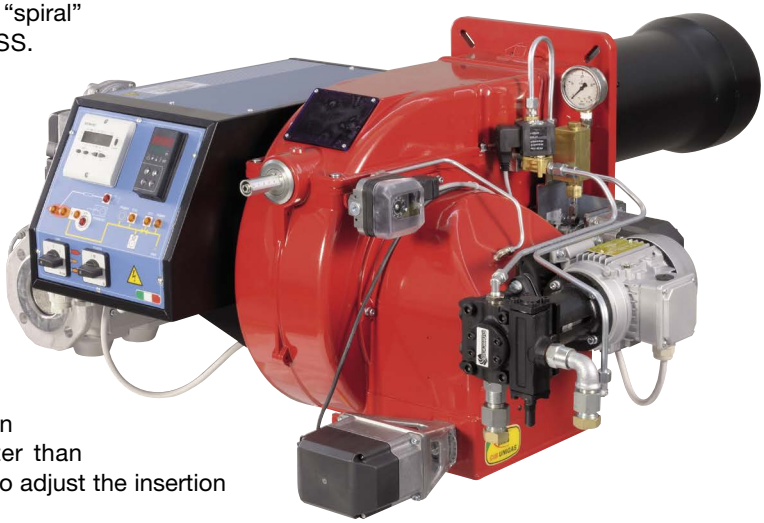
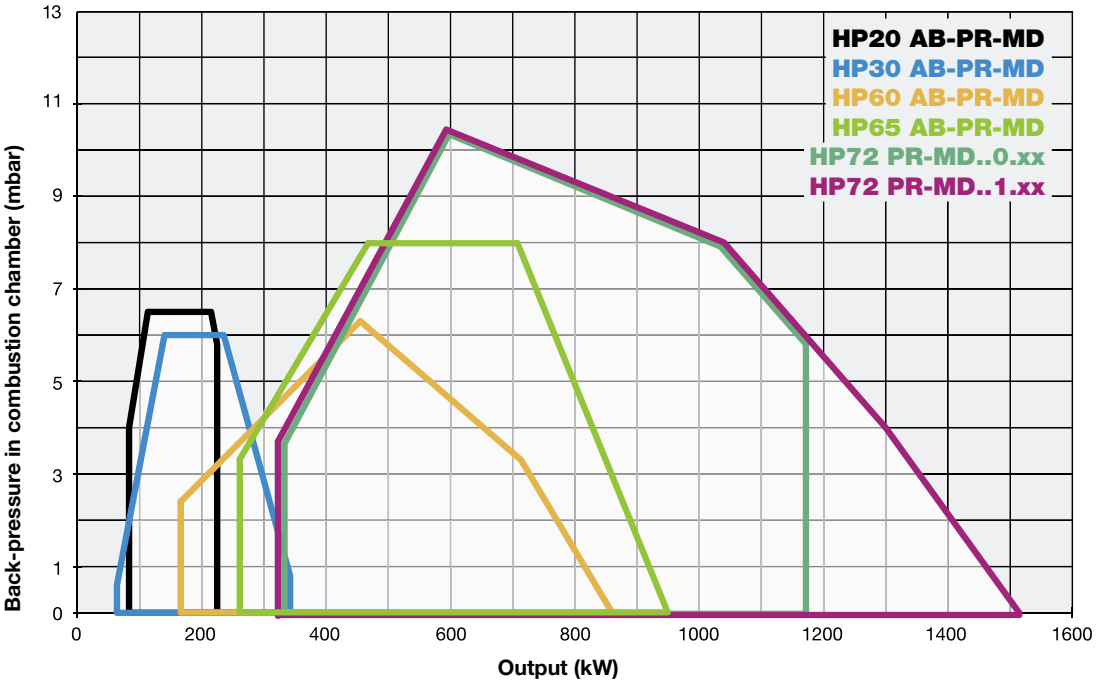
tecnopress SERIES HP20 HP30 HP60 HP65 HP72

GAS/LIGHT OIL

These burners are characterized by the “spiral” line typical of the series TECNOPRESS.
They are suitable both for big and for small outputs (up to 1.550 kW).
Moreover they are suitable to burn either natural gas or light oil thanks to the adjustable combustion head which allows a good performance with both fuels.
The control panel is printed with a mimic diagram fitted with neon lamps to indicate the different stages of the burner operation.
Like all other models, they can work with standard and long combustion head. If the combustion head is shorter than the standard one, a spacer is available to adjust the insertion length into the combustion chamber.
All regulations and settings devices are simple and practical for both fuels thanks to high quality leverages.



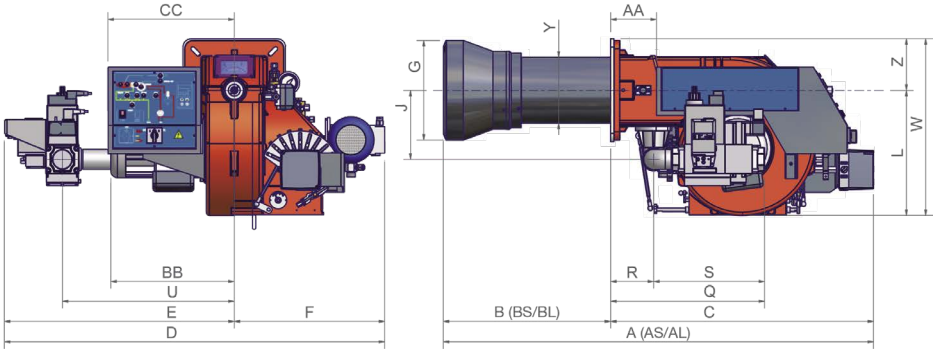
Electronic set up (optional)



TECHNICAL DETAILS

Type	Model	Power kW		Electric power	Fan motor	Pump motor	Gas connections
		min.	max.	supply	kW	kW	
HP20	MG.xx.x.xx.A.0.25	85	230	230 V 1N ac	0,37	0,18	1”
HP30	MG.xx.S.xx.A.0.xx	65	350	230 V 1N ac	0,37	0,18	1”¼ - 1”½
HP60	MG.xx.S.xx.A.0.xx	170	880	230/400 V 3N ac	1,10	0,55	1”¼ - 1”½ - 2” - DN65
HP65	MG.xx.S.xx.A.x.xx	270	970	230/400 V 3N ac	1,50	0,55	1”½ - 2” - DN65
HP72	MG.xx.S.xx.A.0.xx	330	1200	230/400 V 3N ac	2,20	0,55	1”½ - 2” - DN65 - DN80
HP72	MG.xx.S.xx.A.1.xx	330	1550	230/400 V 3N ac	2,20	0,55	1”½ - 2” - DN65 - DN80

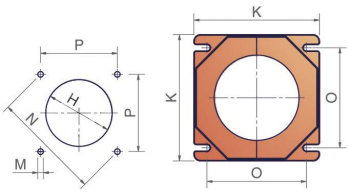
For the configuration of the gas train, see page 101.



Type	Packaging dimensions (mm)			
	l	p	h	kg
HP20/HP30	980	800	620	75
HP60	1360	930	820	120
HP65	1370	1130	820	130
HP72	1370	1130	820	160

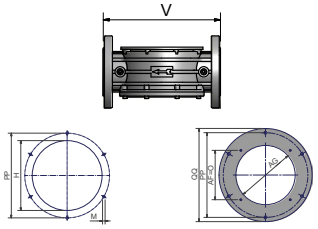
Approximate values

HP20 - HP30 - HP60



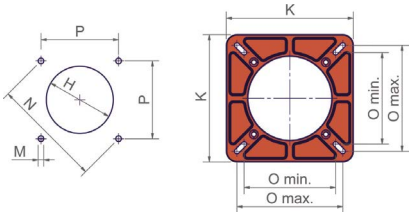
Suggested boiler drilling *Burner flange*

DN65 - DN80



Suggested boiler drilling *Counterflange*

HP65 - HP72



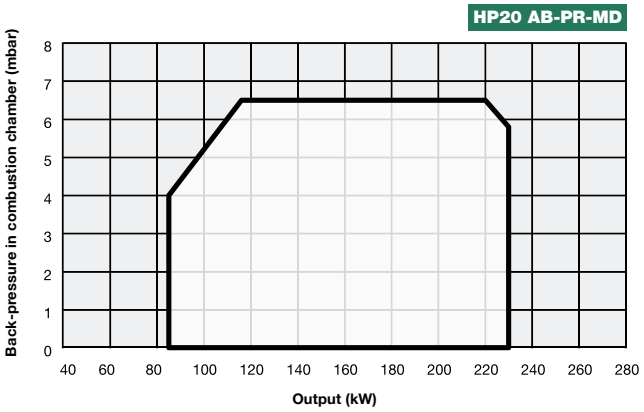
Suggested boiler drilling *Burner flange*

Type	Model	Overall dimensions (mm)																																	
		AA	AG	AL	AS	BB	BL	BS	C	CC	D	E	F	G	H	J	K	L	M	N	O min.	O max.	P	PP	Q	QQ	R	S	U	V	W	Y	Z
HP20	MG.xx.x.xx.A.0.25	-	-	813	728	-	258	173	555	-	830	510	320	126	151	178	190	290	M10	219	155	155	155	-	-	-	-	-	360	-	-	115	-
HP30	MG.xx.S.xx.A.0.xx	-	-	-	855	-	-	300	555	-	830	510	320	150	162	178	190	290	M10	219	155	155	155	-	-	-	-	-	360	-	-	133	-
HP60	MG.xx.S.xx.A.0.32	99	-	-	1119	314	-	383	736	362	930	500	430	240	280•	210	240	344	M10	269	190	190	190	-	445	-	112	327	444	-	464	162	120
HP60	MG.xx.S.xx.A.0.40	99	-	-	1119	314	-	383	736	362	930	500	430	240	280•	210	240	344	M10	269	190	190	190	-	445	-	112	327	444	-	464	162	120
HP60	MG.xx.S.xx.A.0.50	99	-	-	1119	314	-	383	736	362	930	500	430	240	280•	210	240	344	M10	269	190	190	190	-	445	-	112	335	444	-	464	162	120
HP60	MG.xx.S.xx.A.0.65	99	-	-	1119	314	-	383	736	362	1115	685	430	240	280•	250	240	420	M10	269	190	190	190	-	845	-	112	403	540	292	540	162	120
HP65	MG.xx.S.xx.A.1.40	139	-	-	1156	347	-	362	794	380	1148	694	454	240	280	208	300	376	M10	330	216	250	233	-	457	-	130	327	519	-	531	162	155
HP65	MG.xx.S.xx.A.1.50	139	-	-	1156	347	-	362	794	380	1148	694	454	240	280	208	300	376	M10	330	216	250	233	-	465	-	130	335	519	-	531	162	155
HP65	MG.xx.S.xx.A.1.65	139	-	-	1156	347	-	362	794	380	1226	772	454	240	280	275	300	393	M10	330	216	250	233	-	533	-	130	403	565	292	548	162	155
HP72	MG.xx.S.xx.A.0.40	139	-	-	1299	373	-	505	794	382	1022	568	454	300	340•	208	300	376	M10	330	216	250	233	400	465	440	130	335	519	-	531	198	155
HP72	MG.xx.S.xx.A.0.50	139	-	-	1299	373	-	505	794	382	1022	568	454	300	340•	208	300	376	M10	330	216	250	233	400	457	440	130	327	519	-	531	198	155
HP72	MG.xx.S.xx.A.0.65	139	-	-	1299	373	-	505	794	382	1120	666	454	300	340•	275	300	393	M10	330	216	250	233	400	533	440	130	403	565	292	548	198	155
HP72	MG.xx.S.xx.A.0.80	139	-	-	1299	373	-	505	794	382	1120	666	454	300	340•	275	300	407	M10	330	216	250	233	400	574	440	130	444	565	310	562	198	155
HP72	MG.xx.S.xx.A.1.40	139	-	-	1299	373	-	505	794	382	1148	694	454	300	340•	208	300	376	M10	330	216	250	233	400	465	440	130	335	519	-	531	198	155
HP72	MG.xx.S.xx.A.1.50	139	-	-	1299	373	-	505	794	382	1148	694	454	300	340•	208	300	376	M10	330	216	250	233	400	457	440	130	327	519	-	531	198	155
HP72	MG.xx.S.xx.A.1.65	139	-	-	1299	373	-	505	794	382	1226	772	454	300	340•	275	300	393	M10	330	216	250	233	400	533	440	130	403	565	292	548	198	155
HP72	MG.xx.S.xx.A.1.80	139	-	-	1299	373	-	505	794	382	1228	774	454	300	340•	275	300	407	M10	330	216	250	233	400	574	440	130	444	565	310	562	198	155

• Install a counter-flange between the burner and the boiler or in alternative, drill the H hole smaller but higher than the Y point and assemble the combustion head inside the boiler.

Approximate values

HP20 AB-PR-MD



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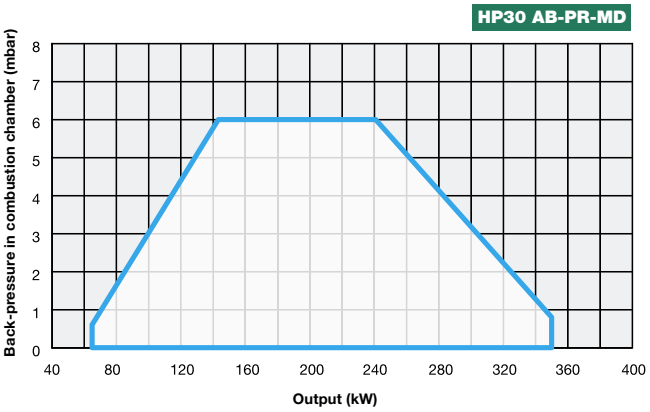

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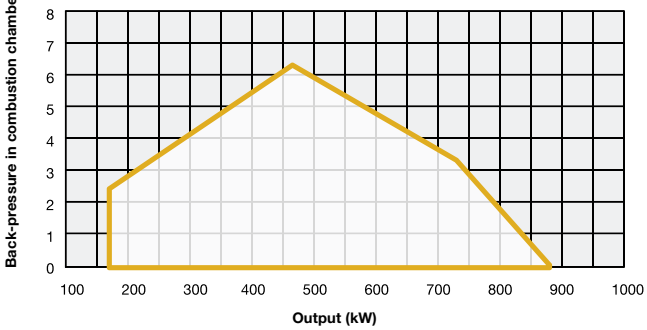

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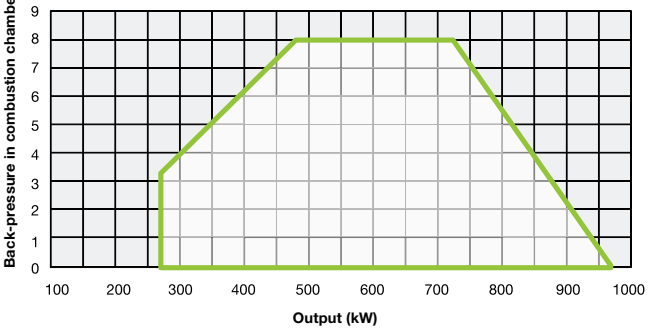

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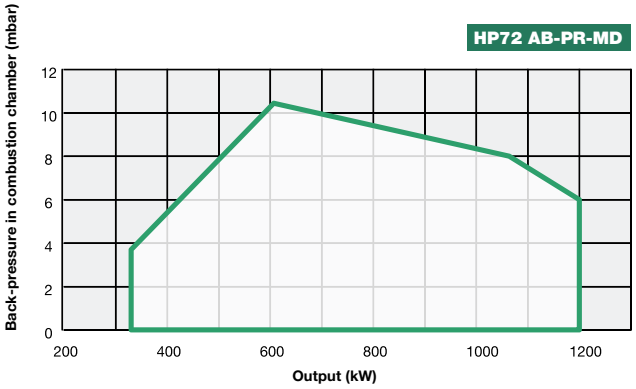

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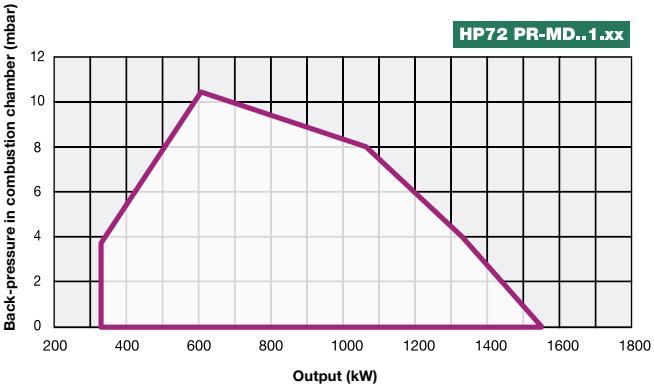

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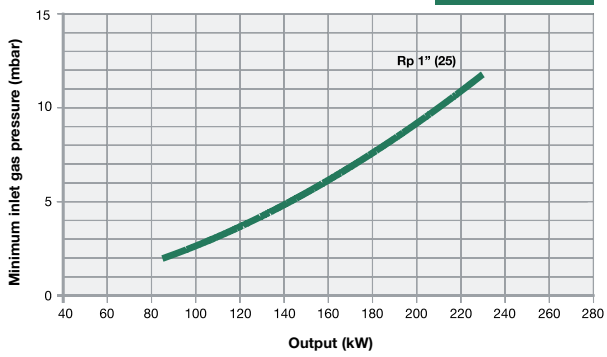

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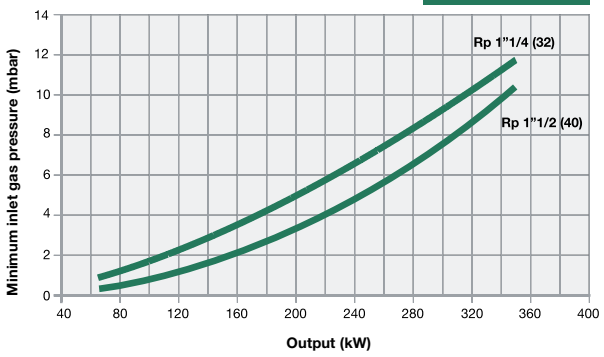

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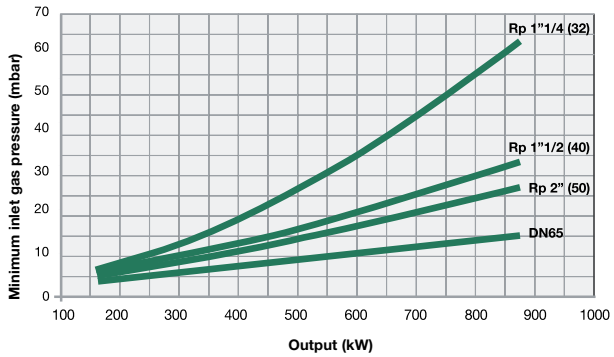

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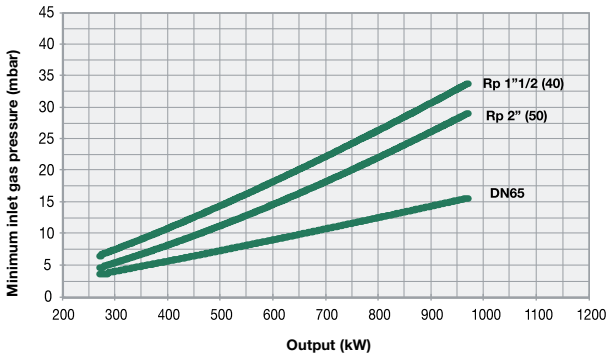

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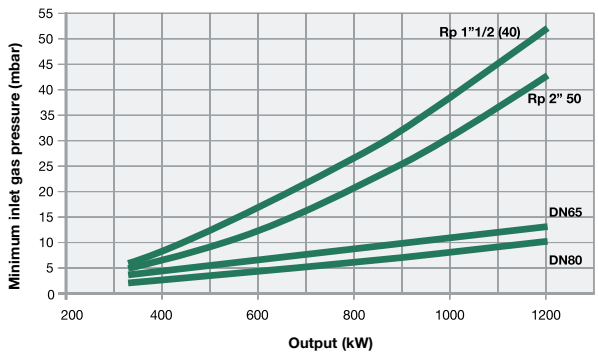

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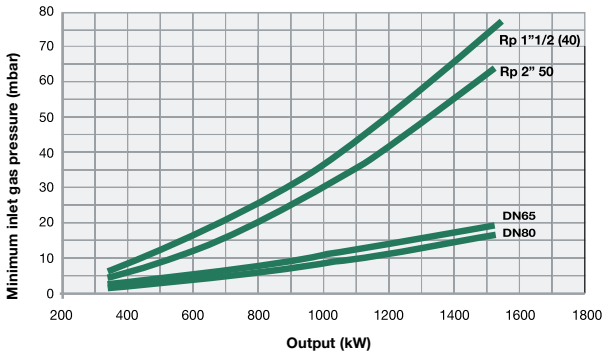

Attention: the graph shows the value of the gas output (kW) against the corresponding pressure without the combustion chamber back pressure. To know the minimum gas pressure at gas train, in order to get the gas output, it is necessary to add the boiler back pressure to the value read on the curve.