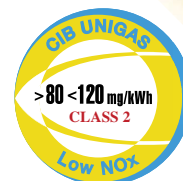


cinquecento SERIES K750A K890A K990A



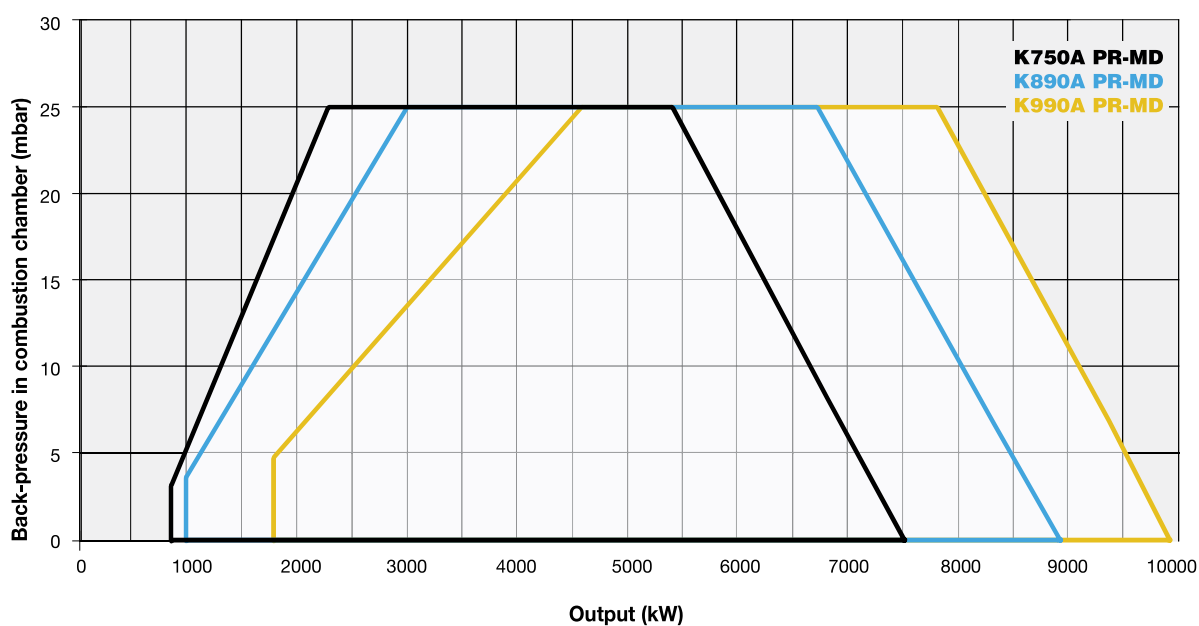
GAS

NEW

The new standard K type CINQUECENTO series **Low NO_x burners Class 2 (< 120 mg/kWh)**, made in aluminum housing with a backward curved centrifugal impeller is studied and developed to get high performance and efficiency combined with low emissions.

This series with a maximum power of 9900 kW, is in this selection of product that is particularly competitive.

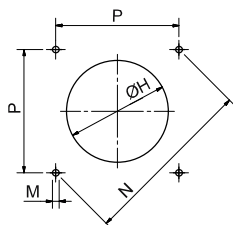
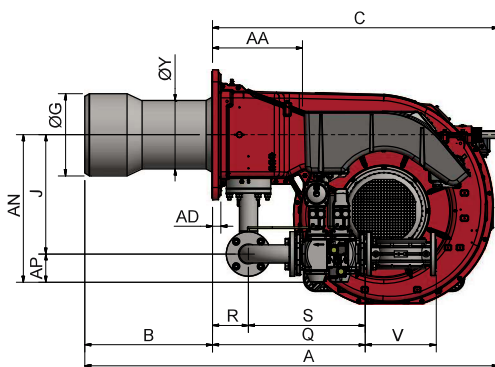
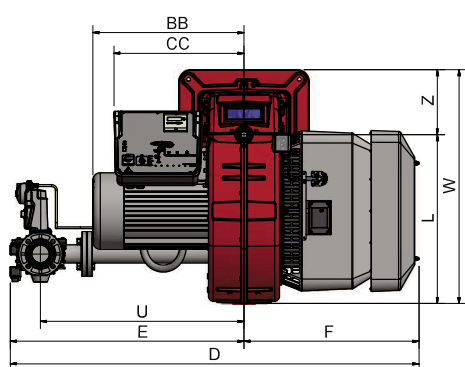
The user-friendly application and maintenance are the strengths of these burners.



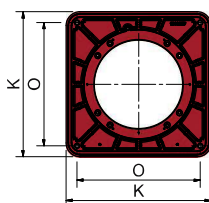
TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor kW	Gas connections	Noise level dBA
		min.	max.					
K750A	M-.xx.SR.xx.A.1.xxx	880	7.500	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	15,0	DN65 - DN80 - DN100 - DN125	< 85
K890A	M-.xx.SR.xx.A.1.xxx	1.000	8.900	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	15,0	DN65 - DN80 - DN100 - DN125	< 85
K990A	M-.xx.SR.xx.A.1.xxx	1.820	9.900	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	15,0	DN80 - DN100 - DN125	< 85

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



Suggested boiler drilling



Burner flange

Type	Packaging dimensions (mm)			
	l	p	h	kg
K750A	2040	1450	1220	475
K890A	2040	1450	1220	480
K990A	2040	1450	1220	485

Approximate values (regarding model with gas train DN80)

Type	Model	Overall dimensions (mm)																												
		AA	A	AD	AN	AP	B	BB	C	CC	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	U	V	W	Y	Z
K750A	M-.xx.SR.xx.A.1.65	366	1841	25	611	117	530	626	1311	524	1695	969	726	340	380	494	540	690	M16	651	460	460	636	150	487	845	292	960	328	270
K750A	M-.xx.SR.xx.A.1.80	366	1841	25	626	132	530	626	1311	524	1728	1002	726	340	380	494	540	690	M16	651	460	460	687	150	538	875	313	960	328	270
K750A	M-.xx.SR.xx.A.1.100	366	1841	25	639	145	530	626	1311	524	1808	1082	726	340	380	494	540	690	M16	651	460	460	791	150	642	942	353	960	328	270
K750A	M-.xx.SR.xx.A.1.125	366	1841	25	738	175	530	626	1311	524	2073	1347	726	340	380	562	540	690	M16	651	460	460	904	150	754	1192	479	960	328	270
K890A	M-.xx.SR.xx.A.1.65	366	1840	25	611	117	530	626	1310	524	1695	969	726	400	440	494	540	690	M16	651	460	460	636	150	487	845	292	960	328	270
K890A	M-.xx.SR.xx.A.1.80	366	1840	25	626	132	530	626	1310	524	1728	1002	726	400	440	494	540	690	M16	651	460	460	687	150	538	875	313	960	328	270
K890A	M-.xx.SR.xx.A.1.100	366	1840	25	639	145	530	626	1310	524	1808	1082	726	400	440	494	540	690	M16	651	460	460	791	150	642	942	353	960	328	270
K890A	M-.xx.SR.xx.A.1.125	366	1840	25	738	175	530	626	1310	524	2073	1347	726	400	440	562	540	690	M16	651	460	460	904	150	754	1192	479	960	328	270
K990A	M-.xx.SR.xx.A.1.80	366	1840	25	626	132	530	626	1310	524	1728	1002	726	434	484	494	540	690	M16	651	460	460	687	150	538	875	313	960	328	270
K990A	M-.xx.SR.xx.A.1.100	366	1840	25	639	145	530	626	1310	524	1808	1082	726	434	484	494	540	690	M16	651	460	460	791	150	642	942	353	960	328	270
K990A	M-.xx.SR.xx.A.1.125	366	1840	25	738	175	530	626	1310	524	2073	1347	726	434	484	562	540	690	M16	651	460	460	904	150	754	1192	479	960	328	270

Approximate values

MECHANICAL OPERATION

Model	Gas train	Operation	K750A		K890A		K990A	
			Code	Price €	Code	Price €	Code	Price €
M-.PR.SR.xx.A.1.65	DN65	PR (*)	034010153		034010553		-	
M-.PR.SR.xx.A.1.80	DN80	PR (*)	034010253		034010653		034010953	
M-.PR.SR.xx.A.1.100	DN100	PR (*)	034010353		034010753		034011053	
M-.PR.SR.xx.A.1.125	DN 125	PR (*)	034010453		034010853		034011153	

(*) 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	K750A		K890A		K990A	
			Code	Price €	Code	Price €	Code	Price €
M-.PR.SR.xx.A.1.65.EA	DN65	PR (*)	03401015A		03401055A		-	
M-.PR.SR.xx.A.1.80.EA	DN80	PR (*)	03401025A		03401065A		03401095A	
M-.PR.SR.xx.A.1.100.EA	DN100	PR (*)	03401035A		03401075A		03401105A	
M-.PR.SR.xx.A.1.125.EA	DN125	PR (*)	03401045A		03401085A		03401115A	

(*) 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

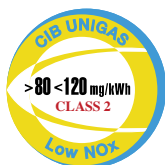
ELECTRONIC OPERATION

Model	Gas train	Operation	K750A		K890A		K990A	
			Code	Price €	Code	Price €	Code	Price €
M-.MD.SR.xx.A.1.65.ES	DN65	MD (**)	03401015S		03401055S		-	
M-.MD.SR.xx.A.1.80.ES	DN80	MD (**)	03401025S		03401065S		03401095S	
M-.MD.SR.xx.A.1.100.ES	DN100	MD (**)	03401035S		03401075S		03401105S	
M-.MD.SR.xx.A.1.125.ES	DN 125	MD (**)	03401045S		03401085S		03401115S	

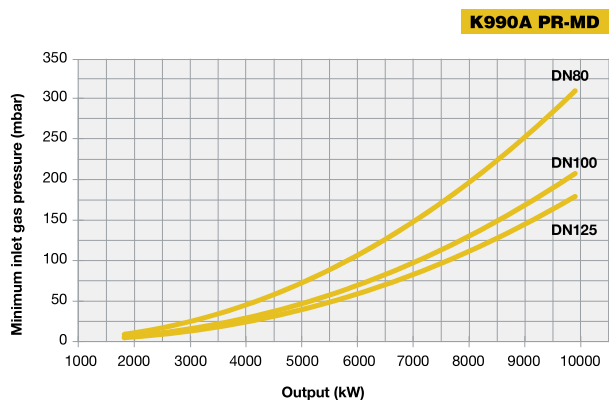
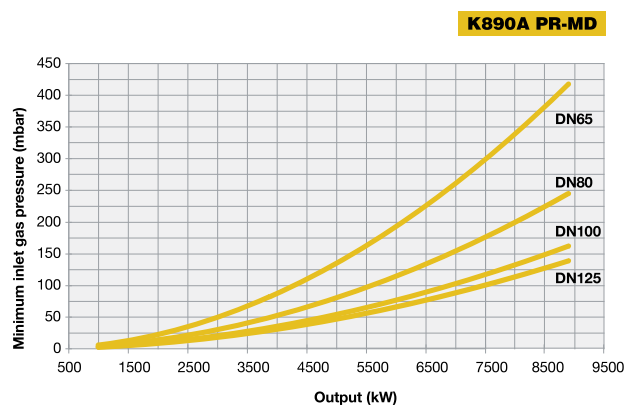
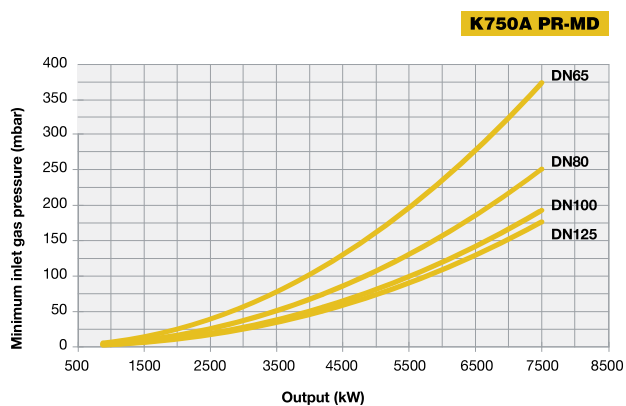
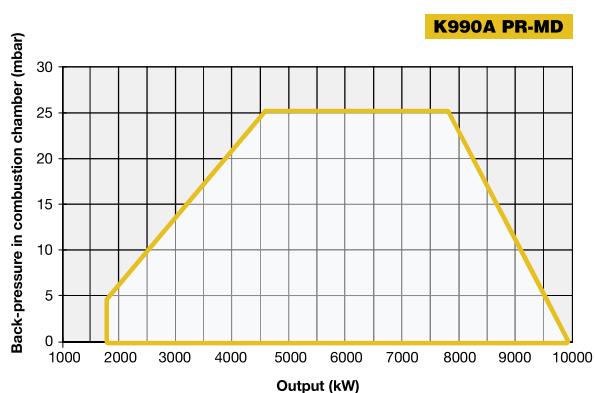
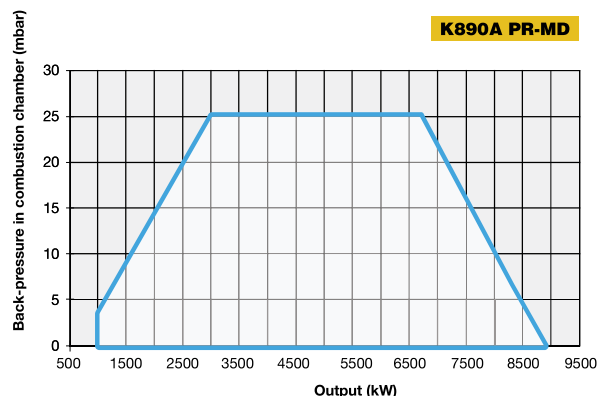
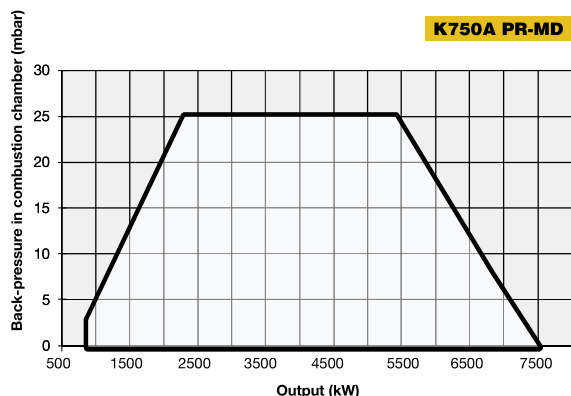
(**) The burners are already MD version.

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

In compliance with GAR DIRECTIVE 2016/426/EU



K750A K890A K990A **cinquecento** SERIES



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.