

cinquecento SERIES K590X K660X K750X

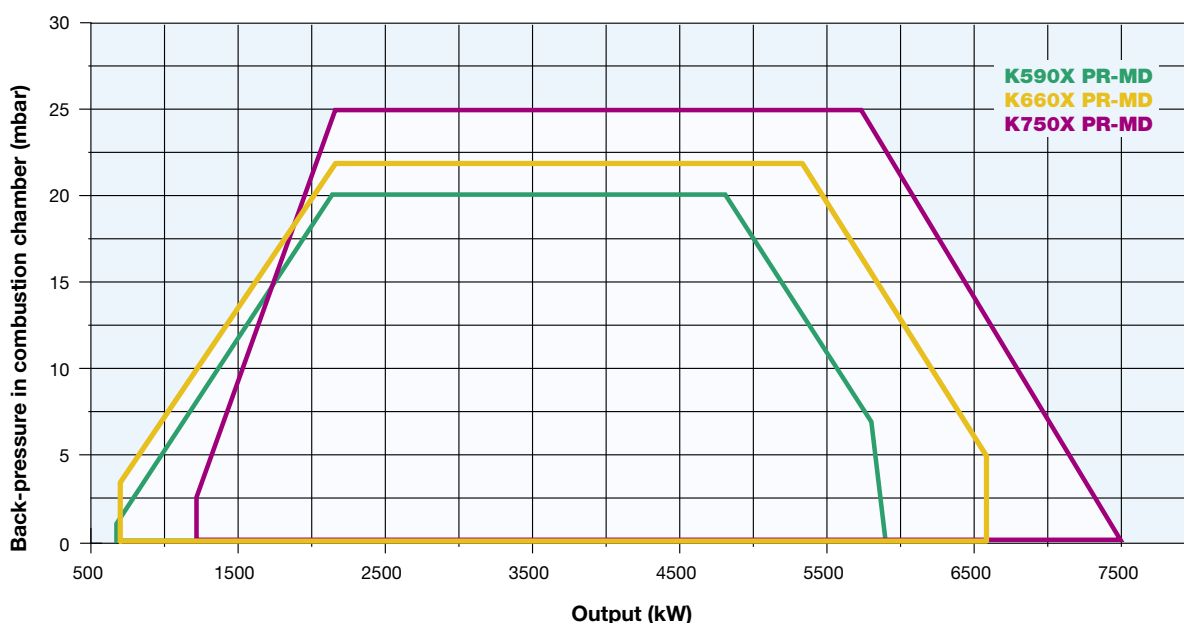


GAS/LIGHT OIL

NEW

The new K type CINQUECENTO series **Low NO_x** burners (gas side < 80 mg/kWh Class 3 EN676), made in aluminum housing with a backward curved centrifugal impeller is studied and developed to get high performance and efficiency combined with low emissions. In this manner this series can burn the two flues separately. This is possible because these burners are equipped with an independent electric motor for the activation of the oil pump. As a consequence, during gas firing the oil pump motor does not operate and remains off.

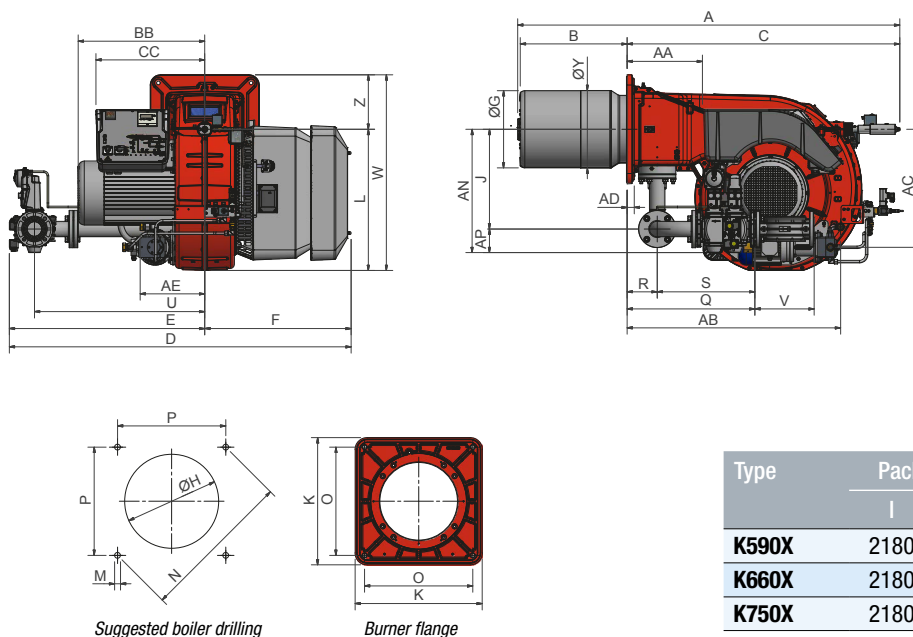
These burners are equipped with a high performance combustion head, designed to achieve a high irradiating flame when they run on natural gas. Instead, when they run on light oil, they are equipped with a by-pass nozzle which, using a pressure regulator, can reach a modulating ratio of 1:3. Therefore, the burners are provided with an UV photocell to control the flame during the operation.



TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor kW	Pump motor kW	Gas connections	Noise level dBA
		min.	max.						
K590X	MG.xx.xR.xx.A.1.xxx	670	5.900	230 V 1NAC 50 Hz	400 V 3 AC 50 Hz	15,0	1,5	DN65 - DN80 - DN100 - DN125	< 85
K660X	MG.xx.xR.xx.A.1.xxx	680	6.600	230 V 1NAC 50 Hz	400 V 3 AC 50 Hz	15,0	2,2	DN65 - DN80 - DN100 - DN125	< 85
K750X	MG.xx.xR.xx.A.1.xxx	860	7.500	230 V 1NAC 50 Hz	400 V 3 AC 50 Hz	15,0	2,2	DN65 - DN80 - DN100 - DN125	< 85

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

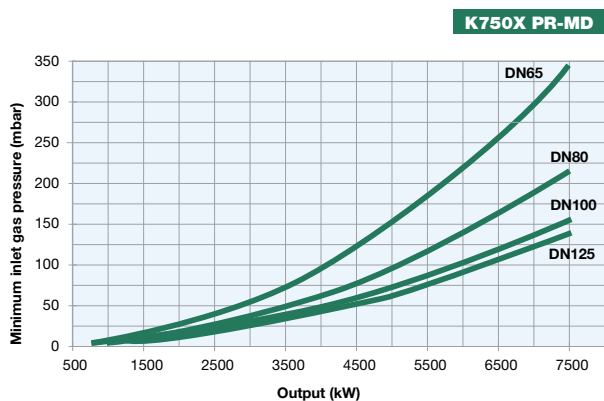
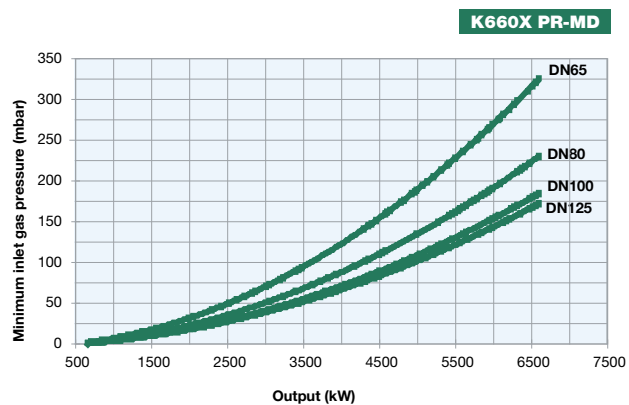
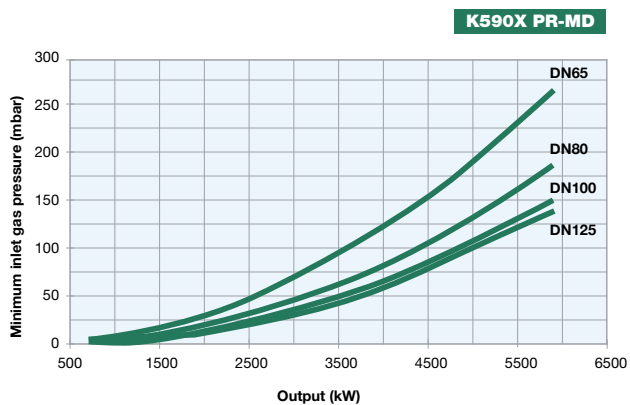
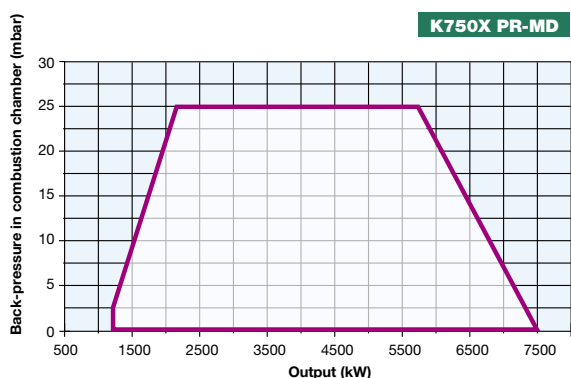
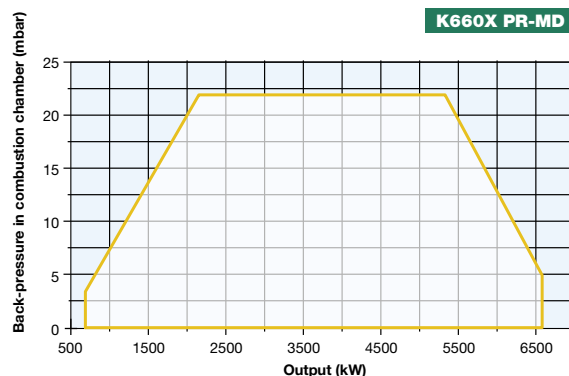
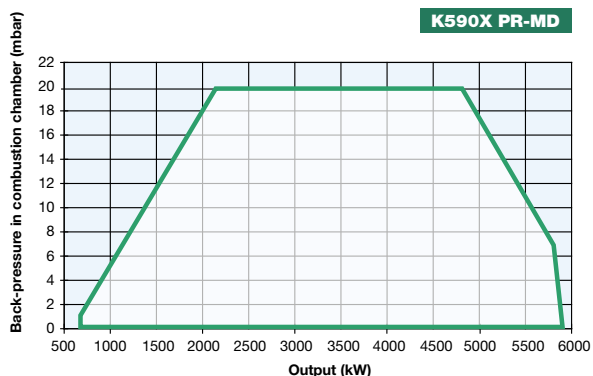
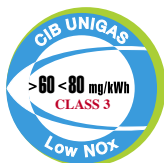


Type	Packaging dimensions (mm)			
	l	p	h	kg
K590X	2180	1450	1220	495
K660X	2180	1450	1220	530
K750X	2180	1450	1220	530

Approximate values

Type	Model	Overall dimensions (mm)																																	
		AS	AL	AA	AB	AC	AD	AE	AN	AP	BS	BL	BB	C	CC	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	U	V	W	Y	Z
K590X	MG.xx.xR.xx.A.1.65	1785	1885	366	1082	670	25	314	611	117	430	530	626	1355	524	1695	969	726	360	400	494	540	690	M16	651	460	460	636	150	487	845	292	960	356	270
K590X	MG.xx.xR.xx.A.1.80	1785	1885	366	1082	670	25	314	626	132	430	530	626	1355	524	1728	1002	726	360	400	494	540	690	M16	651	460	460	687	150	538	875	313	960	356	270
K590X	MG.xx.xR.xx.A.1.100	1785	1885	366	1082	670	25	314	639	145	430	530	626	1355	524	1808	1082	726	360	400	494	540	690	M16	651	460	460	791	150	642	942	353	960	356	270
K590X	MG.xx.xR.xx.A.1.125	1785	1885	366	1082	670	25	314	738	175	430	530	626	1355	524	2073	1347	726	360	400	562	540	690	M16	651	460	460	904	150	754	1192	479	960	356	270
K660X	MG.xx.xR.xx.A.1.65	1785	1885	366	1082	670	25	314	611	117	430	530	626	1355	524	1695	969	726	383	423	494	540	690	M16	651	460	460	636	150	487	845	292	960	356	270
K660X	MG.xx.xR.xx.A.1.80	1785	1885	366	1082	670	25	314	626	132	430	530	626	1355	524	1728	1002	726	383	423	494	540	690	M16	651	460	460	687	150	538	875	313	960	356	270
K660X	MG.xx.xR.xx.A.1.100	1785	1885	366	1082	670	25	314	639	145	430	530	626	1355	524	1808	1082	726	383	423	494	540	690	M16	651	460	460	791	150	642	942	353	960	356	270
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K750X	MG.xx.xR.xx.A.1.65	1785	1885	366	1073	670	25	300	611	117	430	530	626	1355	524	1695	969	726	419	470	494	540	690	M16	651	460	460	636	150	487	845	292	960	336	270
K750X	MG.xx.xR.xx.A.1.80	1785	1885	366	1073	670	25	300	626	132	430	530	626	1355	524	1728	1002	726	419	470	494	540	690	M16	651	460	460	687	150	538	875	313	960	336	270
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Approximate values



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.