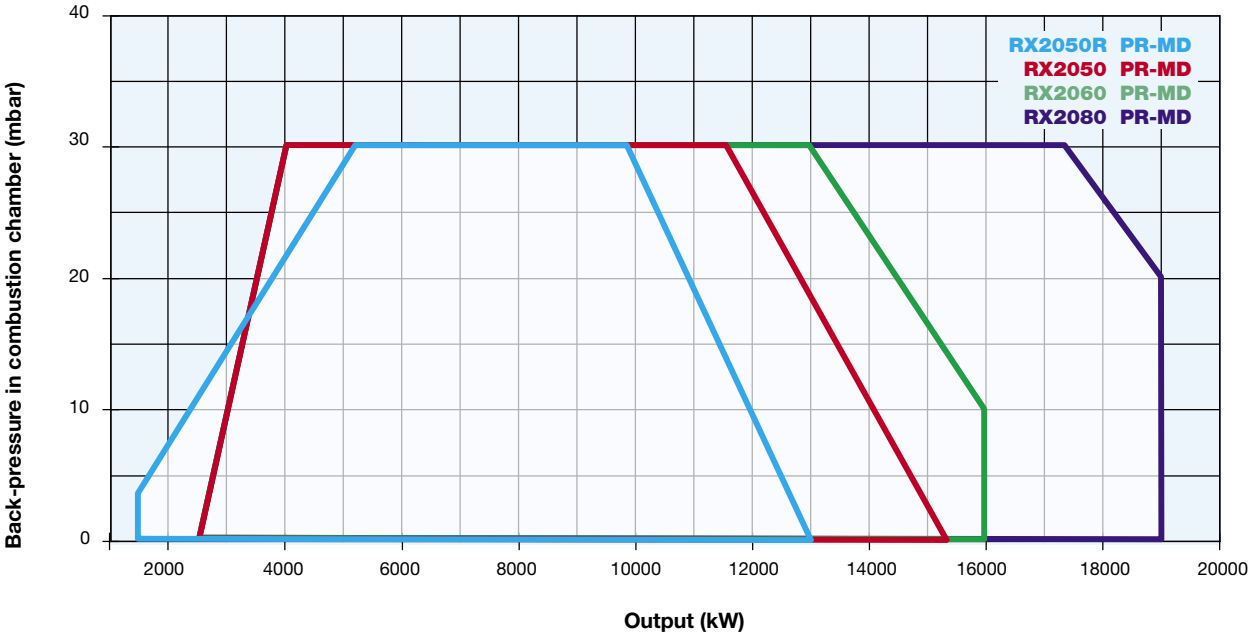
duemila SERIES RX2050R RX2050 RX2060 RX2080

Designed to satisfy the most demanding industrial applications, the array "DUEMILA series" **Low NO_x Class 3 (< 80 mg/kWh)** is the largest of the aluminium monoblock burners. It features an aluminium housing and a backward curved centrifugal impeller. The performance range of this array of products goes from 2.500 to 19.000 kW and its modulating ratio is 1:3. Higher modulating ratio (up to 1:10) is available, upon request, in those models with frequency inverter, O_2 probe and electronic control box.

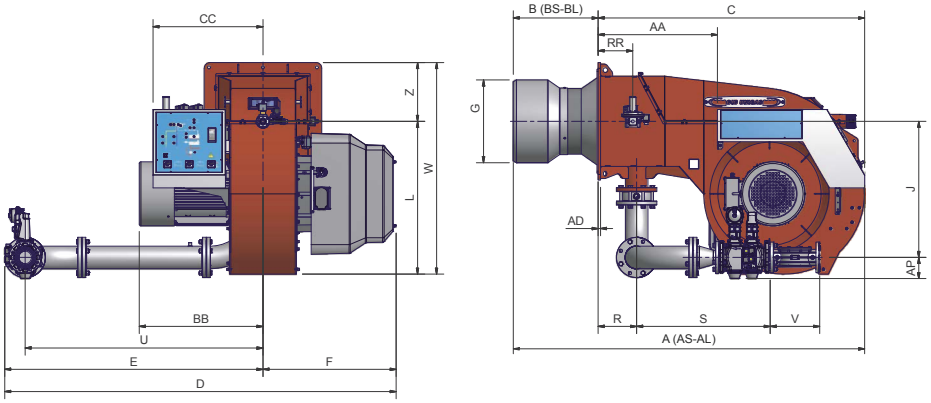


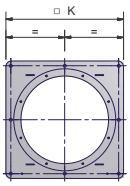
RX2050R RX2050 RX2060 RX2080 duemila SERIES

TECHNICAL DETAILS

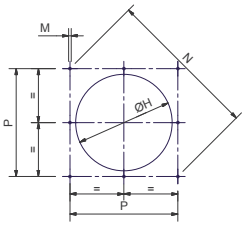
Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor	Gas connections	Noise level
		min.	max.			kW		dBA
RX2050R	M-.xx.x.xx.A.1.xxx	1.780	13.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	37,0	DN80 - DN100 - DN125	92,5
RX2050	M-.xx.x.xx.A.1.xxx	2.500	15.200	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	37,0	DN80 - DN100 - DN125	92,5
RX2060	M-.xx.S.xx.A.1.xxx	2.500	16.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45,0	DN80 - DN100 - DN125	91,7
RX2080	M-.xx.S.xx.A.1.xxx	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55,0	DN100 - DN125	91,7

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





Burner flange



Suggested boiler drilling

Type	Packaging dimensions (mm)			
	l	p	h	kg
RX2050R	2.540	1.890	1.820	1.360
RX2050	2.540	1.890	1.820	1.390
RX2060	2.396	1.886	1.969	1.360
RX2080	2.396	1.886	1.969	1.460

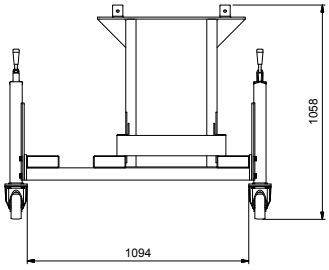
Approximate values

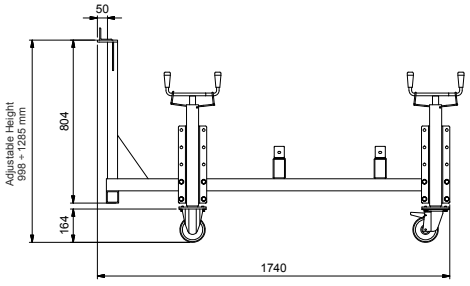
Type	Model	Overall dimensions (mm)																											
		AA	AS	AL	AD	AP	BB	BS*	BL*	C	CC	D	E	F	G*	H*	J	K	L	M	N	P	R	RR	S	U	V	W	Z
RX2050R	M-.xx.x.xx.A.1.80	741	2160	2260	15	132	768	500	650	1660	735	2431	1604	827	545	595	845	730	949	M16	948	670	239	215	827	1478	310	1314	365
RX2050R	M-.xx.x.xx.A.1.100	741	2160	2260	15	145	768	500	650	1660	735	2447	1620	827	545	595	845	730	949	M16	948	670	239	215	874	1478	350	1314	365
RX2050R	M-.xx.x.xx.A.1.125	741	2160	2260	15	175	768	500	650	1660	735	2461	1634	827	545	595	845	730	949	M16	948	670	239	215	755	1478	480	1314	365
RX2050	M-.xx.x.xx.A.1.80	741	2160	2260	15	132	768	500	650	1660	735	2431	1604	827	545	595	845	730	949	M16	948	670	239	215	827	1478	310	1314	365
RX2050	M-.xx.x.xx.A.1.100	741	2160	2260	15	145	768	500	650	1660	735	2447	1620	827	545	595	845	730	949	M16	948	670	239	215	874	1478	350	1314	365
RX2050	M-.xx.x.xx.A.1.125	741	2160	2260	15	175	768	500	650	1660	735	2461	1634	827	545	595	845	730	949	M16	948	670	239	215	755	1478	480	1314	365
RX2060	M-.xx.S.xx.A.1.80	741	2160	-	15	132	807	500	-	1660	735	2309	1463	846	550	600	775	850	949	M16	1117	790	239	215	827	1336	310	1374	425
RX2060	M-.xx.S.xx.A.1.100	741	2160	-	15	145	807	500	-	1660	735	2325	1479	846	550	600	775	850	949	M16	1117	790	239	215	874	1336	350	1374	425
RX2060	M-.xx.S.xx.A.1.125	741	2160	-	15	175	807	500	-	1660	735	2343	1497	846	550	600	775	850	949	M16	1117	790	239	215	755	1336	480	1374	425
RX2080	M-.xx.S.xx.A.1.100	741	2180	-	15	145	885	520	-	1660	735	2325	1479	846	700	750	775	850	949	M16	1117	790	239	215	874	1336	350	1374	425
RX2080	M-.xx.S.xx.A.1.125	741	2180	-	15	175	885	520	-	1660	735	2343	1497	846	700	750	775	850	949	M16	1117	790	239	215	755	1336	480	1374	425

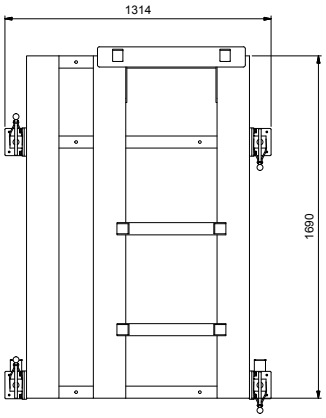
* The BS, BL, G, H dimensions must be confirmed from our technical DPT.
Approximate values

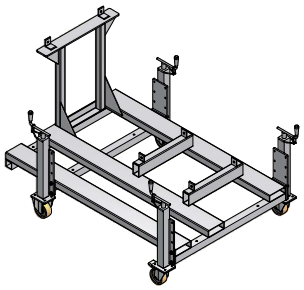
Monoblock burners 2000 series are supplied complete with a steel supporting frame; burner installation and manutention are greatly simplified.
The frame is equipped with wheels to easily move the burner, and its height is adjustable to match any type of boiler or furnace.

SUPPORTING FRAME FOR BURNERS 2050 SERIES

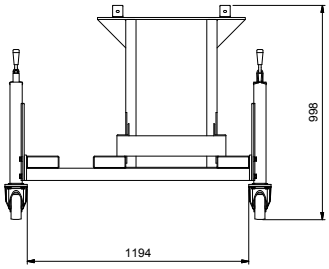


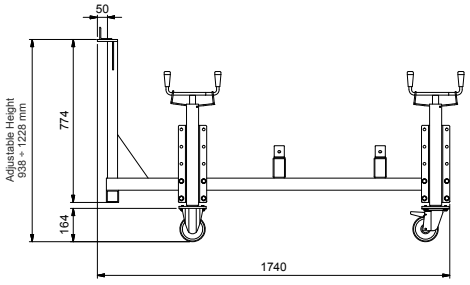


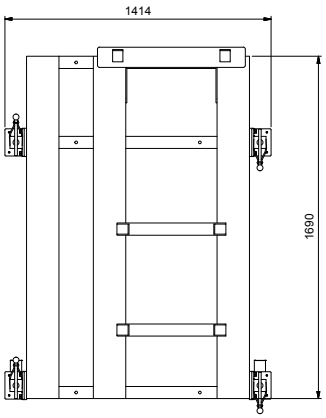


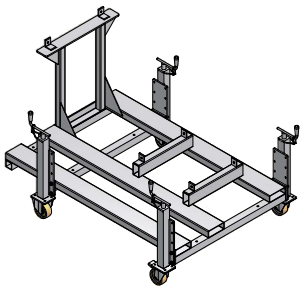


SUPPORTING FRAME FOR BURNERS 2060/2080 SERIES



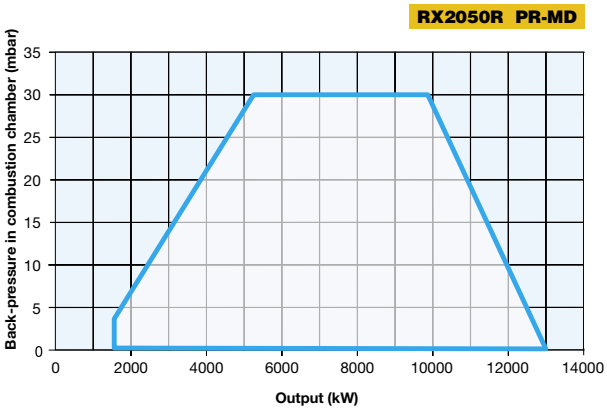




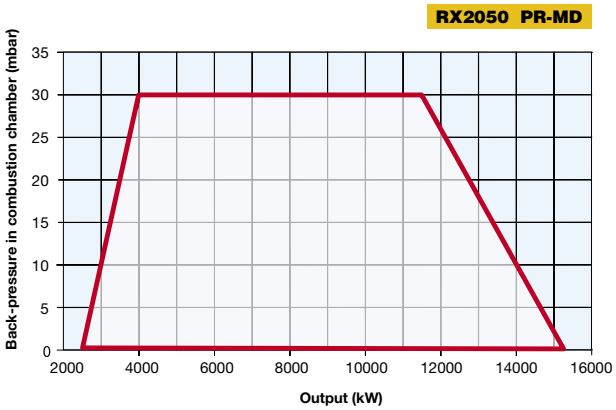


RX2050R RX2050 RX2060 RX2080

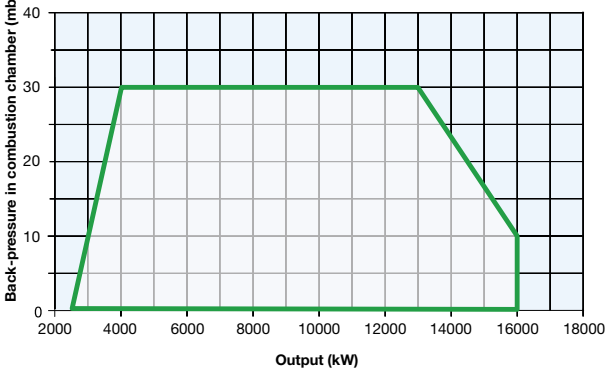
RX2050R PR-MD



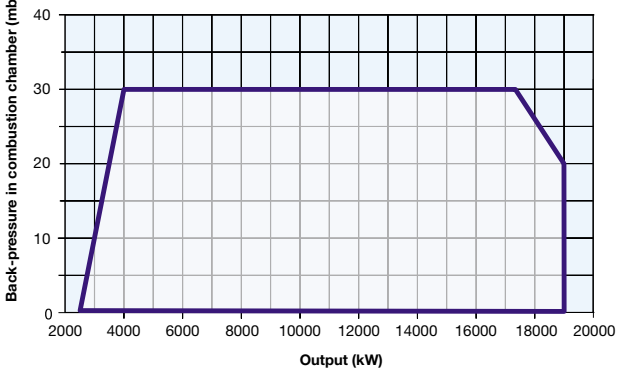
RX2050 PR-MD



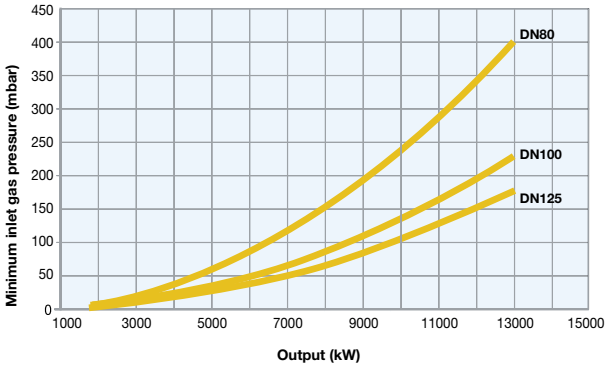
RX2060 PR-MD



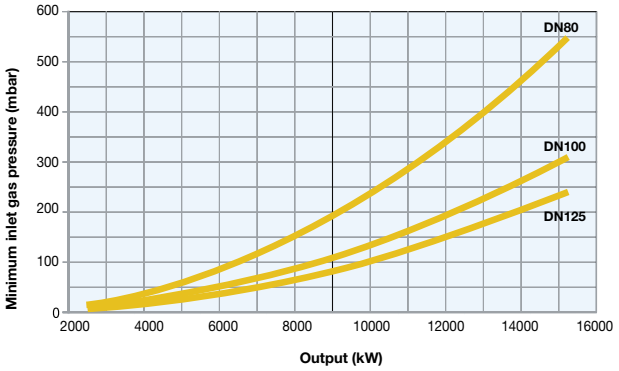
RX2080 PR-MD



RX2050R PR-MD



RX2050 PR-MD



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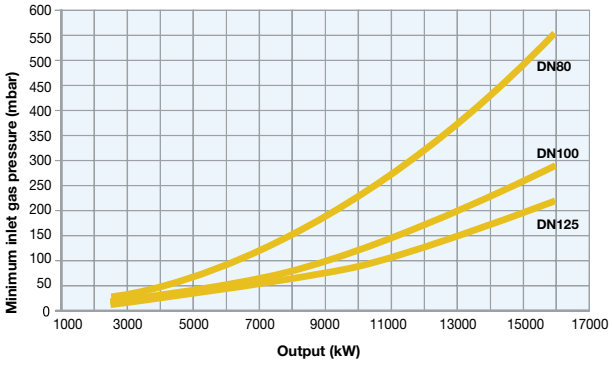
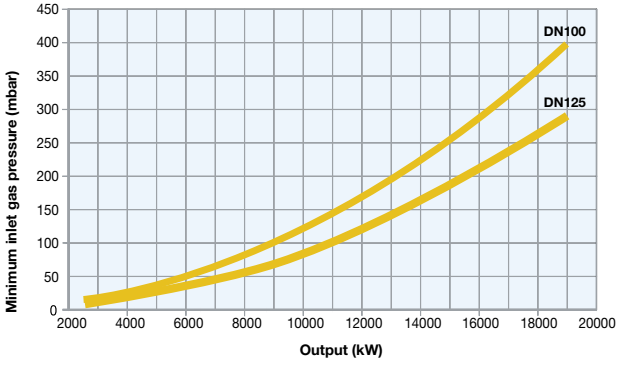


RX2080 PR-MD



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.