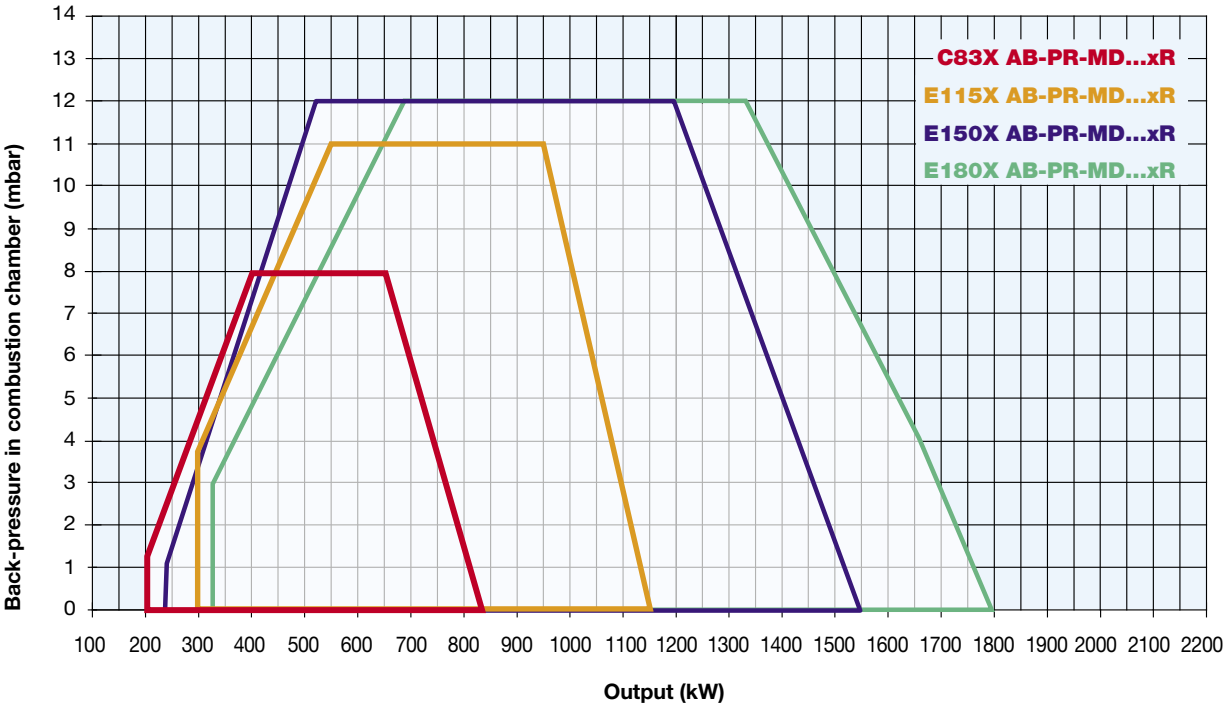
C83X E115X E150X E180X...xR

GAS

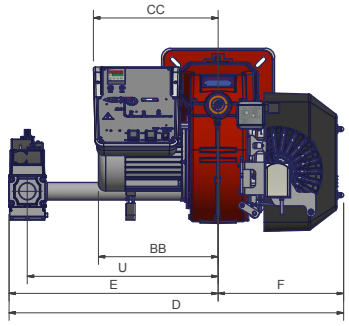
TECNOPRESS burners **Low NO_x Class 3 (< 80 mg/kWh)**, represent the average output range. This series is the result of the CIB UNIGAS great experience on burners with output up to 1.800 kW. It is charaterized by simple mechanical or electronic adjusting procedure and simple maintenance, thanks to the accessible placement of the components.
These models are equipped with air inlet silencer to reduce the noise level.

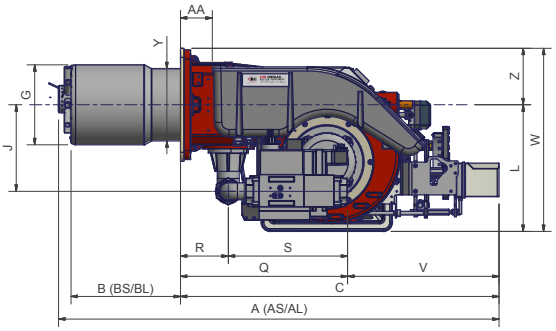


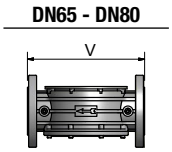
TECHNICAL DETAILS

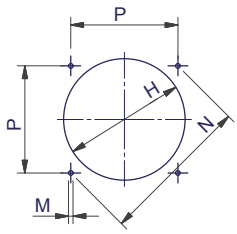
Type	Model	Power kW		Electric power	Fan motor	Gas connections	Noise level
		min.	max.	supply	kW		dBA
C83X	M-.xx.xR.xx.A.0.xx	200	830	230/400 V 3N ac	1,1	1"¼ - 1"½ - 2"- DN65	< 75
E115X	M-.xx.xR.xx.A.0.xx	300	1.150	230/400 V 3N ac	2,2	1"½ - 2"- DN65 - DN80	< 75
E150X	M-.xx.xR.xx.A.1.xx	250	1.550	230/400 V 3N ac	2,2	1"½ - 2"- DN65 - DN80	< 75
E180X	M-.xx.xR.xx.A.1.xx	320	1.800	230/400 V 3N ac	3,0	1"½ - 2"- DN65 - DN80	< 75

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

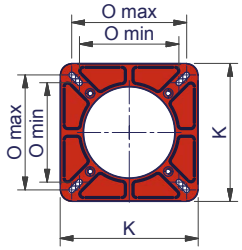








Suggested boiler drilling



Burner flange

Type	Packaging dimensions (mm)			
	l	p	h	kg
C83X	1345	835	750	60
E115X	1465	815	800	115
E150X	1465	815	800	125
E180X*	1465	815	800	125

Approximate values

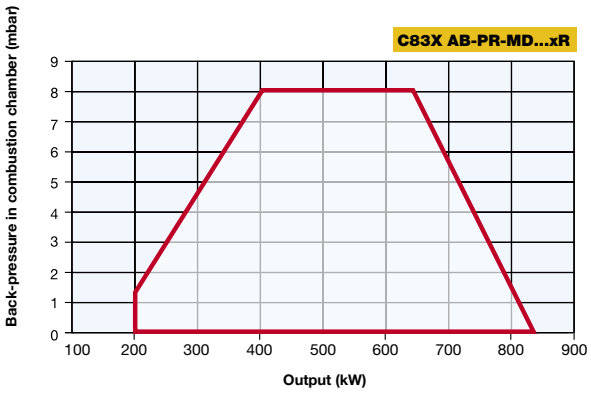
* Approximate values (regarding model with gas train DN80)

Type	Model	Overall dimensions (mm)																												
		AA	AS	AL	BB	BS	BL	C	CC	D	E	F	G	H	I	J	K	L	M	N	O min.	O max.	P	Q	R	S	U	V	W	Y	Z
C83X	M-.xx.xR.xx.A.0.32	87	1207	1335	328	300	450	873	342	978	634	344	219	249	198	233	300	347	M10	330	216	250	233	387	131	256	540	-	502	198	155
C83X	M-.xx.xR.xx.A.0.40	87	1207	1335	328	300	450	873	342	978	634	344	219	249	198	233	300	347	M10	330	216	250	233	461	131	330	540	-	502	198	155
C83X	M-.xx.xR.xx.A.0.50	87	1207	1335	328	300	450	873	342	978	634	344	219	249	198	233	300	347	M10	330	216	250	233	471	131	340	525	-	502	198	155
C83X	M-.xx.xR.xx.A.0.65	87	1207	1335	328	300	450	873	342	1064	720	344	219	249	198	233	300	347	M10	330	216	250	233	571	131	440	593	292	502	198	155
E115X	M-.xx.xR.xx.A.0.40	69	1267	1352	372	305	390	928	352	953	591	362	219	249	210	233	300	453	M10	330	216	250	233	457	130	327	541	-	608	210	155
E115X	M-.xx.xR.xx.A.0.50	69	1267	1352	372	305	390	928	352	888	526	362	219	249	210	233	300	453	M10	330	216	250	233	472	130	342	526	-	608	210	155
E115X	M-.xx.xR.xx.A.0.65	69	1267	1352	372	305	390	928	352	1080	718	362	219	249	210	233	300	453	M10	330	216	250	233	562	130	432	593	292	608	210	155
E115X	M-.xx.xR.xx.A.0.80	69	1267	1352	372	305	390	928	352	1054	692	362	219	249	210	233	300	453	M10	330	216	250	233	558	130	428	565	310	608	210	155
E150X	M-.xx.xR.xx.A.1.40	69	1362	1428	372	400	500	928	352	1078	716	362	259	280	210	233	300	453	M10	330	216	250	233	457	130	327	541	-	608	210	155
E150X	M-.xx.xR.xx.A.1.50	69	1362	1428	372	400	500	928	352	1013	651	362	259	280	210	233	300	453	M10	330	216	250	233	472	130	342	526	-	608	210	155
E150X	M-.xx.xR.xx.A.1.65	69	1362	1428	372	400	500	928	352	1162	800	362	259	280	210	233	300	453	M10	330	216	250	233	562	130	432	593	292	608	210	155
E150X	M-.xx.xR.xx.A.1.80	69	1362	1428	372	400	500	928	352	1136	774	362	259	280	210	233	300	453	M10	330	216	250	233	562	130	432	565	310	608	210	155
E180X	M-.xx.xR.xx.A.1.40	69	1362	1462	403	400	500	928	352	1078	716	362	259	280	210	235	300	453	M10	330	216	250	233	457	130	327	541	-	608	210	155
E180X	M-.xx.xR.xx.A.1.50	69	1362	1462	403	400	500	928	352	1013	651	362	259	280	210	235	300	453	M10	330	216	250	233	472	130	342	526	-	608	210	155
E180X	M-.xx.xR.xx.A.1.65	69	1362	1462	403	400	500	928	352	1162	800	362	259	280	210	235	300	453	M10	330	216	250	233	562	130	432	593	292	608	210	155
E180X	M-.xx.xR.xx.A.1.80	69	1362	1462	403	400	500	928	352	1136	774	362	259	280	210	235	300	453	M10	330	216	250	233	558	130	428	565	310	608	210	155

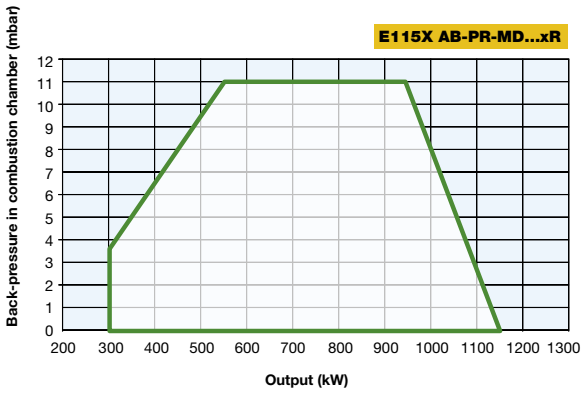
Approximate values

C83X E115X E150X E180X...xR

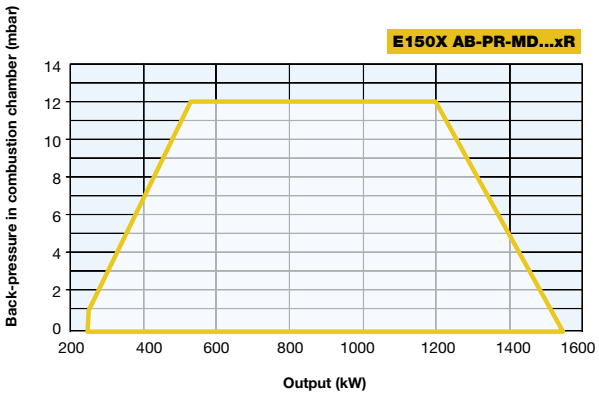
C83X AB-PR-MD...xR



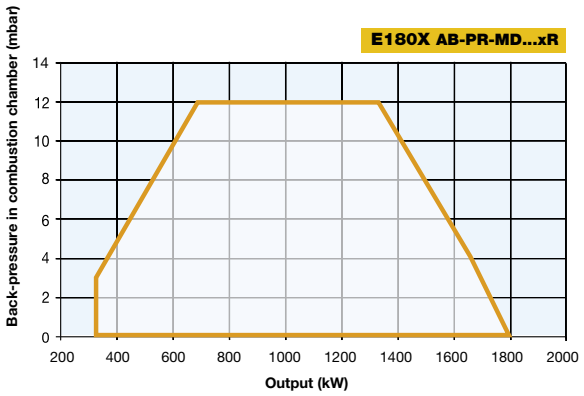
E115X AB-PR-MD...xR



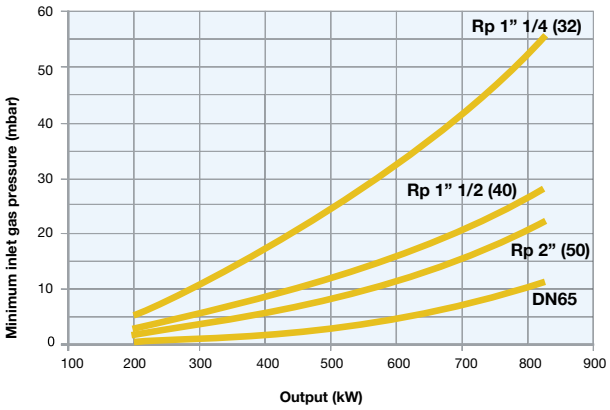
E150X AB-PR-MD...xR



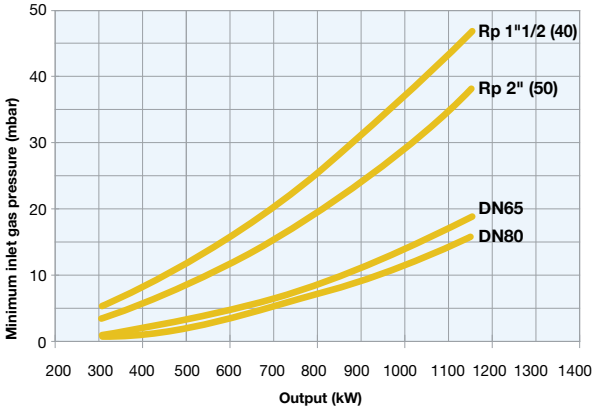
E180X AB-PR-MD...xR



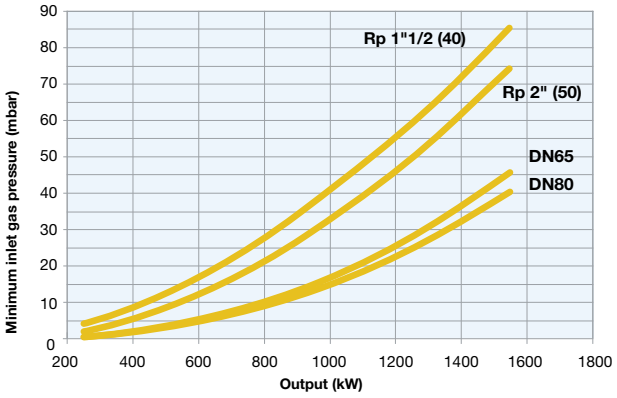
C83X AB-PR-MD...xR



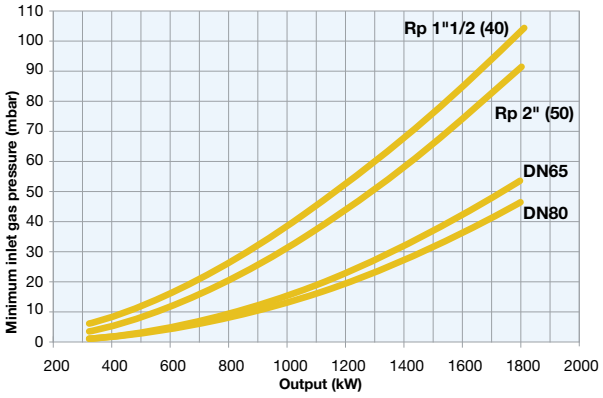
E115X AB-PR-MD...xR



E150X AB-PR-MD...xR



E180X AB-PR-MD...xR



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.