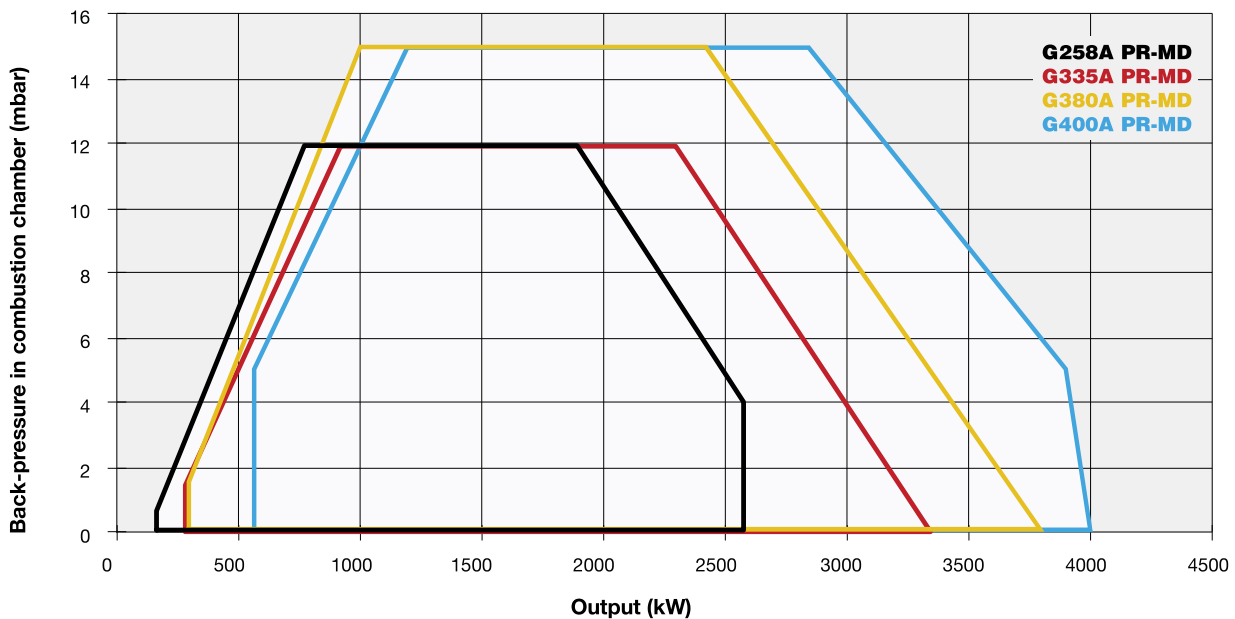


The new standard G type NOVANTA series **Low NO_x burners Class 2** (< 120 mg/kWh), made in aluminum housing with a backward curved centrifugal impeller is studied and developed to get high performance and efficiency combined with low emissions.

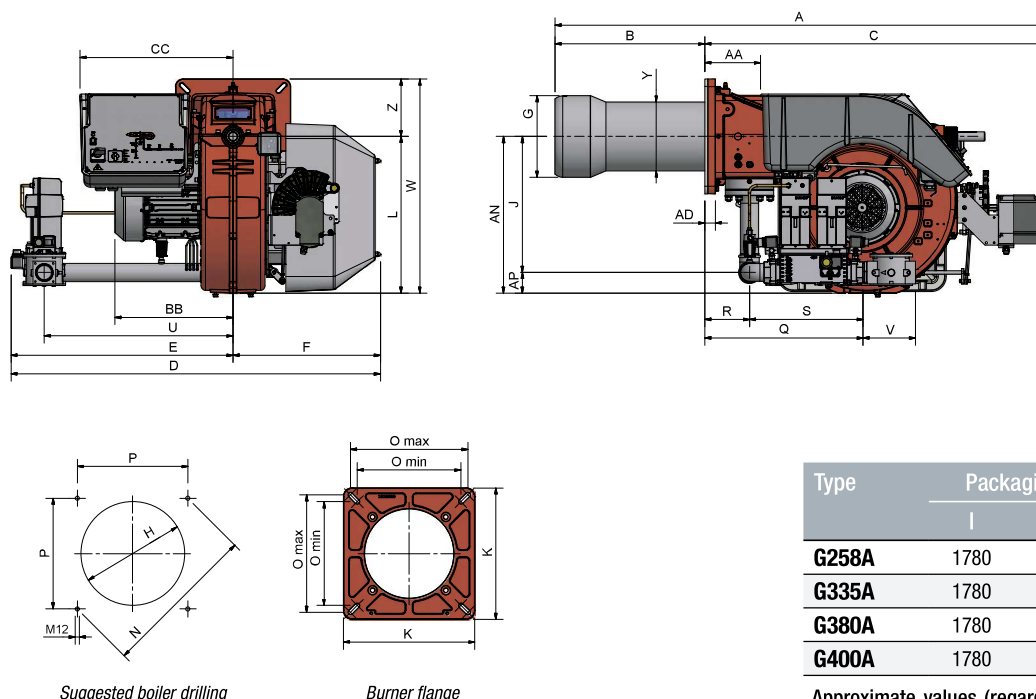
This series with a maximum power of 4000 kW, is in this selection of product that is particularly competitive. The user-friendly application and maintenance are the strengths of these burners.



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
G258A	M-.xx.SR.xx.A.1.xxx	165	2.580	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	4	2" - DN65 - DN80 - DN100	< 85
G335A	M-.xx.SR.xx.A.1.xxx	280	3.350	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	5,5	2" - DN65 - DN80 - DN100	< 85
G380A	M-.xx.SR.xx.A.1.xxx	295	3.800	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	7,5	2" - DN65 - DN80 - DN100	< 85
G400A	M-.xx.SR.xx.A.1.xxx	580	4.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	7,5	2" - DN65 - DN80 - DN100	< 85

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



Type	Packaging dimensions (mm)			
	l	p	h	kg
G258A	1780	1200	1020	270
G335A	1780	1200	1020	275
G380A	1780	1200	1020	280
G400A	1780	1200	1020	280

Approximate values (regarding model with gas trains DN80)

Type	Model	Overall dimensions (mm)																													
		A	AA	AD	AN	AP	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.											
G258A	M-.xx.SR.xx.A.1.50	1579	184	35	550	100	460	391	1119	531	1212	725	487	254	300	450	380	518	M12	453	300	340	320	533	149	384	624	190	708	210	190
G258A	M-.xx.SR.xx.A.1.65	1579	184	35	567	117	460	391	1119	531	1456	969	487	254	300	450	380	518	M12	453	300	340	320	636	149	487	845	292	708	210	190
G258A	M-.xx.SR.xx.A.1.80	1579	184	35	582	132	460	391	1119	531	1489	1002	487	254	300	450	380	518	M12	453	300	340	320	687	149	538	875	310	708	210	190
G258A	M-.xx.SR.xx.A.1.100	1579	184	35	595	145	460	391	1119	531	1569	1082	487	254	300	450	380	518	M12	453	300	340	320	791	149	642	942	353	708	210	190
G335A	M-.xx.SR.xx.A.1.50	1579	184	35	550	100	460	391	1119	531	1212	725	487	254	347	450	380	518	M12	453	300	340	320	533	149	384	624	190	708	210	190
G335A	M-.xx.SR.xx.A.1.65	1579	184	35	567	117	460	391	1119	531	1456	969	487	254	347	450	380	518	M12	453	300	340	320	636	149	487	845	292	708	210	190
G335A	M-.xx.SR.xx.A.1.80	1579	184	35	582	132	460	391	1119	531	1489	1002	487	254	347	450	380	518	M12	453	300	340	320	687	149	538	875	310	708	210	190
G335A	M-.xx.SR.xx.A.1.100	1579	184	35	595	145	460	391	1119	531	1569	1082	487	254	347	450	380	518	M12	453	300	340	320	791	149	642	942	353	708	210	190
G380A	M-.xx.SR.xx.A.1.50	1599	184	35	550	100	480	391	1119	531	1212	725	487	256	347	450	380	518	M12	453	300	340	320	533	149	384	624	190	708	228	190
G380A	M-.xx.SR.xx.A.1.65	1599	184	35	567	117	480	391	1119	531	1456	969	487	256	347	450	380	518	M12	453	300	340	320	636	149	487	845	292	708	228	190
G380A	M-.xx.SR.xx.A.1.80	1599	184	35	582	132	480	391	1119	531	1489	1002	487	256	347	450	380	518	M12	453	300	340	320	687	149	538	875	310	708	228	190
G380A	M-.xx.SR.xx.A.1.100	1599	184	35	595	145	480	391	1119	531	1569	1082	487	256	347	450	380	518	M12	453	300	340	320	791	149	642	942	353	708	228	190
G400A	M-.xx.SR.xx.A.1.50	1619	184	35	550	100	500	391	1119	531	1212	725	487	304	347	450	380	518	M12	453	300	340	320	533	149	384	624	190	708	228	190
G400A	M-.xx.SR.xx.A.1.65	1619	184	35	567	117	500	391	1119	531	1456	969	487	304	347	450	380	518	M12	453	300	340	320	636	149	487	845	292	708	228	190
G400A	M-.xx.SR.xx.A.1.80	1619	184	35	582	132	500	391	1119	531	1489	1002	487	304	347	450	380	518	M12	453	300	340	320	687	149	538	875	310	708	228	190
G400A	M-.xx.SR.xx.A.1.100	1619	184	35	595	145	500	391	1119	531	1569	1082	487	304	347	450	380	518	M12	453	300	340	320	791	149	642	942	353	708	228	190

Approximate values

MECHANICAL OPERATION

G258A					G335A	
Model	Gas train	Operation	Code	Price €	Code	Price €
M.PR.SR.xx.A.1.50	2"	PR (*)	036010153		036010553	
M.PR.SR.xx.A.1.65	DN65	PR (*)	036010253		036010653	
M.PR.SR.xx.A.1.80	DN80	PR (*)	036010353		036010753	
M.PR.SR.xx.A.1.100	DN100	PR (*)	036010453		036010853	

G380A					G400A	
Model	Gas train	Operation	Code	Price €	Code	Price €
M.PR.SR.xx.A.1.50	2"	PR (*)	036013353		036013753	
M.PR.SR.xx.A.1.65	DN65	PR (*)	036013453		036013853	
M.PR.SR.xx.A.1.80	DN80	PR (*)	036013553		036013953	
M.PR.SR.xx.A.1.100	DN100	PR (*)	036013653		036014053	

(*) 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

			G258A		G335A	
Model	Gas train	Operation	Code	Price €	Code	Price €
M.PR.SR.xx.A.1.50.EA	2"	PR (*)	03601015A		03601055A	
M.PR.SR.xx.A.1.65.EA	DN65	PR (*)	03601025A		03601065A	
M.PR.SR.xx.A.1.80.EA	DN80	PR (*)	03601035A		03601075A	
M.PR.SR.xx.A.1.100.EA	DN100	PR (*)	03601045A		03601085A	

			G380A		G400A	
Model	Gas train	Operation	Code	Price €	Code	Price €
M.PR.SR.xx.A.1.50.EA	2"	PR (*)	03601335A		03601375A	
M.PR.SR.xx.A.1.65.EA	DN65	PR (*)	03601345A		03601385A	
M.PR.SR.xx.A.1.80.EA	DN80	PR (*)	03601355A		03601395A	
M.PR.SR.xx.A.1.100.EA	DN100	PR (*)	03601365A		03601405A	

(*) 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

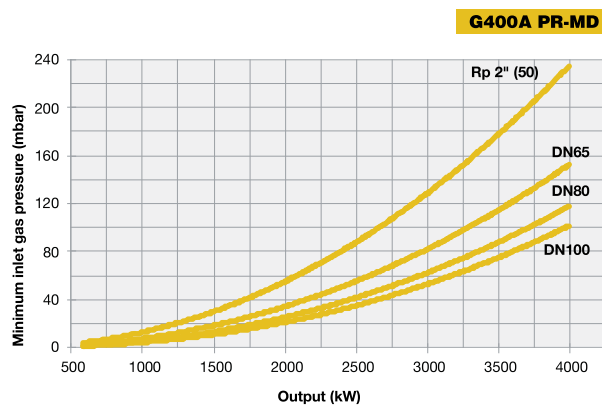
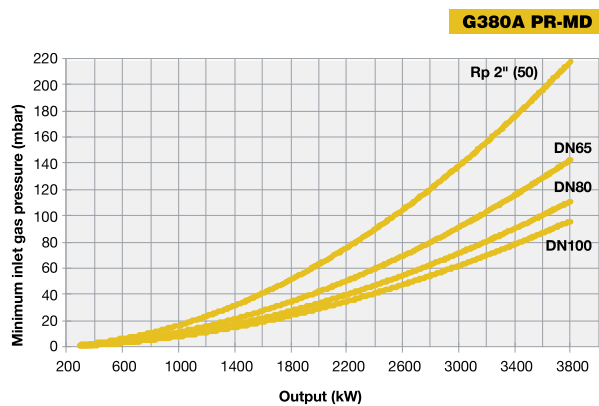
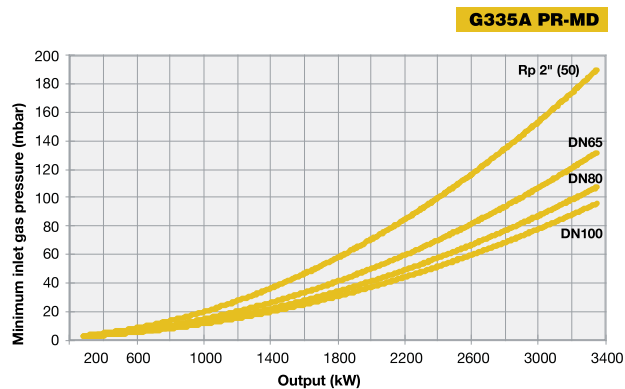
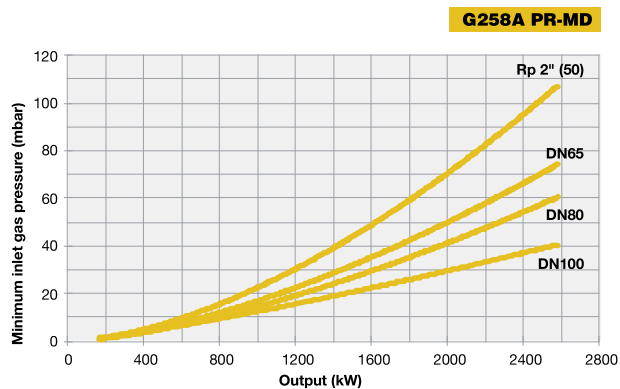
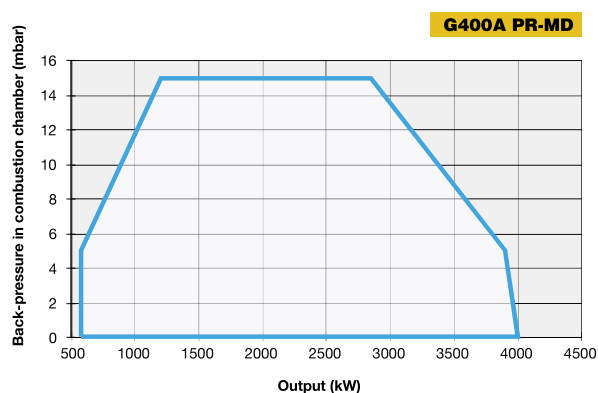
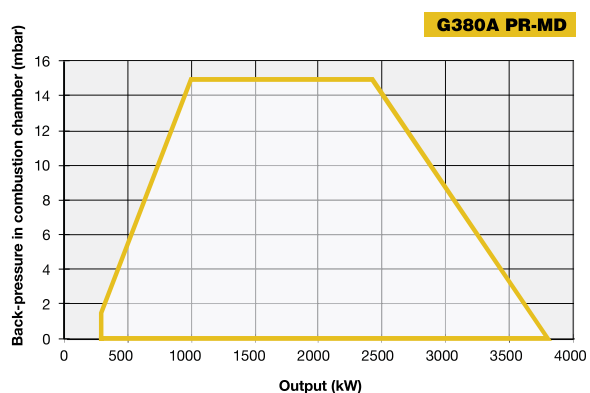
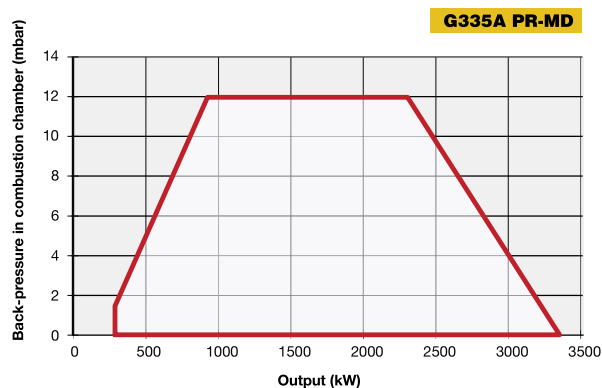
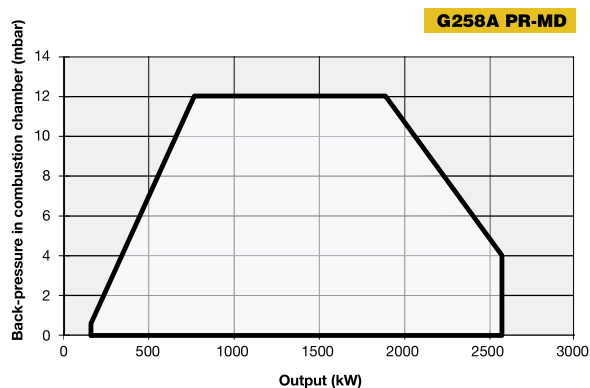
			G258A		G335A	
Model	Gas train	Operation	Code	Price €	Code	Price €
M.MD.SR.xx.A.1.50.ES	2"	MD (**)	03601015S		03601055S	
M.MD.SR.xx.A.1.65.ES	DN65	MD (**)	03601025S		03601065S	
M.MD.SR.xx.A.1.80.ES	DN80	MD (**)	03601035S		03601075S	
M.MD.SR.xx.A.1.100.ES	DN100	MD (**)	03601045S		03601085S	

			G380A		G400A	
Model	Gas train	Operation	Code	Price €	Code	Price €
M.MD.SR.xx.A.1.50.ES	2"	MD (**)	03601335S		03601375S	
M.MD.SR.xx.A.1.65.ES	DN65	MD (**)	03601345S		03601385S	
M.MD.SR.xx.A.1.80.ES	DN80	MD (**)	03601355S		03601395S	
M.MD.SR.xx.A.1.100.ES	DN100	MD (**)	03601365S		03601405S	

(**) 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



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.