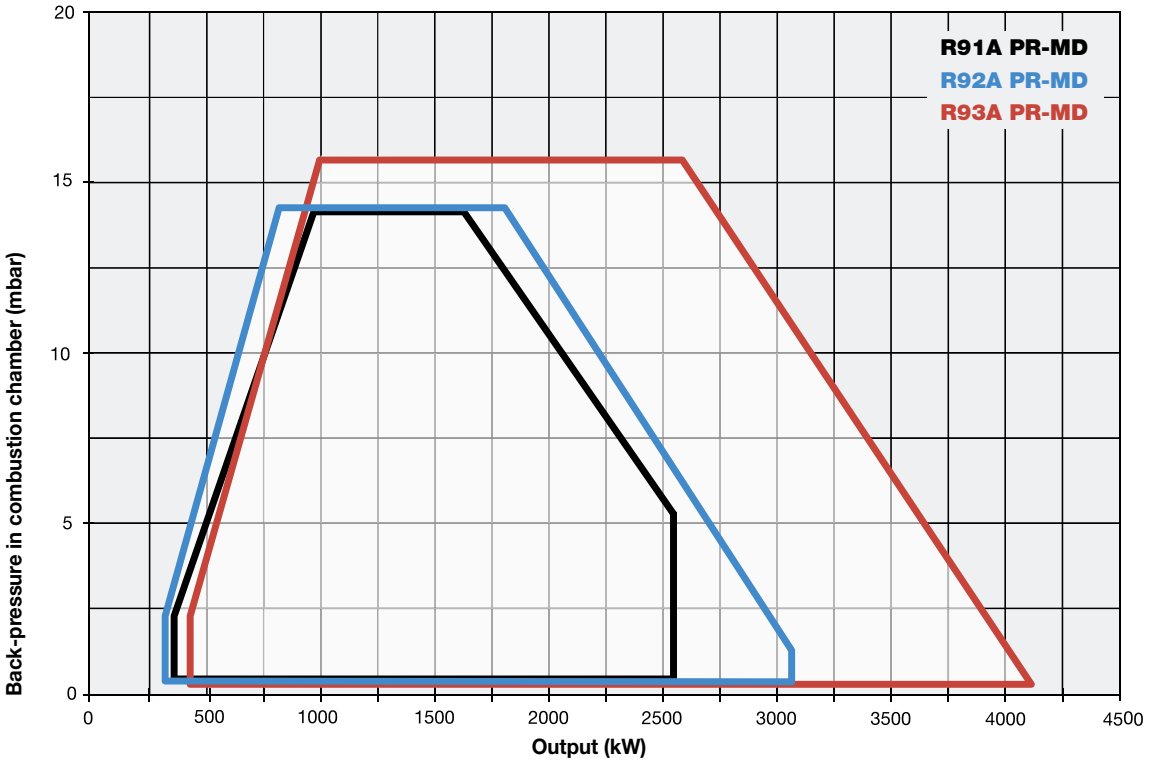
novanta SERIES R91A R92A R93A

This range of medium output burners **Low NO_x Class 2 (< 120 mg/kWh)**, made in aluminum, was studied and developed to get high performance and efficiency combined with low emissions. The NOVANTA series with a maximum power of 4100 kW, are in this selection of product that is particularly competitive. The user-friendly application and maintenance are the strengths of these burners.



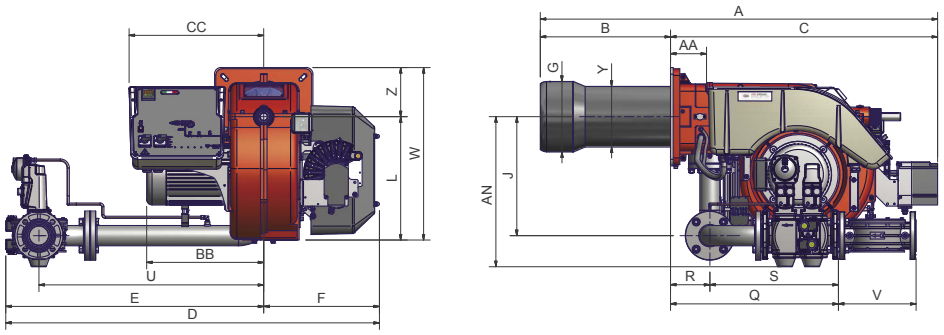
Electronic set up (optional)

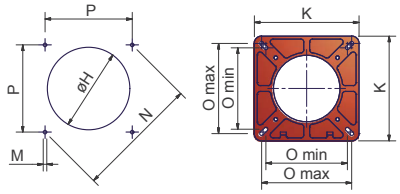


TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor	Gas connections	Noise level
		min.	max.			kW	Rp	dBA
R91A	M-.xx.S.xx.A.1.xxx	480	2.670	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	4,0	2" - DN65 - DN80 - DN100	74,5
R92A	M-.xx.S.xx.A.1.xxx	480	3.050	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	5,5	2" - DN65 - DN80 - DN100	76,9
R93A	M-.xx.S.xx.A.1.xxx	550	4.100	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	7,5	2" - DN65 - DN80 - DN100	77,4

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





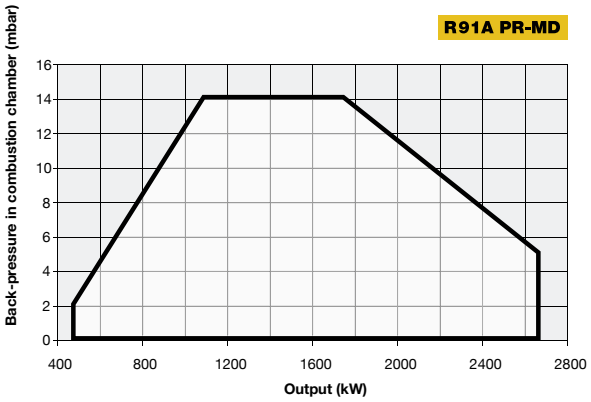
Suggested boiler drilling *Burner flange*

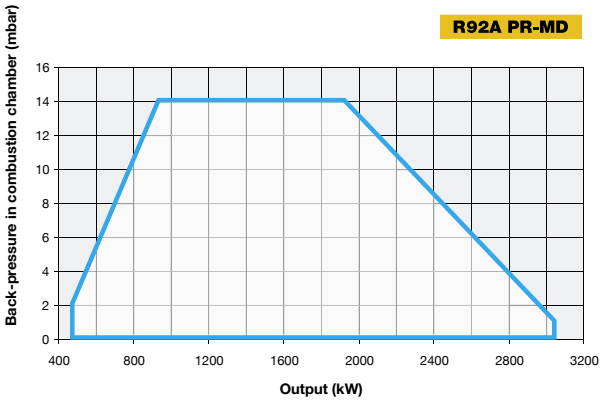
Type	Packaging dimensions (mm)			
	l	p	h	kg
R91A	1730	1280	1020	250
R92A	1730	1280	1020	260
R93A	1730	1280	1020	300

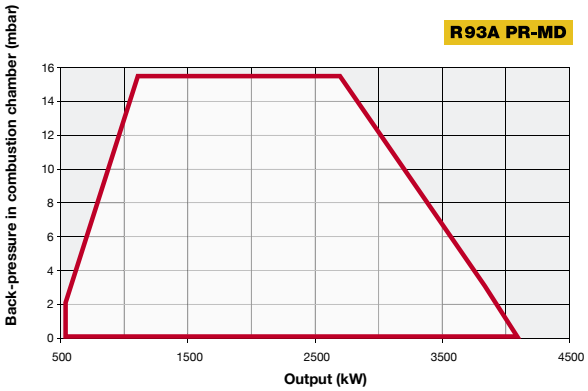
Approximate values (regarding model with gas train DN100)

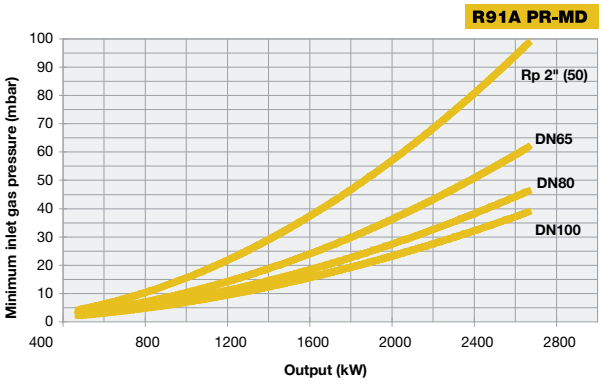
Type	Model	Overall dimensions (mm)																											
		A	AA	AN	B	BB	C	CC	D	E	F	G	H	J	K	L	M	N	O		P	Q	R	S	U	V	W	Y	Z
																			min.	max.									
R91A	M-.xx.S.xx.A.1.50	1495	135	550	490	441	1005	507	1160	765	435	265	295	447	360	464	M12	424	280	310	300	532	148	384	624	190	649	228	185
R91A	M-.xx.S.xx.A.1.65	1495	135	564	490	441	1005	507	1406	971	435	265	295	447	360	464	M12	424	280	310	300	632	148	484	846	292	649	228	185
R91A	M-.xx.S.xx.A.1.80	1495	135	579	490	441	1005	507	1437	1002	435	265	295	447	360	464	M12	424	280	310	300	683	148	535	875	313	649	228	185
R91A	M-.xx.S.xx.A.1.100	1495	135	592	490	441	1005	507	1520	1085	435	265	295	447	360	464	M12	424	280	310	300	790	148	642	942	353	649	228	185
R92A	M-.xx.S.xx.A.1.50	1495	135	550	490	441	1005	507	1160	725	435	269	299	447	360	464	M12	424	280	310	300	532	148	384	624	190	649	228	185
R92A	M-.xx.S.xx.A.1.65	1495	135	564	490	441	1005	507	1406	971	435	269	299	442	360	464	M12	424	280	310	300	632	148	484	846	292	649	228	185
R92A	M-.xx.S.xx.A.1.80	1495	135	579	490	441	1005	507	1437	1002	435	269	299	447	360	464	M12	424	280	310	300	683	148	535	875	313	649	228	185
R92A	M-.xx.S.xx.A.1.100	1495	135	592	490	441	1005	507	1520	1859	435	269	299	447	360	464	M12	424	280	310	300	790	148	642	942	353	649	228	185
R93A	M-.xx.S.xx.A.1.50	1500	135	550	495	493	1005	507	1160	725	435	304	344	447	360	464	M12	424	280	310	300	532	148	384	624	190	649	228	185
R93A	M-.xx.S.xx.A.1.65	1500	135	564	495	493	1005	507	1406	971	435	304	344	447	360	464	M12	424	280	310	300	632	148	484	846	292	649	228	185
R93A	M-.xx.S.xx.A.1.80	1500	135	579	495	493	1005	507	1520	1002	435	304	344	447	360	464	M12	424	280	310	300	683	148	535	875	313	649	228	185
R93A	M-.xx.S.xx.A.1.100	1500	135	592	495	493	1005	507	1160	1085	435	304	344	447	360	464	M12	424	280	310	300	790	148	642	942	353	649	228	185

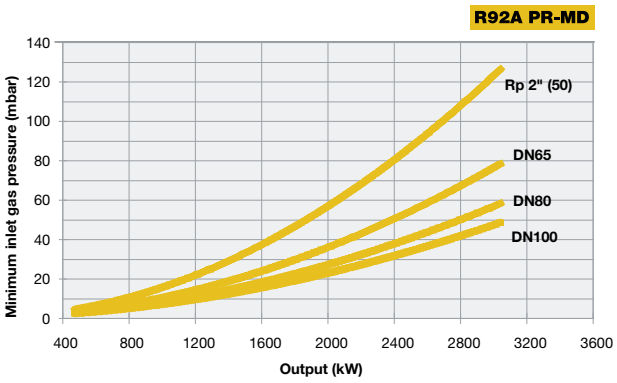
Approximate values

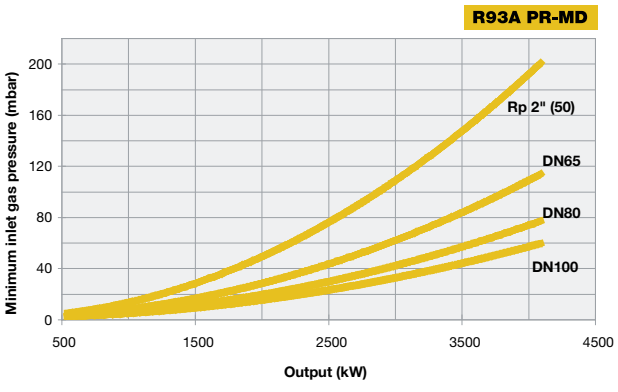












Attention: the graph shows the value of the gas output (kW) against the corresponding pressure without the combustion chamber back pressure. To know the minimum gas pressure at gas train, in order to get the gas output, it is necessary to add the boiler back pressure to the value read on the curve.