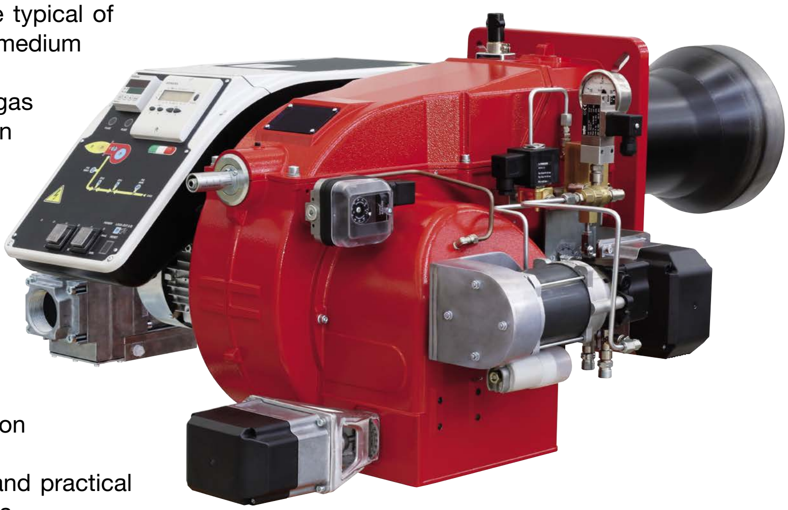
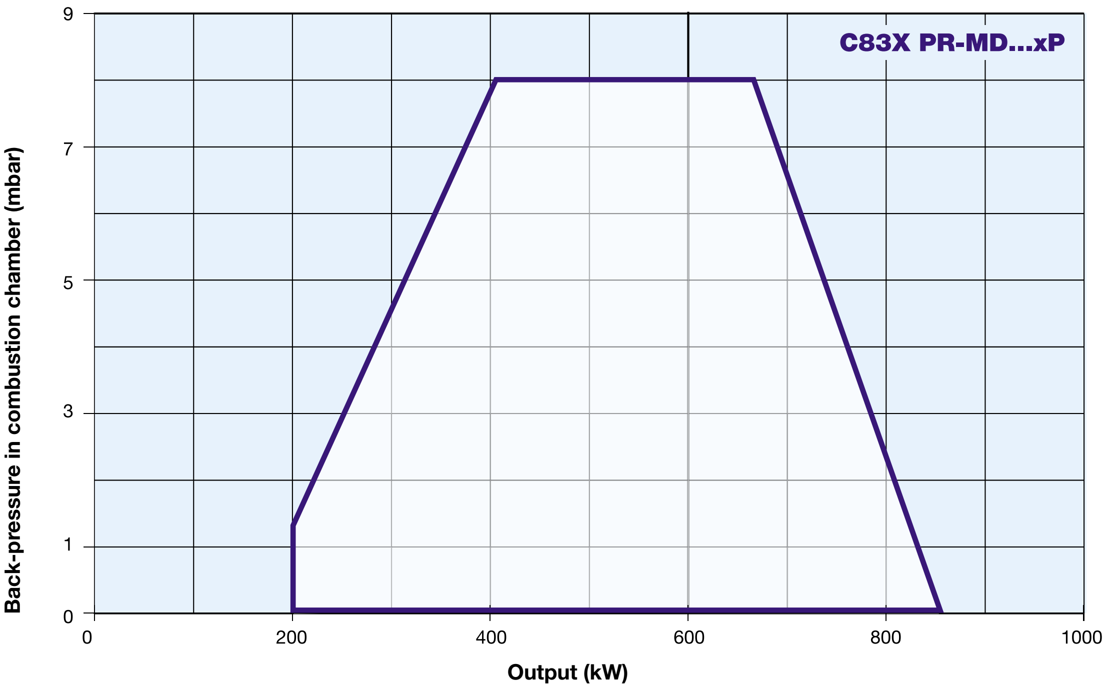
tecnopress SERIES C83X...xP

This burner is characterized by the «spiral» line typical of the series TECNOPRESS. It is suitable both for medium and small output up to 830 kW.
Moreover it is 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 and any abnormalities.
Like all the other models, it 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 setting devices are simple and practical for both fuels thanks to the high quality leverages.
This new series of burners integrates our well known performance and reliability characteristics with the new air inlet system equipped with a silencer and a new combustion head which guarantees low pollutant emissions (gas side < 80mg/kWh Class 3 EN676).

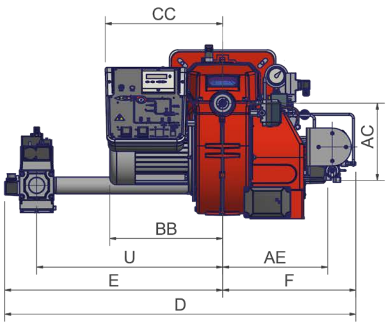


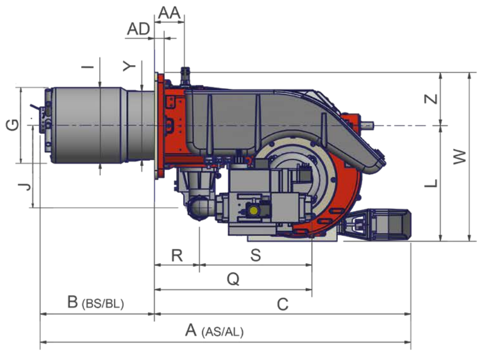


TECHNICAL DETAILS

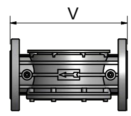
Type	Model	Power kW		Electric power supply	Fan motor	Pump motor	Gas connections	Noise level
		min.	max.		kW	kW		dBA
C83X	MG.xx.xP.xx.0.xx	200	830	230/400 V 3N ac	1,1	0,55	1”¼ - 1”½ - 2” - DN65	< 80

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





DN65

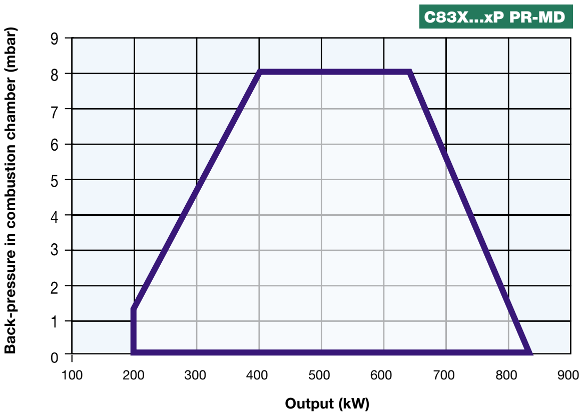


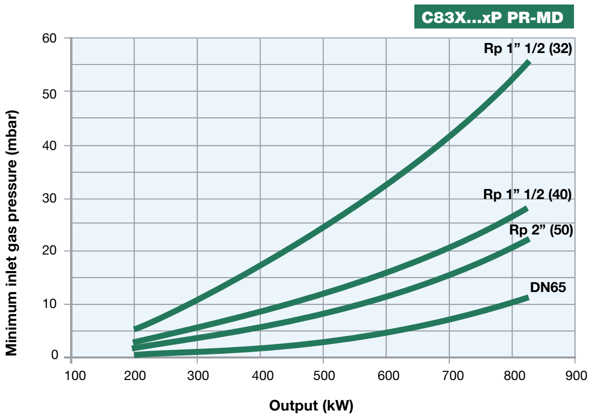
Type	Packaging dimensions (mm)			
	l	p	h	kg
C83X	1730	1280	1020	140

Approximate values

Type	Model	Overall dimensions (mm)																															
		AA	AC	AD	AE	AS	AL	BB	BS	BL	C	CC	D	E	F	G	H	I	J	K	L	M	N	O		P	Q	R	S	U	V	W	Y	Z
																								min.	max.									
C83X	MG.xx.xP.xx.A.0.32	87	224	28	306	1134	1284	328	300	450	834	342	1008	634	374	240	270	198	241	300	335	M10	330	216	250	233	387	131	256	541	-	490	162	155
C83X	MG.xx.xP.xx.A.0.40	87	224	28	306	1134	1284	328	300	450	834	342	1008	634	374	240	270	198	241	300	335	M10	330	216	250	233	458	131	327	541	-	490	162	155
C83X	MG.xx.xP.xx.A.0.50	87	224	28	306	1134	1284	328	300	450	834	342	1008	634	374	240	270	198	241	300	335	M10	330	216	250	233	471	131	340	525	-	490	162	155
C83X	MG.xx.xP.xx.A.0.65	87	224	28	306	1134	1284	328	300	450	834	342	1094	720	374	240	270	198	241	300	335	M10	330	216	250	233	571	131	440	593	292	490	162	155

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.