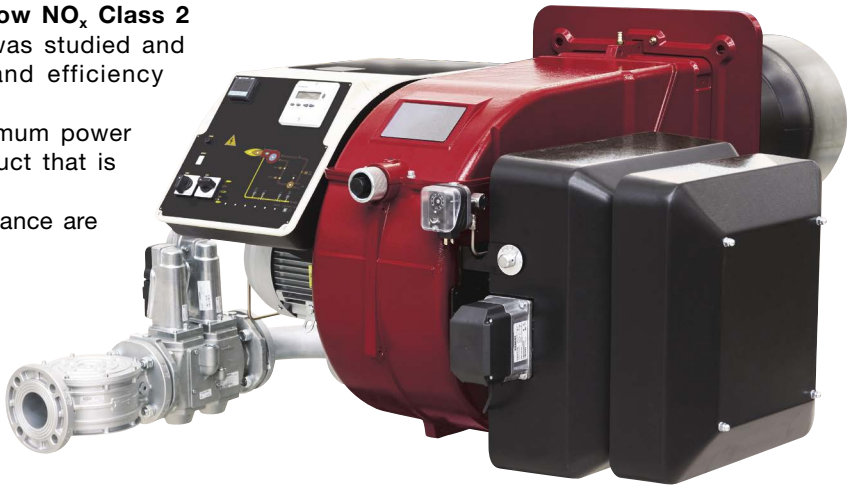
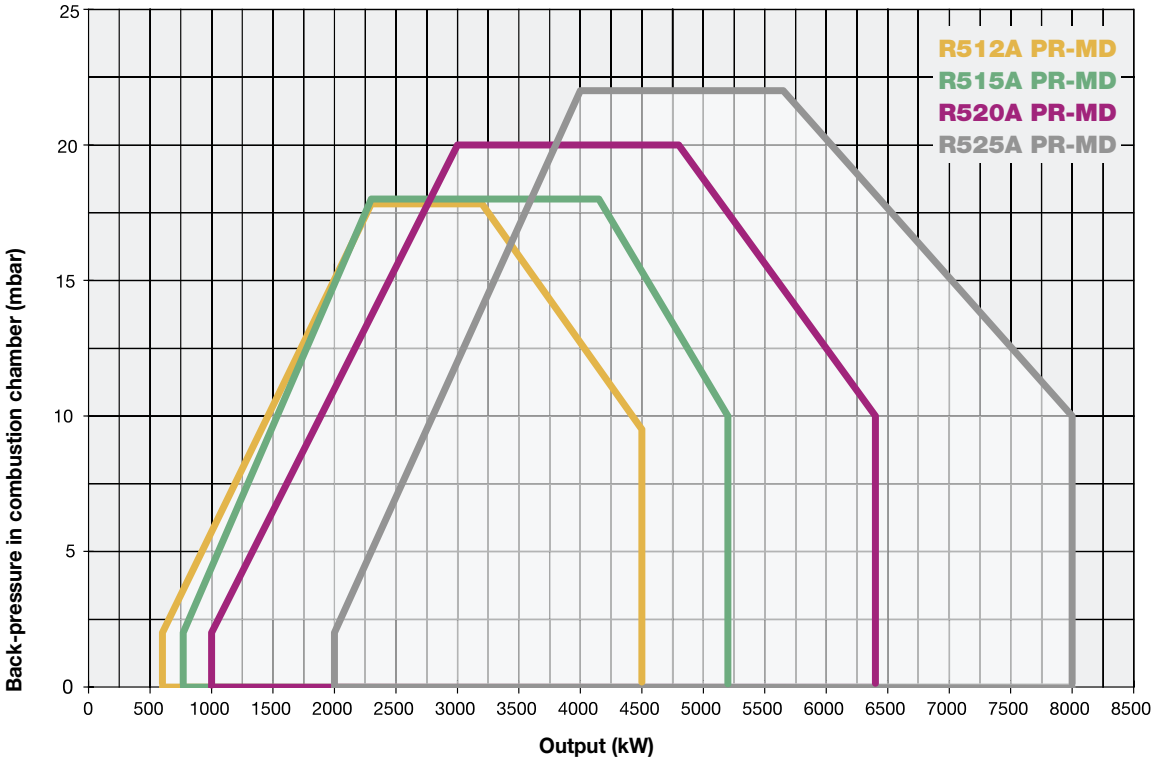
R512A R515A R520A R525A cinquecento SERIES

This range of medium output burners **Low NO_x Class 2 (< 120 mg/kWh)**, made in aluminum, was studied and developed to get high performance and efficiency combined with low emissions.
The CINQUECENTO series with a maximum power of 8000 kW, is in this selection of product that is particularly competitive.
The user-friendly application and maintenance are the strengths of these burners.



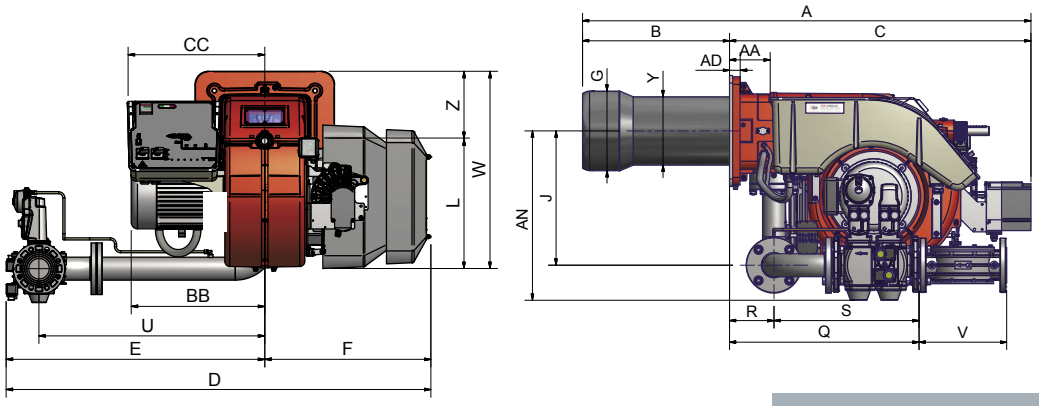
Electronic set up (optional)

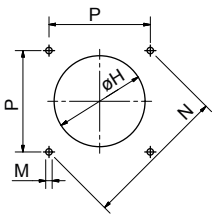


TECHNICAL DETAILS

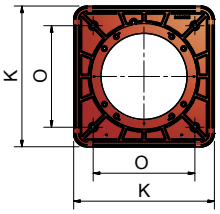
Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor	Gas connections	Noise level
		min.	max.			kW	Rp	dBA
R512A	M-.xx.S.xx.A.1.xxx	600	4.500	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	9,2	2" - DN65 - DN80 - DN100	81,7
R515A	M-.xx.S.xx.A.1.xxx	770	5.200	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	11,0	2" - DN65 - DN80 - DN100	82,3
R520A	M-.xx.S.xx.A.1.xxx	1.000	6.400	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	15,0	2" - DN65 - DN80 - DN100	83,2
R525A	M-.xx.S.xx.A.1.xxx	2.000	8.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	18,5	DN65 - DN80 - DN100	84,9

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





Suggested boiler drilling



Burner flange

Type	Packaging dimensions (mm)			
	l	p	h	kg
R512A	1570	1350	1120	300
R515A	1570	1350	1120	300
R520A	1570	1350	1120	350
R525A	1720	1500	1150	400

Approximate values (regarding model with gas train DN100)

Type	Model	Overall dimensions (mm)																												
		A	AA	AD	AN	B	BB	C	CC	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	U	V	W	Y	Z
R512A	M-.xx.S.xx.A.1.50	1683	220	35	595	530	517	1153	532	1590	946	644	340	380	494	540	494	M14	552	390	390	763	149	614	845	190	764	328	270
R512A	M-.xx.S.xx.A.1.65	1683	220	35	611	530	517	1153	532	1613	969	644	340	380	494	540	494	M14	552	390	390	636	149	487	845	292	764	328	270
R512A	M-.xx.S.xx.A.1.80	1683	220	35	626	530	517	1153	532	1645	1002	644	340	380	494	540	494	M14	552	390	390	687	149	538	875	313	764	328	270
R512A	M-.xx.S.xx.A.1.100	1683	220	35	595	530	517	1153	532	1726	1082	644	340	380	494	540	494	M14	552	390	390	791	149	642	942	353	764	328	270
R515A	M-.xx.S.xx.A.1.50	1683	220	35	595	530	517	1153	532	1590	946	644	380	420	494	540	494	M14	552	390	390	763	149	614	845	190	764	328	270
R515A	M-.xx.S.xx.A.1.65	1683	220	35	611	530	517	1153	532	1613	969	644	380	420	494	540	494	M14	552	390	390	636	149	487	845	292	764	328	270
R515A	M-.xx.S.xx.A.1.80	1683	220	35	626	530	517	1153	532	1645	1002	644	380	420	494	540	494	M14	552	390	390	687	149	538	875	313	764	328	270
R515A	M-.xx.S.xx.A.1.100	1683	220	35	639	530	517	1153	532	1726	1082	644	380	420	494	540	494	M14	552	390	390	791	149	642	942	353	764	328	270
R520A	M-.xx.S.xx.A.1.50	1683	220	35	595	530	517	1153	532	1590	946	644	400	440	494	540	494	M14	552	390	390	755	149	614	844	190	764	328	270
R520A	M-.xx.S.xx.A.1.65	1683	220	35	611	530	517	1153	532	1613	669	644	400	440	494	540	494	M14	552	390	390	636	149	487	845	292	764	328	270
R520A	M-.xx.S.xx.A.1.80	1683	220	35	626	530	517	1153	532	1645	1002	644	400	440	494	540	494	M14	552	390	390	687	149	538	875	313	764	328	270
R520A	M-.xx.S.xx.A.1.100	1683	220	35	639	530	517	1153	532	1726	1082	644	400	440	494	540	494	M14	552	390	390	791	149	642	942	353	764	328	270
R525A	M-.xx.S.xx.A.1.65	1683	220	35	611	530	650	1153	650	1613	669	644	434	484	494	540	494	M14	552	390	390	636	149	487	845	292	764	328	270
R525A	M-.xx.S.xx.A.1.80	1683	220	35	626	530	650	1153	650	1645	1002	644	434	484	494	540	494	M14	552	390	390	687	149	538	875	313	764	328	270
R525A	M-.xx.S.xx.A.1.100	1683	220	35	639	530	650	1153	650	1726	1082	644	434	484	494	540	494	M14	552	390	390	791	149	642	942	353	764	328	270

Approximate values

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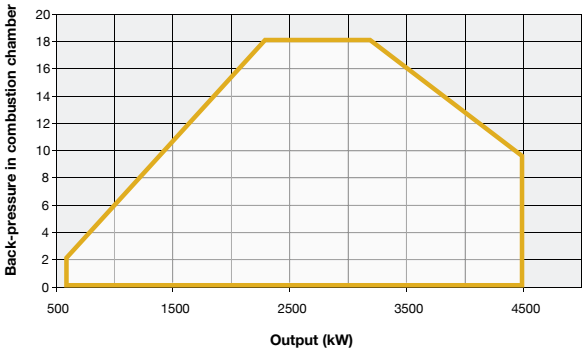
R512A PR-MD



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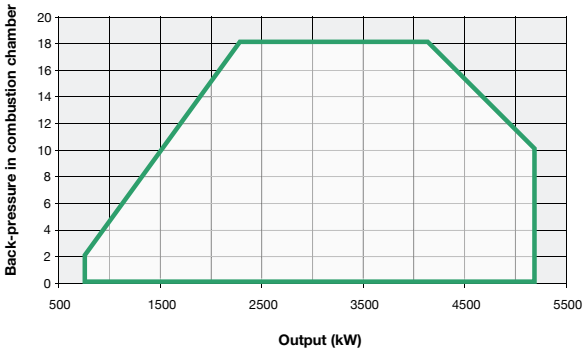

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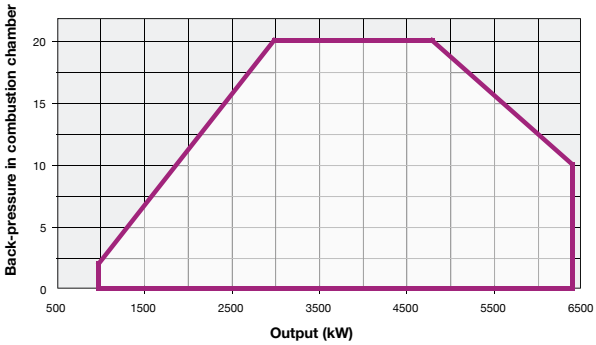

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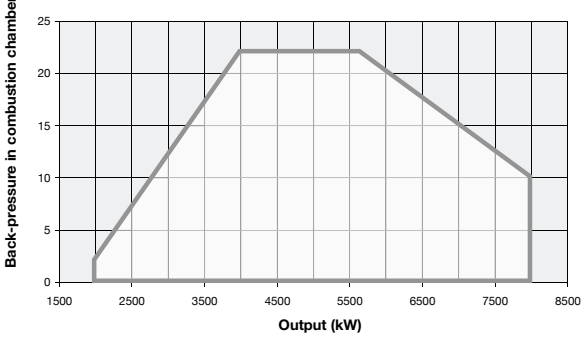

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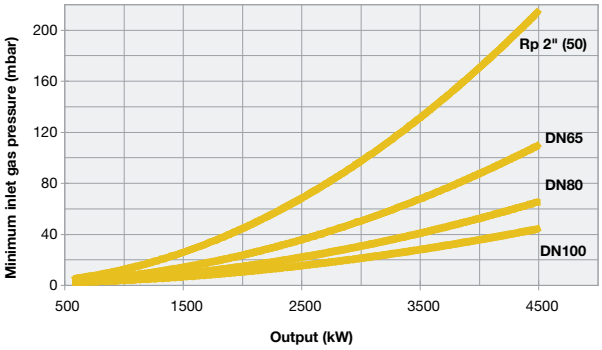

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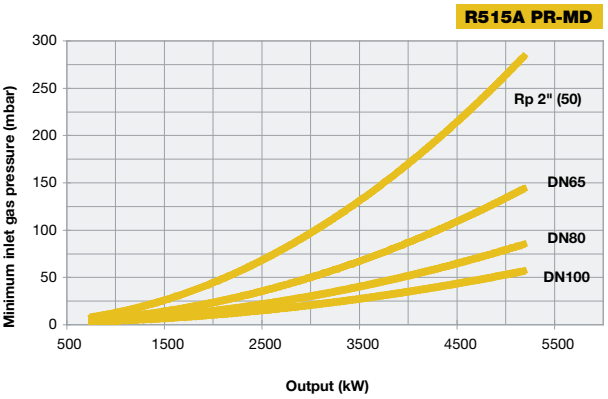

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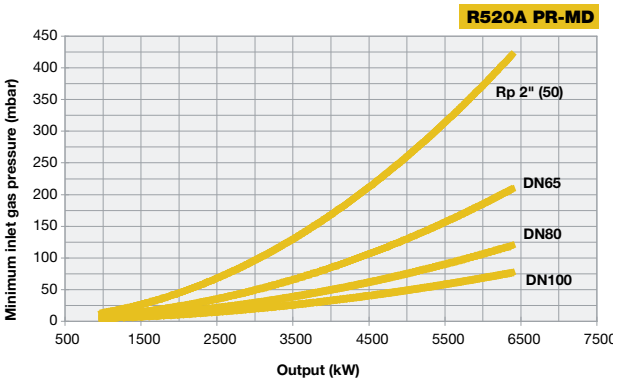

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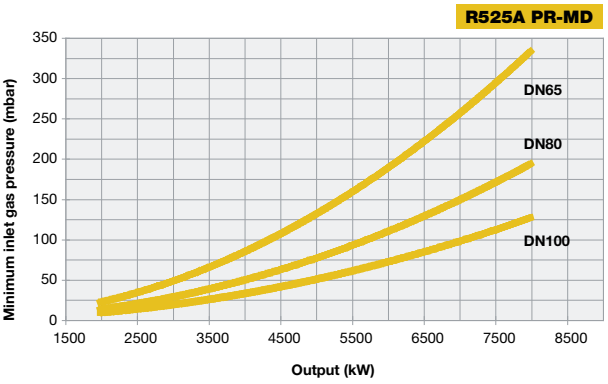

Attention: the graph shows the value of the gas output (kW) against the corresponding pressure without the combustion chamber back pressure. To know the minimum gas pressure at gas train, in order to get the gas output, it is necessary to add the boiler back pressure to the value read on the curve.