

R512A R515A R520A R525A **cinquecento** SERIES

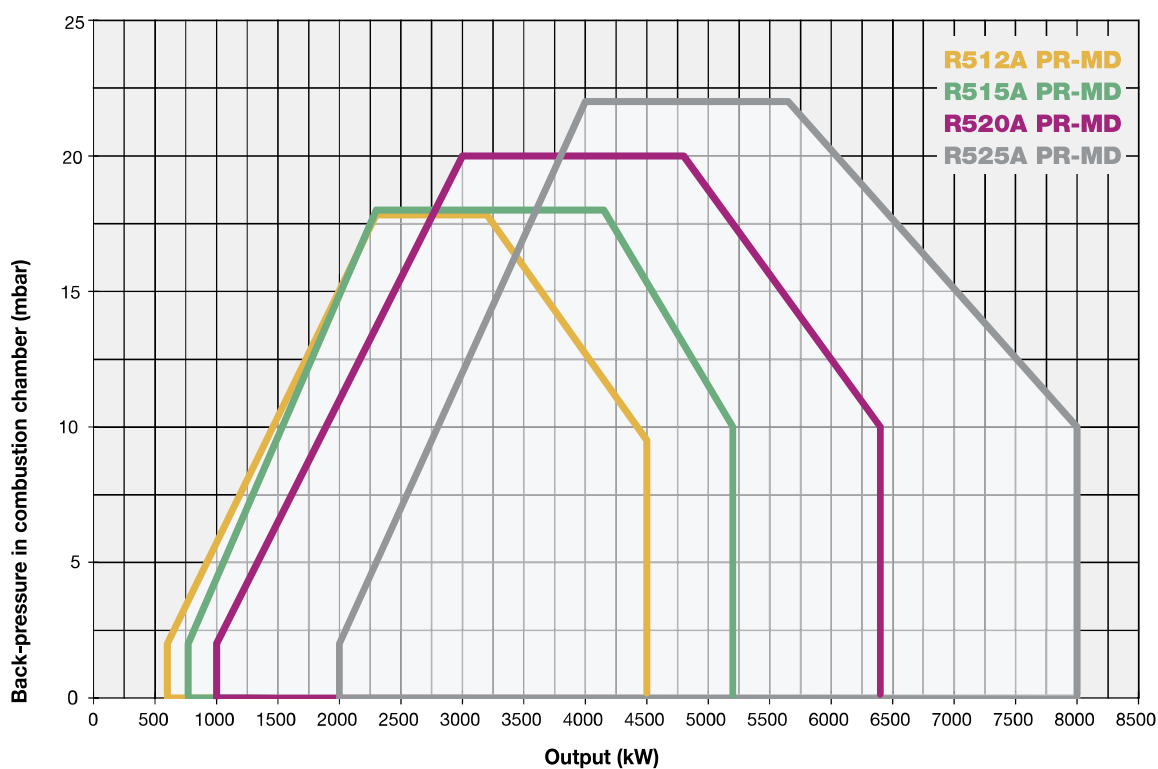
This range of medium output burners **Low NO_x Class 2** (**< 120 mg/kWh**), made in aluminum, was studied and developed to get high performance and efficiency combined with low emissions.

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.



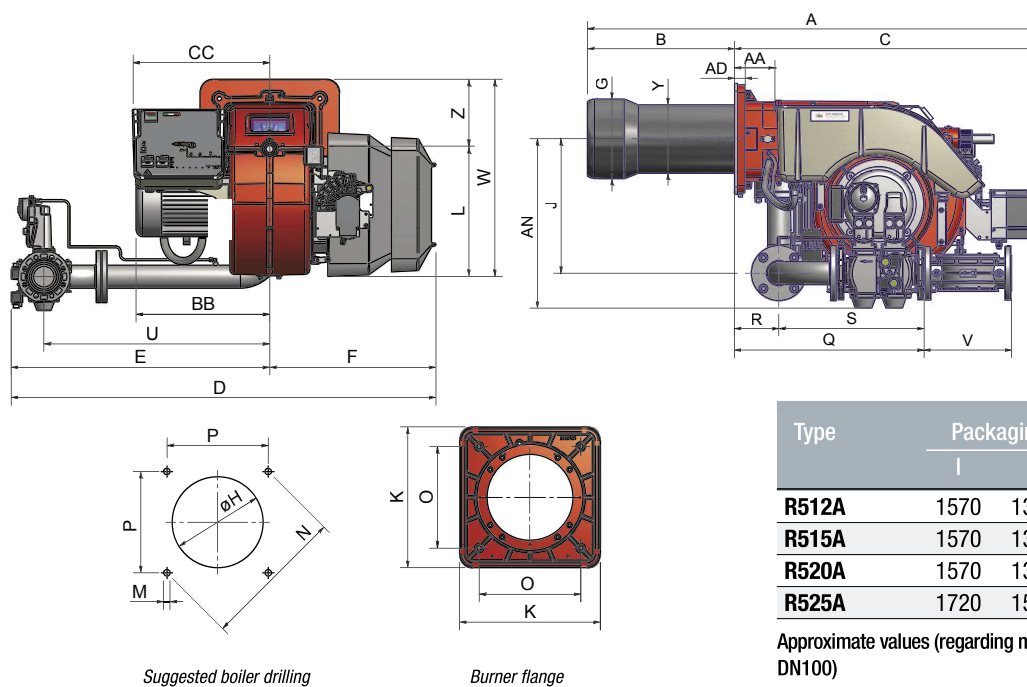
Electronic set up (optional)



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.



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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Approximate values



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MECHANICAL OPERATION

R512A					R515A	
Model	Gas train	Operation	Code	Price €	Code	Price €
M-.PR.S.xx.A.1.50	2"	PR (*)	029010153		029010553	
M-.PR.S.xx.A.1.65	DN65	PR (*)	029010253		029010653	
M-.PR.S.xx.A.1.80	DN80	PR (*)	029010353		029010753	
M-.PR.S.xx.A.1.100	DN100	PR (*)	029010453		029010853	

R520A					R525A	
Model	Gas train	Operation	Code	Price €	Code	Price €
M-.PR.S.xx.A.1.50	2"	PR (*)	029010953		-	
M-.PR.S.xx.A.1.65	DN65	PR (*)	029011053		029011453	
M-.PR.S.xx.A.1.80	DN80	PR (*)	029011153		029011553	
M-.PR.S.xx.A.1.100	DN100	PR (*)	029011253		029011653	

(*) Progressive PR control, for modulating version MD add € (see price list)

In the full modulating version MD in order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 282).

In compliance with GAR DIRECTIVE 2016/426/EU

ELECTRONIC OPERATION

Model	Gas train	Operation	R512A		R515A	
			Code	Price €	Code	Price €
M-.PR.S.xx.A.1.50.EA	2"	PR (*)	02901015A		02901055A	
M-.PR.S.xx.A.1.65.EA	DN65	PR (*)	02901025A		02901065A	
M-.PR.S.xx.A.1.80.EA	DN80	PR (*)	02901035A		02901075A	
M-.PR.S.xx.A.1.100.EA	DN100	PR (*)	02901045A		02901085A	

Model	Gas train	Operation	R520A		R525A	
			Code	Price €	Code	Price €
M-.PR.S.xx.A.1.50.EA	2"	PR (*)	02901095A		-	
M-.PR.S.xx.A.1.65.EA	DN65	PR (*)	02901105A		02901145A	
M-.PR.S.xx.A.1.80.EA	DN80	PR (*)	02901115A		02901155A	
M-.PR.S.xx.A.1.100.EA	DN100	PR (*)	02901125A		02901165A	

(*) Progressive PR control, for modulating version MD add € (see price list)

In the full modulating version MD in order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 282).

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ELECTRONIC OPERATION

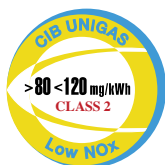
Model	Gas train	Operation	R512A		R515A	
			Code	Price €	Code	Price €
M-.MD.S.xx.A.1.50.ES	2"	MD (**)	02901015S		02901055S	
M-.MD.S.xx.A.1.65.ES	DN65	MD (**)	02901025S		02901065S	
M-.MD.S.xx.A.1.80.ES	DN80	MD (**)	02901035S		02901075S	
M-.MD.S.xx.A.1.100.ES	DN100	MD (**)	02901045S		02901085S	

Model	Gas train	Operation	R520A		R525A	
			Code	Price €	Code	Price €
M-.MD.S.xx.A.1.50.ES	2"	MD (**)	02901095S		-	
M-.MD.S.xx.A.1.65.ES	DN65	MD (**)	02901105S		02901145S	
M-.MD.S.xx.A.1.80.ES	DN80	MD (**)	02901115S		02901155S	
M-.MD.S.xx.A.1.100.ES	DN100	MD (**)	02901125S		02901165S	

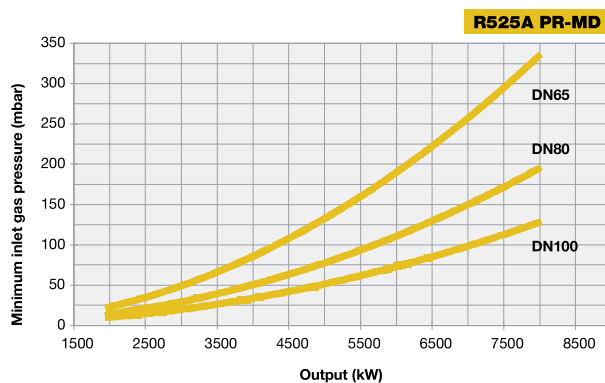
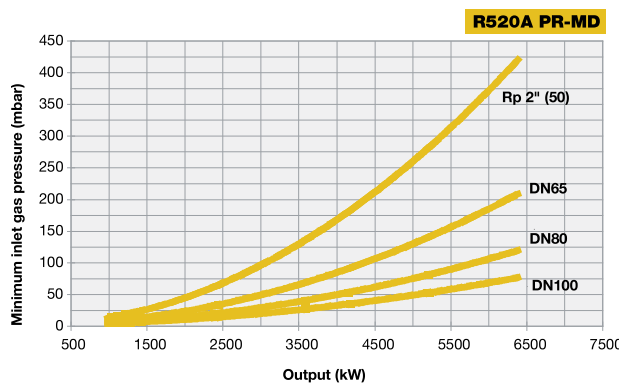
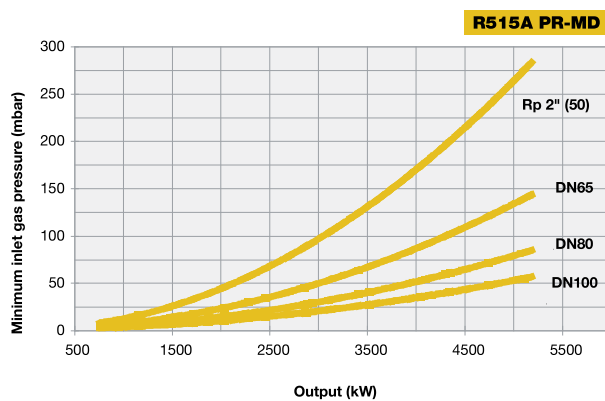
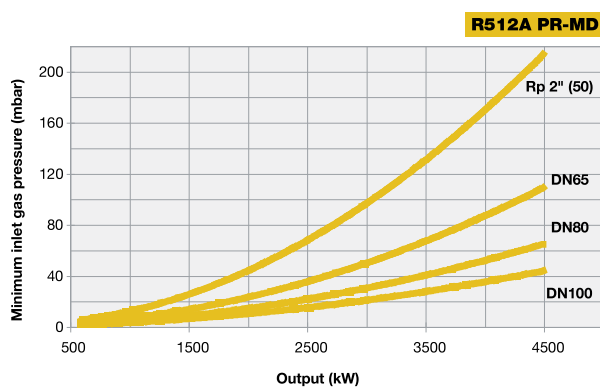
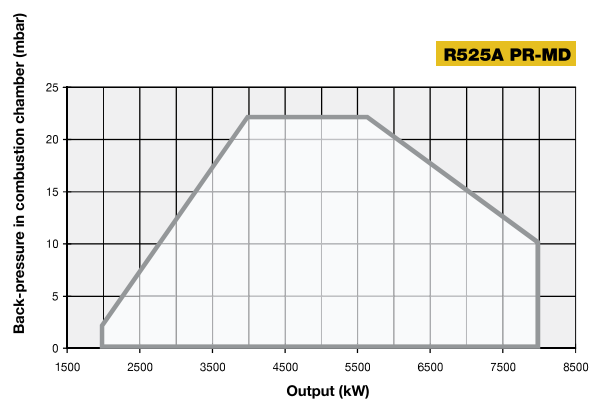
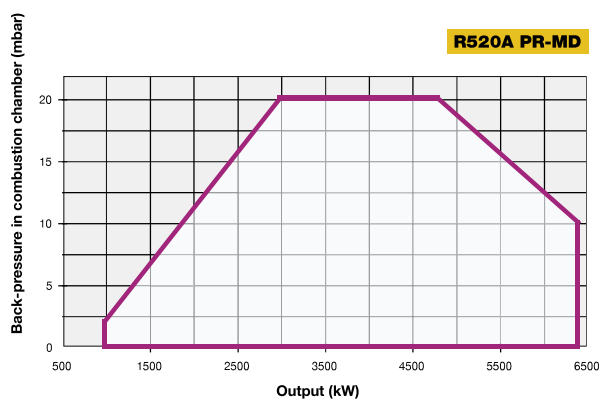
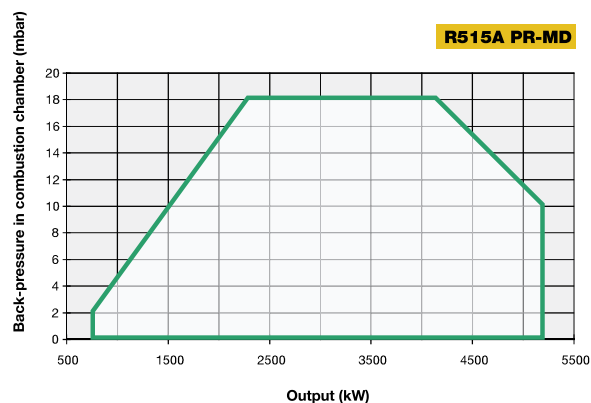
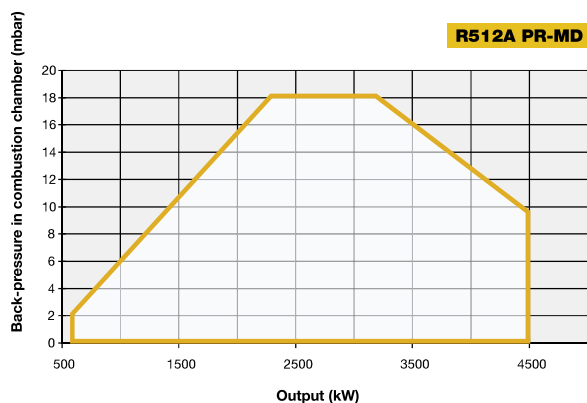
(**) The burners are already MD version.

In order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 282).

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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.