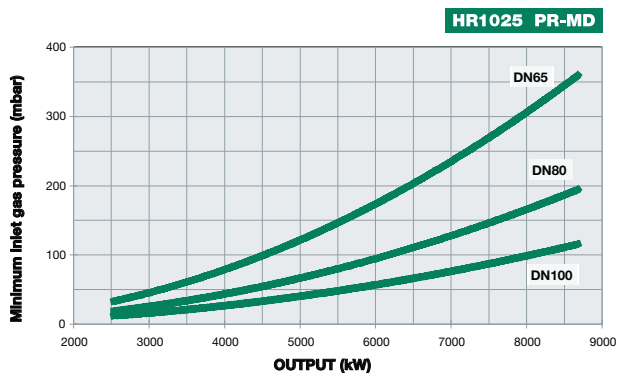
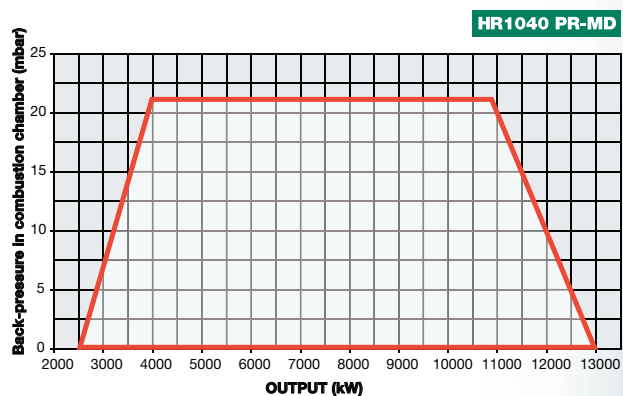
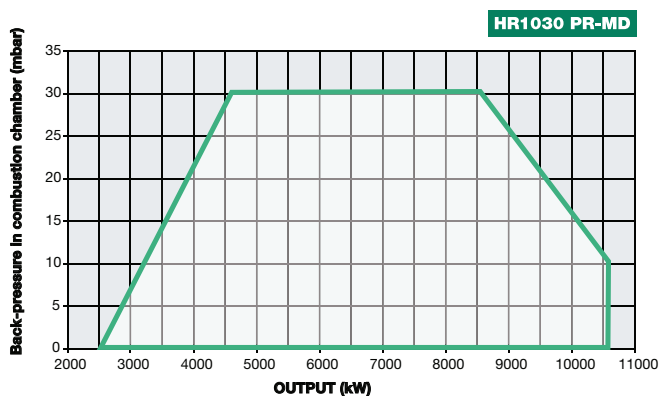
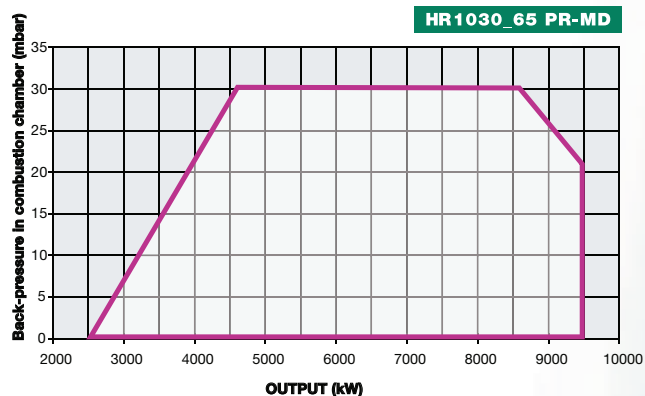
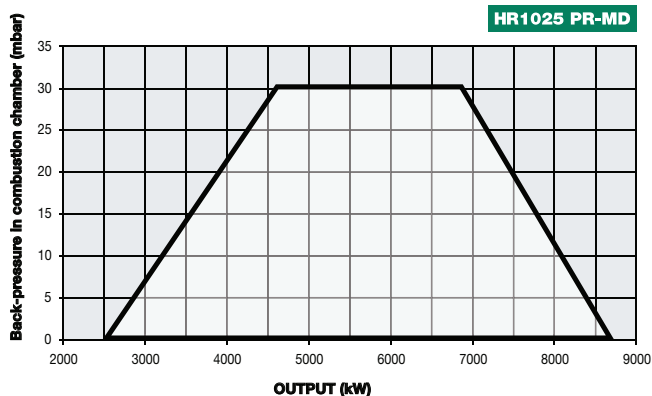
HR1040

Model	Gas train	Operation	Code	Price €
MG.MD.S.IT.A.1.80.ES	DN80	MD(*)	02307095S	
MG.MD.S.IT.A.1.100.ES	DN100	MD(*)	02307105S	
MG.MD.S.IT.A.1.125.ES	DN125	MD(*)	02307115S	

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

In compliance with DIRECTIVE 2009/142/CE

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