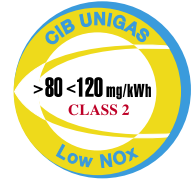
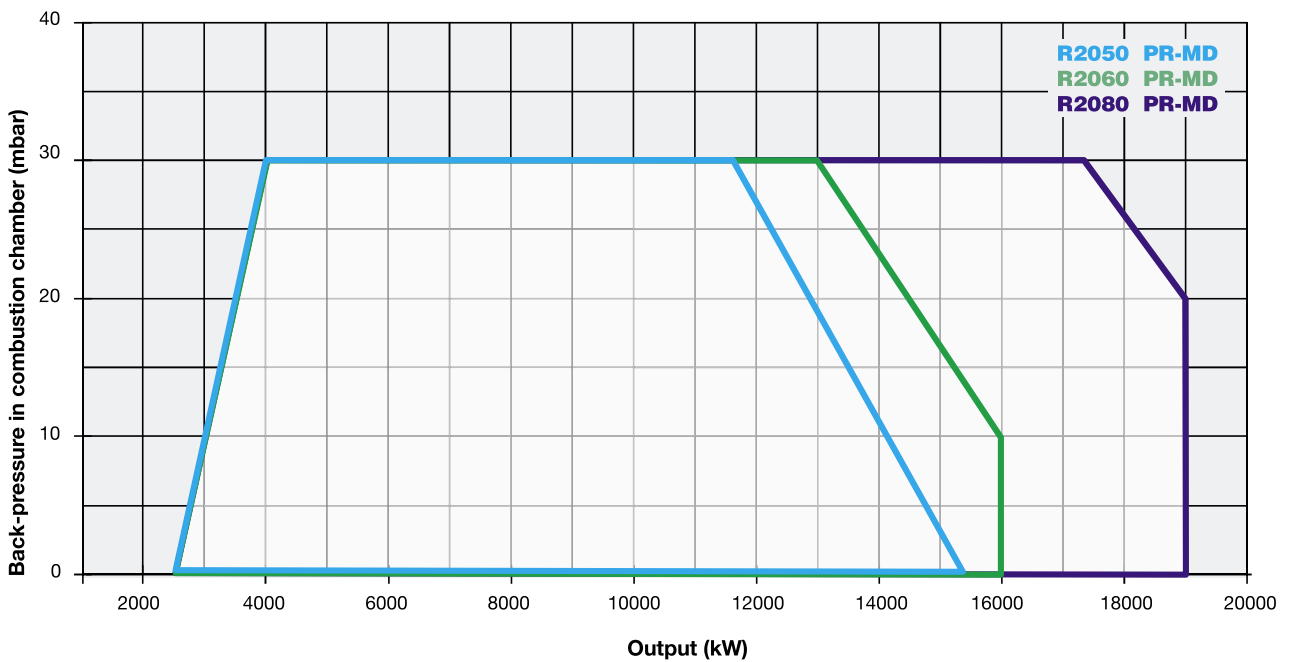


duemila SERIES R2050 R2060 R2080



GAS

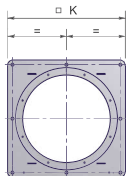
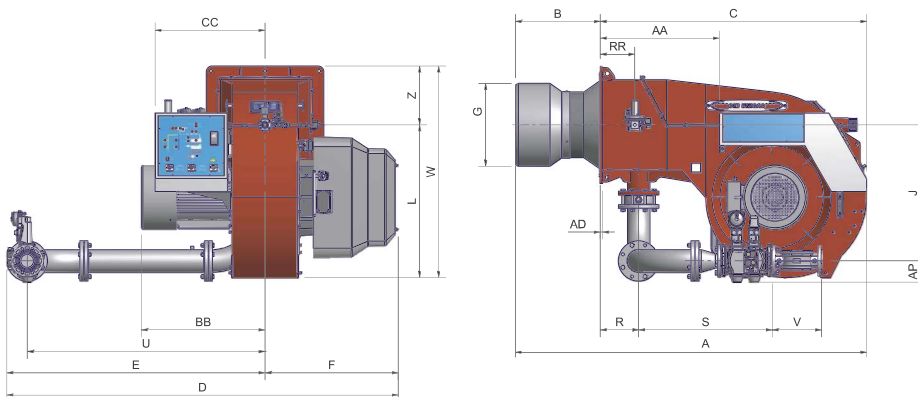
Designed to satisfy the most demanding industrial applications, the array “DUEMILA series” **Class 2 (< 120 mg/kWh)** is the largest of the aluminium monoblock burners; it features an steel housing and a backward curved centrifugal impeller. The performance range of this array of product goes from 2.500 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 mobile combustion head and electronic control unit.



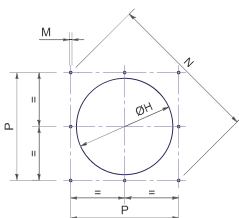
TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor kW	Gas connections	Noise level dBA
		min.	max.					
R2050	M-.xx.S.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
R2060	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
R2080	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
R2050	2396	1886	1969	1280
R2060	2396	1886	1969	1360
R2080	2396	1886	1969	1460

Approximate values

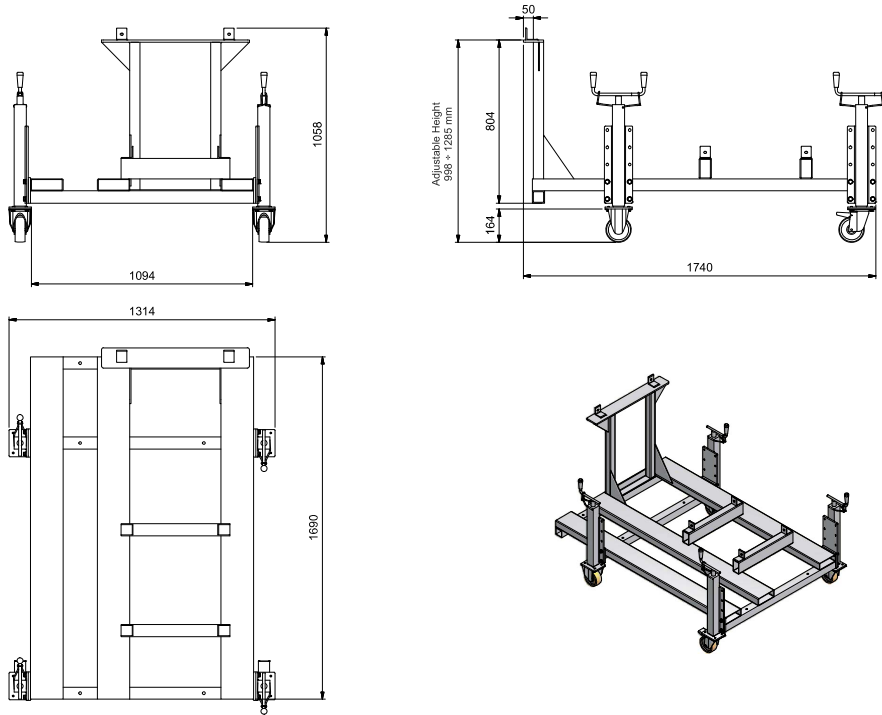
Type	Model	Overall dimensions (mm)																									
		AA	A	AD	AP	BB	B*	C	CC	D	E	F	G*	H*	J	K	L	M	N	P	R	RR	S	U	V	W	Z
R2050	M-.xx.S.xx.A.1.80	741	2180	15	132	768	520	1660	735	2431	1604	827	514	564	845	730	949	M16	948	670	239	215	827	1478	310	1314	365
R2050	M-.xx.S.xx.A.1.100	741	2180	15	145	768	520	1660	735	2447	1620	827	514	564	845	730	949	M16	948	670	239	215	874	1478	350	1314	365
R2050	M-.xx.S.xx.A.1.125	741	2180	15	175	768	520	1660	735	2461	1634	827	514	564	845	730	949	M16	948	670	239	215	755	1478	480	1314	365
R2060	M-.xx.S.xx.A.1.80	741	2160	15	132	768	500	1660	735	2431	1604	827	550	600	845	730	949	M16	948	670	239	215	827	1478	310	1314	365
R2060	M-.xx.S.xx.A.1.100	741	2160	15	145	768	500	1660	735	2447	1620	827	550	600	845	730	949	M16	948	670	239	215	874	1478	350	1314	365
R2060	M-.xx.S.xx.A.1.125	741	2160	15	175	768	500	1660	735	2461	1634	827	550	600	845	730	949	M16	948	670	239	215	755	1478	480	1314	365
R2080	M-.xx.S.xx.A.1.100	741	2160	15	132	807	520	1656	735	2309	1463	846	700	750	775	850	949	M16	1117	790	239	215	827	1336	310	1374	425
R2080	M-.xx.S.xx.A.1.125	741	2160	15	145	807	520	1656	735	2325	1479	846	700	750	775	850	949	M16	1117	790	239	215	874	1336	350	1374	425

* The B, G, H dimensions must be confirmed from our technical DPT.

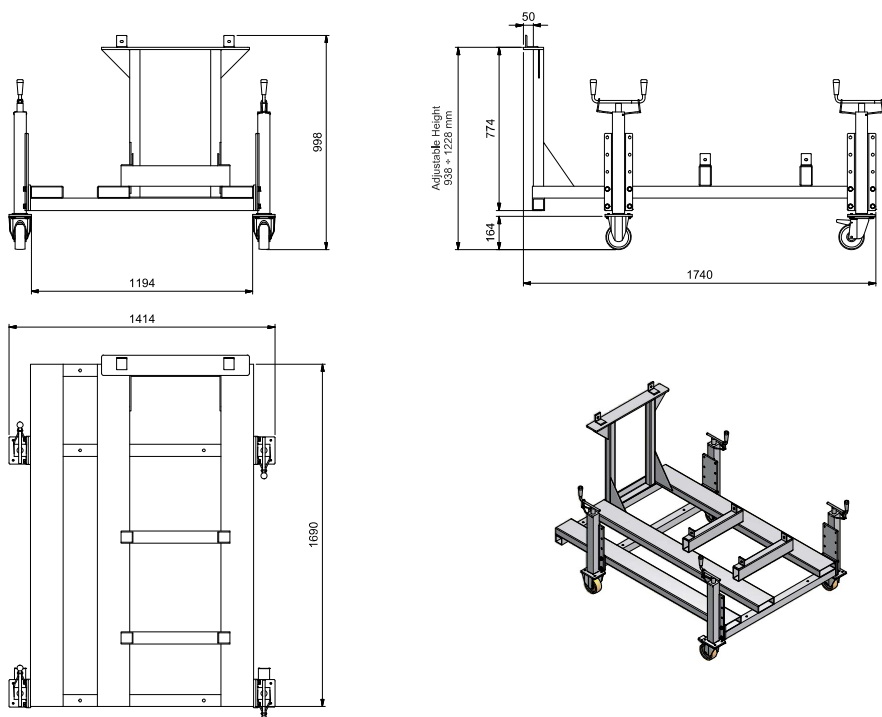
Approximate values

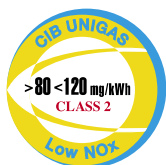
Monoblock burners 2000 series are supplied complete with a steel supporting frame; burner installation and manutention are greatly simplified. The frame is equipped with wheels to easily move the burner, and its height is adjustable to match any type of boiler or furnace.

SUPPORTING FRAME FOR BURNERS 2050 SERIES



SUPPORTING FRAME FOR BURNERS 2060/2080 SERIES




ELECTRONIC OPERATION

Model	Gas train	Operation	R2050		R2060		R2080	
			Code	Price €	Code	Price €	Code	Price €
M-.PR.S.xx.A.1.80.EA	DN80	PR (*)	03201015A		-		-	
M-.PR.S.xx.A.1.100.EA	DN100	PR (*)	03201025A		-		-	
M-.PR.S.xx.A.1.125.EA	DN125	PR (*)	03201035A		-		-	

(*) 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

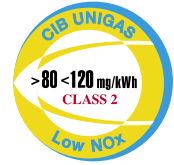
Model	Gas train	Operation	R2050		R2060		R2080	
			Code	Price €	Code	Price €	Code	Price €
M-.MD.S.xx.A.1.80.ES	DN80	MD (**)	03201015S		03201045S		-	
M-.MD.S.xx.A.1.100.ES	DN100	MD (**)	03201025S		03201055S		03201085S	
M-.MD.S.xx.A.1.125.ES	DN125	MD (**)	03201035S		03201065S		03201095S	

(**) The burners are already MD version.

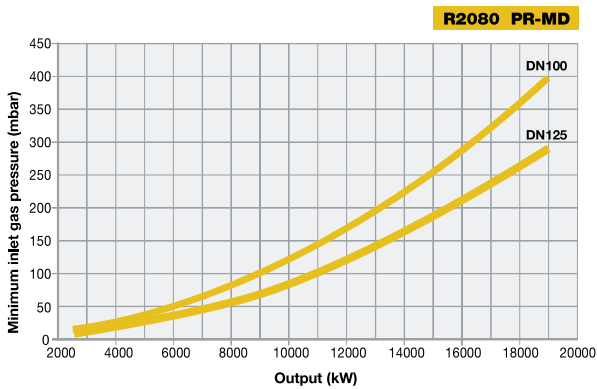
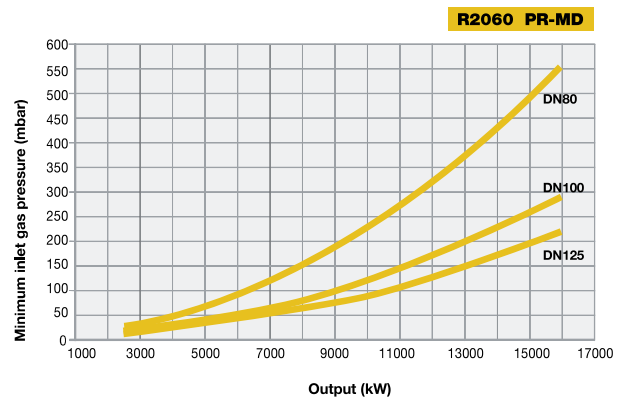
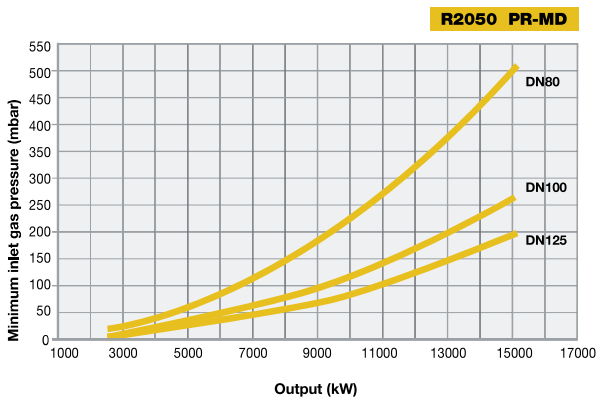
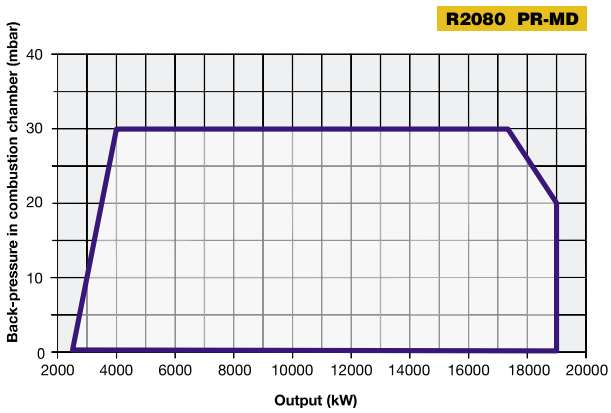
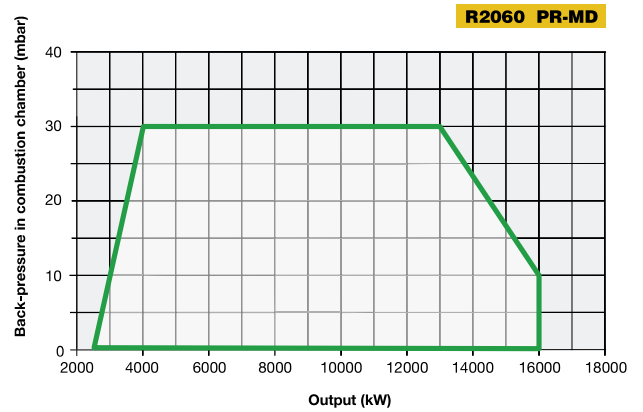
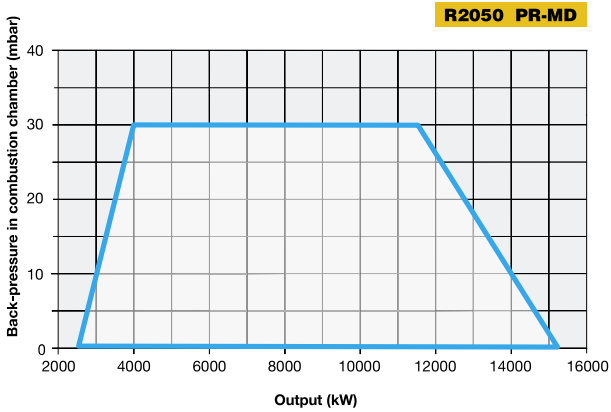
In order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 282).

In compliance with GAR DIRECTIVE 2016/426/EU

duemila SERIES R2050 R2060 R2080



GAS



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.