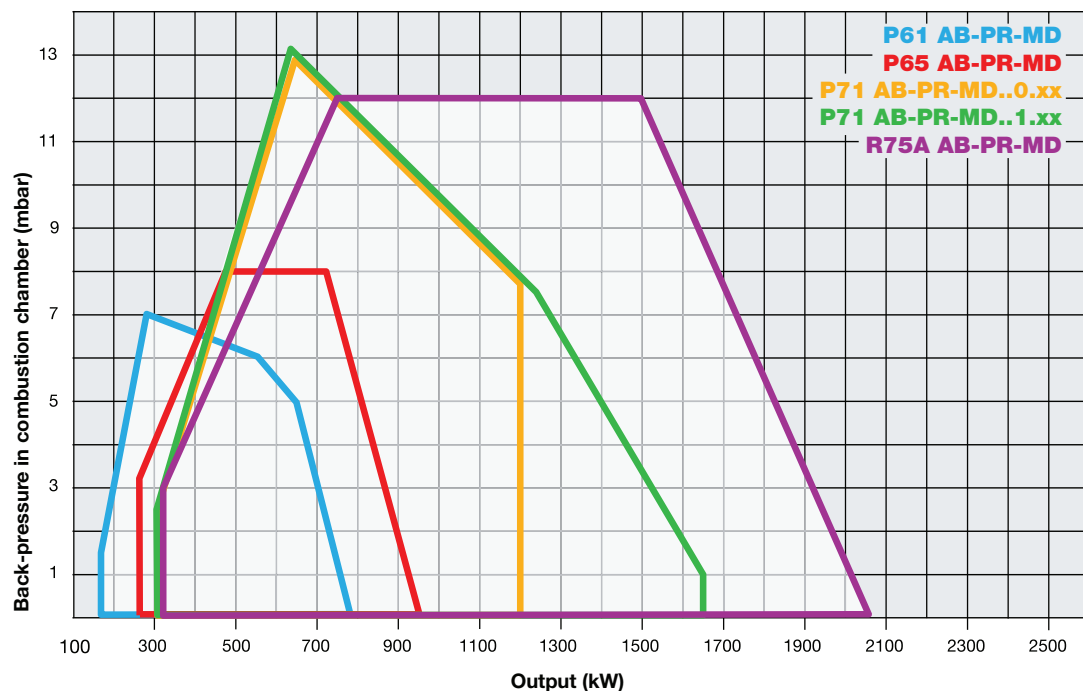




Tecnopress burners cover a wide range of applications from 65 to 2050 kW and are suitable either for heating generators with high back pressure or suction in combustion chamber. This series represents the highest expression of our experience on gas burners. The combustion head "bell shaped" is able to produce high performance flame. The practicality of all set-up devices together with an easy maintenance procedure and a high quality/price ratio make this product very competitive.

For efficient combustion and good mixing between gas and air, the position of the combustion head can be modified backwards and forwards by means of a screw adjustment. In addition, an adjustable cam driven by the modulating motor allows a smooth transition from low to high fire.

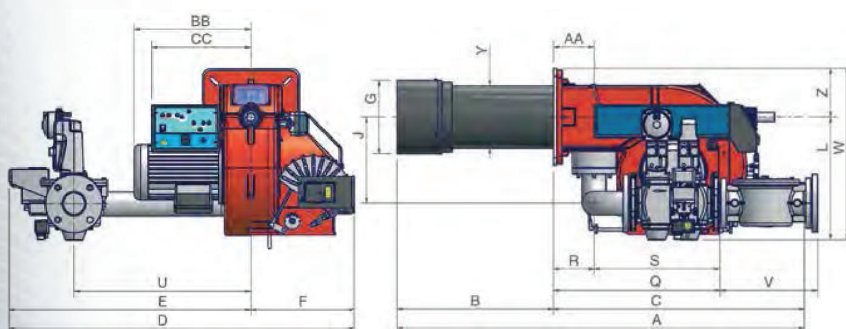
A circuit board with pre-wired plug connections, inside the control panel, ensures correct wiring in case of maintenance.



TECHNICAL DETAILS

Type	Model	Power kW		Electric power supply	Fan motor kW	Gas connections Rp
		min.	max.			
P61	M-.xx.x.IT.A.0.xx	160	800	230/400V 3N ac	1,1	1"1/4-1"1/2-2" - DN65
P65	M-.xx.x.IT.A.0.xx	270	970	230/400V 3N ac	1,5	1"1/2-2" - DN65
P71	M-.xx.x.IT.A.0.xx	300	1.200	230/400V 3N ac	2,2	1"1/2-2" - DN65 - DN80
P71	M-.xx.x.IT.A.1.xx	300	1.650	230/400V 3N ac	2,2	1"1/2-2" - DN65 - DN80
R75A	M-.xx.S.IT.A.1.xx	320	2.050	230/400V 3N ac	3,0	2" - DN65 - DN80

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

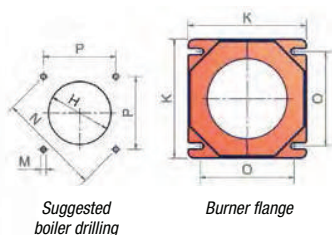


Type	Packaging dimensions* (mm)			
	l	p	h	kg
P61*	1200	670	540	60
P65*	1280	850	760	100
P71*	1280	850	760	120
R75A**	1280	850	760	125

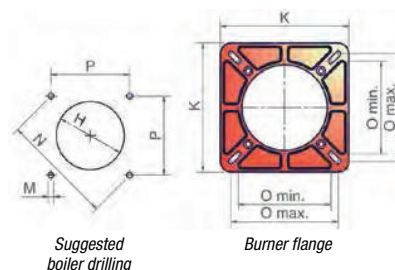
(*) Approximate values (regarding model with gas train DN 65)

(**) Approximate values (regarding model with gas train DN 80)

P61



P65 - P71 - R75A



Type	Model	Overall dimensions* (mm)																												
		AS	AL	AA	B(S*)	B(L*)	BB	C	CC	D	E	F	G	H	J	K	L	M	N	O		P	Q	R	S	U	V	W	Y	Z
																				min.	max.									
P61	M-.xx.x.IT.A.0.32	1079	1169	99	343	433	314	736	298	812	500	312	184	204	210	240	344	M10	269	190	190	190	341	112	229	444	-	464	162	120
P61	M-.xx.x.IT.A.0.40	1079	1169	99	343	433	314	736	298	812	500	312	184	204	210	240	344	M10	269	190	190	190	439	112	327	444	-	464	162	120
P61	M-.xx.x.IT.A.0.50	1079	1169	99	343	433	314	736	298	812	500	312	184	204	210	240	344	M10	269	190	190	190	447	112	335	444	-	464	162	120
P61	M-.xx.x.IT.A.0.65	1079	1169	99	343	433	314	736	298	997	685	312	184	204	250	240	420	M10	269	190	190	190	515	112	403	540	313	540	162	120
P65	M-.xx.x.IT.A.0.40	1129	1219	130	326	416	373	803	316	900	568	332	184	218	208	300	376	M10	330	216	250	233	457	130	327	519	-	531	198	155
P65	M-.xx.x.IT.A.0.50	1129	1219	130	326	416	373	803	316	900	568	332	184	218	208	300	376	M10	330	216	250	233	465	130	335	519	-	531	198	155
P65	M-.xx.x.IT.A.0.65	1129	1219	130	326	416	373	803	316	998	666	332	184	218	275	300	393	M10	330	216	250	233	533	130	403	565	313	548	198	155
P71	M-.xx.x.IT.A.1.40	1188	1298	130	385	495	373	803	316	1026	694	332	234	264	208	300	376	M10	330	216	250	233	457	130	327	519	-	531	198	155
P71	M-.xx.x.IT.A.1.50	1188	1298	130	385	495	373	803	316	1026	694	332	234	264	208	300	376	M10	330	216	250	233	465	130	335	519	-	531	198	155
P71	M-.xx.x.IT.A.1.65	1188	1298	130	385	495	373	803	316	1104	772	332	234	264	275	300	393	M10	330	216	250	233	533	130	403	565	313	548	198	155
P71	M-.xx.x.IT.A.1.80	1188	1298	130	385	495	373	803	316	1106	774	332	234	264	275	300	407	M10	330	216	250	233	574	130	444	565	344	562	198	155
R75A	M-.xx.S.IT.A.1.50	1429	-	138	503	-	374	926	330	1062	700	362	254	270	229	300	420	M10	330	216	250	233	465	130	335	525	-	575	210	155
R75A	M-.xx.S.IT.A.1.65	1429	-	138	503	-	374	926	330	1139	777	362	254	270	296	300	420	M10	330	216	250	233	533	130	403	570	313	575	210	155
R75A	M-.xx.S.IT.A.1.80	1429	-	138	503	-	374	926	330	1141	779	362	254	270	296	300	428	M10	330	216	250	233	574	130	444	570	344	583	210	155

(*) Approximate values


MECHANICAL OPERATION

Model	Gas train	Operation	P61		P65	
			Code	Price €	Code	Price €
M-AB.S.IT.A.0.32	1"¼	AB	004013942		-	
M-AB.L.IT.A.0.32	1"¼	AB	004014042		-	
M-AB.S.IT.A.0.40	1"½	AB	004014142		008011542	
M-AB.L.IT.A.0.40	1"½	AB	004014242		008012042	
M-AB.S.IT.A.0.50	2"	AB	004014342		008010942	
M-AB.L.IT.A.0.50	2"	AB	004014442		008011042	
M-AB.S.IT.A.0.65	DN65	AB	004014542		008011142	
M-AB.L.IT.A.0.65	DN65	AB	004014642		008011242	
M-PR.S.IT.A.0.32	1"¼	PR	004013943		-	
M-PR.L.IT.A.0.32	1"¼	PR	004014043		-	
M-PR.S.IT.A.0.40	1"½	PR	004014143		008011543	
M-PR.L.IT.A.0.40	1"½	PR	004014243		008012043	
M-PR.S.IT.A.0.50	2"	PR	004014343		008010943	
M-PR.L.IT.A.0.50	2"	PR	004014443		008011043	
M-PR.S.IT.A.0.65	DN65	PR	004014543		008011143	
M-PR.L.IT.A.0.65	DN65	PR	004014643		008011243	
M-MD.S.IT.A.0.32	1"¼	MD(*)	004013944		-	
M-MD.L.IT.A.0.32	1"¼	MD(*)	004014044		-	
M-MD.S.IT.A.0.40	1"½	MD(*)	004014144		008011544	
M-MD.L.IT.A.0.40	1"½	MD(*)	004014244		008012044	
M-MD.S.IT.A.0.50	2"	MD(*)	004014344		008010944	
M-MD.L.IT.A.0.50	2"	MD(*)	004014444		008011044	
M-MD.S.IT.A.0.65	DN65	MD(*)	004014544		008011144	
M-MD.L.IT.A.0.65	DN65	MD(*)	004014644		008011244	

(*) 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

MECHANICAL OPERATION

Model	Gas train	Operation	P71		R75A	
			Code	Price €	Code	Price €
M-AB.S.IT.A.0.40	1"½	AB	008014142		-	
M-AB.L.IT.A.0.40	1"½	AB	008014242		-	
M-AB.S.IT.A.0.50	2"	AB	008014342		-	
M-AB.L.IT.A.0.50	2"	AB	008014442		-	
M-AB.S.IT.A.0.65	DN65	AB	008014542		-	
M-AB.L.IT.A.0.65	DN65	AB	008014642		-	
M-AB.S.IT.A.0.80	DN80	AB	008014742		-	
M-AB.L.IT.A.0.80	DN80	AB	008014842		-	
M-PR.S.IT.A.0.40	1"½	PR	008014143		-	
M-PR.L.IT.A.0.40	1"½	PR	008014243		-	
M-PR.S.IT.A.0.50	2"	PR	008014343		-	
M-PR.L.IT.A.0.50	2"	PR	008014443		-	
M-PR.S.IT.A.0.65	DN65	PR	008014543		-	
M-PR.L.IT.A.0.65	DN65	PR	008014643		-	
M-PR.S.IT.A.0.80	DN80	PR	008014743		-	
M-PR.L.IT.A.0.80	DN80	PR	008014843		-	
M-MD.S.IT.A.0.40	1"½	MD(*)	008014144		-	
M-MD.L.IT.A.0.40	1"½	MD(*)	008014244		-	
M-MD.S.IT.A.0.50	2"	MD(*)	008014344		-	
M-MD.L.IT.A.0.50	2"	MD(*)	008014444		-	
M-MD.S.IT.A.0.65	DN65	MD(*)	008014544		-	
M-MD.L.IT.A.0.65	DN65	MD(*)	008014644		-	
M-MD.S.IT.A.0.80	DN80	MD(*)	008014744		-	
M-MD.L.IT.A.0.80	DN80	MD(*)	008014844		-	
M-AB.S.IT.A.1.40	1"½	AB	008014152		-	
M-AB.L.IT.A.1.40	1"½	AB	008014252		-	
M-AB.S.IT.A.1.50	2"	AB	008014352		030010452	
M-AB.L.IT.A.1.50	2"	AB	008014452		-	
M-AB.S.IT.A.1.65	DN65	AB	008014552		030010552	
M-AB.L.IT.A.1.65	DN65	AB	008014652		-	
M-AB.S.IT.A.1.80	DN80	AB	008014752		030010652	
M-AB.L.IT.A.1.80	DN80	AB	008014852		-	
M-PR.S.IT.A.1.40	1"½	PR	008014153		-	
M-PR.L.IT.A.1.40	1"½	PR	008014253		-	
M-PR.S.IT.A.1.50	2"	PR	008014353		030010453	
M-PR.L.IT.A.1.50	2"	PR	008014453		-	
M-PR.S.IT.A.1.65	DN65	PR	008014553		030010553	
M-PR.L.IT.A.1.65	DN65	PR	008014653		-	
M-PR.S.IT.A.1.80	DN80	PR	008014753		030010653	
M-PR.L.IT.A.1.80	DN80	PR	008014853		-	
M-MD.S.IT.A.1.40	1"½	MD(*)	008014154		-	
M-MD.L.IT.A.1.40	1"½	MD(*)	008014254		-	
M-MD.S.IT.A.1.50	2"	MD(*)	008014354		030010454	
M-MD.L.IT.A.1.50	2"	MD(*)	008014454		-	
M-MD.S.IT.A.1.65	DN65	MD(*)	008014554		030010554	
M-MD.L.IT.A.1.65	DN65	MD(*)	008014654		-	
M-MD.S.IT.A.1.80	DN80	MD(*)	008014754		030010654	
M-MD.L.IT.A.1.80	DN80	MD(*)	008014854		-	

(*) 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


ELECTRONIC OPERATION

Model	Gas train	Operation	P61		P65	
			Code	Price €	Code	Price €
M-.PR.S.IT.A.1.32.EA	1"¼	PR	00401395A		-	
M-.PR.L.IT.A.1.32.EA	1"¼	PR	00401405A		-	
M-.PR.S.IT.A.1.40.EA	1"½	PR	00401415A		00801155A	
M-.PR.L.IT.A.1.40.EA	1"½	PR	00401425A		00801205A	
M-.PR.S.IT.A.1.50.EA	2"	PR	00401435A		00801095A	
M-.PR.L.IT.A.1.50.EA	2"	PR	00401445A		00801105A	
M-.PR.S.IT.A.1.65.EA	DN65	PR	00401455A		00801115A	
M-.PR.L.IT.A.1.65.EA	DN65	PR	00401465A		00801125A	
M-.MD.S.IT.A.1.32.EA	1"¼	MD(*)	00401395E		-	
M-.MD.L.IT.A.1.32.EA	1"¼	MD(*)	00401405E		-	
M-.MD.S.IT.A.1.40.EA	1"½	MD(*)	00401415E		00801155E	
M-.MD.L.IT.A.1.40.EA	1"½	MD(*)	00401425E		00801205E	
M-.MD.S.IT.A.1.50.EA	2"	MD(*)	00401435E		00801095E	
M-.MD.L.IT.A.1.50.EA	2"	MD(*)	00401445E		00801105E	
M-.MD.S.IT.A.1.65.EA	DN65	MD(*)	00401455E		00801115E	
M-.MD.L.IT.A.1.65.EA	DN65	MD(*)	00401465E		00801125E	
M-.MD.S.IT.A.1.32.ES	1"¼	MD(*)	00401395S		-	
M-.MD.L.IT.A.1.32.ES	1"¼	MD(*)	00401405S		-	
M-.MD.S.IT.A.1.40.ES	1"½	MD(*)	00401415S		00801155S	
M-.MD.L.IT.A.1.40.ES	1"½	MD(*)	00401425S		00801205S	
M-.MD.S.IT.A.1.50.ES	2"	MD(*)	00401435S		00801095S	
M-.MD.L.IT.A.1.50.ES	2"	MD(*)	00401445S		00801105S	
M-.MD.S.IT.A.1.65.ES	DN65	MD(*)	00401455S		00801115S	
M-.MD.L.IT.A.1.65.ES	DN65	MD(*)	00401465S		00801125S	

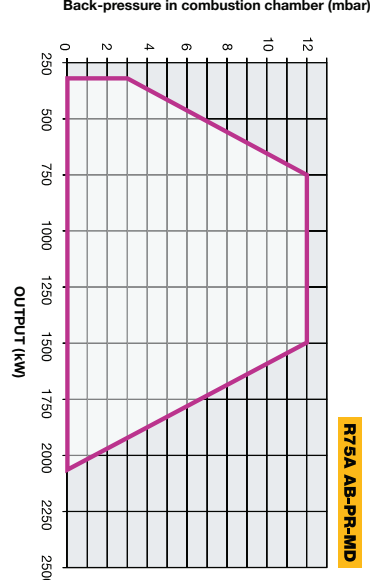
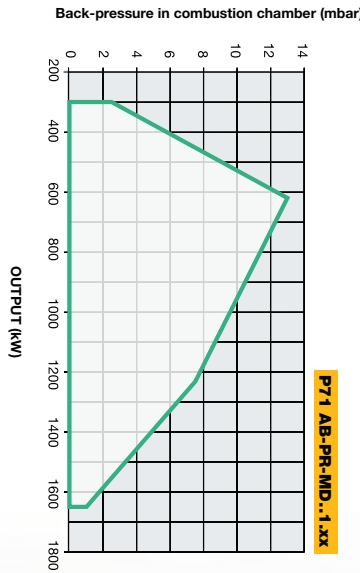
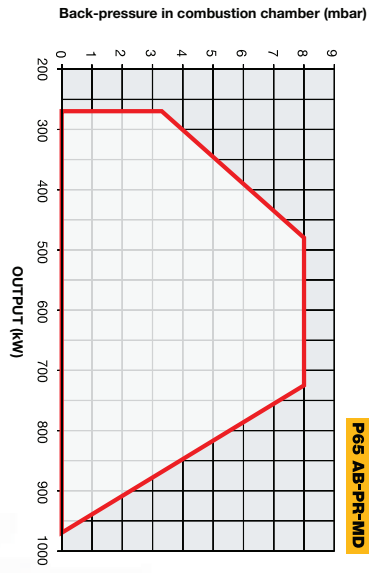
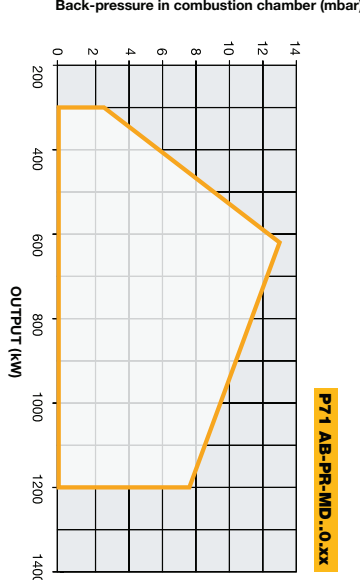
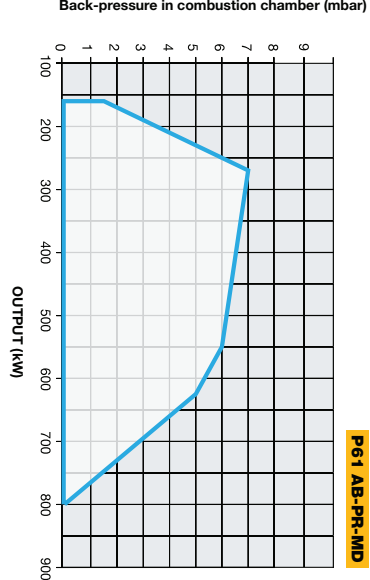
(*) In order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 238).

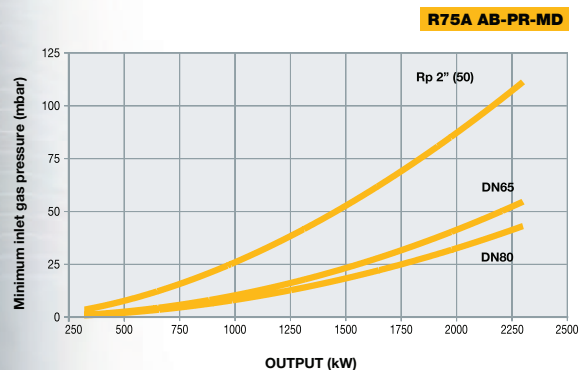
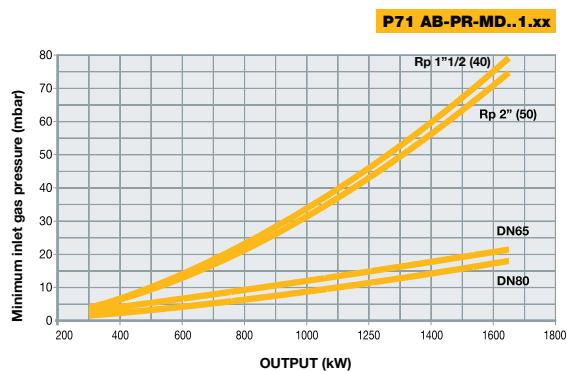
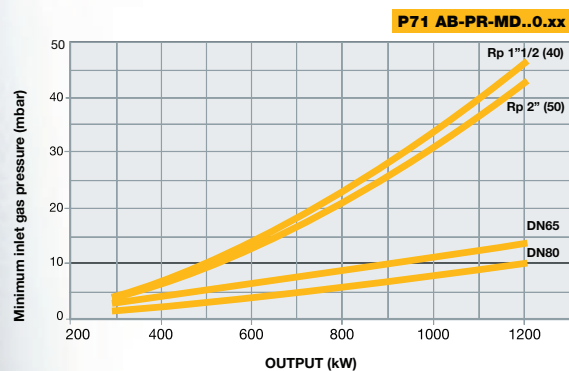
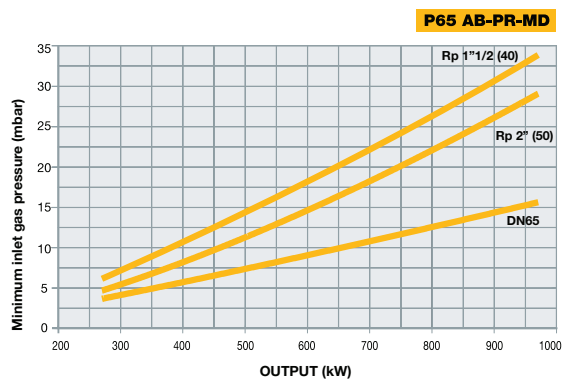
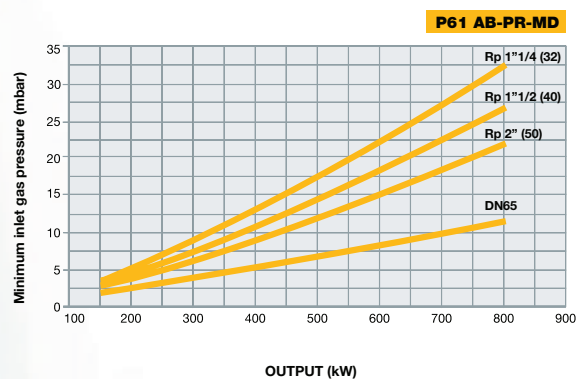
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Model	Gas train	Operation	P71		R75A	
			Code	Price €	Code	Price €
M-PR.S.IT.A.1.40.EA	1"½	PR	00801415A		-	
M-PR.L.IT.A.1.40.EA	1"½	PR	00801425A		-	
M-PR.S.IT.A.1.50.EA	2"	PR	00801435A		03001045A	
M-PR.L.IT.A.1.50.EA	2"	PR	00801445A		-	
M-PR.S.IT.A.1.65.EA	DN65	PR	00801455A		03001055A	
M-PR.L.IT.A.1.65.EA	DN65	PR	00801465A		-	
M-PR.S.IT.A.1.80.EA	DN80	PR	00801475A		03001065A	
M-PR.L.IT.A.1.80.EA	DN80	PR	00801485A		-	
M-MD.S.IT.A.1.40.EA	1"½	MD(*)	00801415E		-	
M-MD.L.IT.A.1.40.EA	1"½	MD(*)	00801425E		-	
M-MD.S.IT.A.1.50.EA	2"	MD(*)	00801435E		03001045A	
M-MD.L.IT.A.1.50.EA	2"	MD(*)	00801445E		-	
M-MD.S.IT.A.1.65.EA	DN65	MD(*)	00801455E		03001055A	
M-MD.L.IT.A.1.65.EA	DN65	MD(*)	00801465E		-	
M-MD.S.IT.A.1.80.EA	DN80	MD(*)	00801475E		03001065A	
M-MD.L.IT.A.1.80.EA	DN80	MD(*)	00801485E		-	
M-MD.S.IT.A.1.40.ES	1"½	MD(*)	00801415S		-	
M-MD.L.IT.A.1.40.ES	1"½	MD(*)	00801425S		-	
M-MD.S.IT.A.1.50.ES	2"	MD(*)	00801435S		03001045S	
M-MD.L.IT.A.1.50.ES	2"	MD(*)	00801445S		-	
M-MD.S.IT.A.1.65.ES	DN65	MD(*)	00801455S		03001055S	
M-MD.L.IT.A.1.65.ES	DN65	MD(*)	00801465S		-	
M-MD.S.IT.A.1.80.ES	DN80	MD(*)	00801475S		03001065S	
M-MD.L.IT.A.1.80.ES	DN80	MD(*)	00801485S		-	

(*) 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.