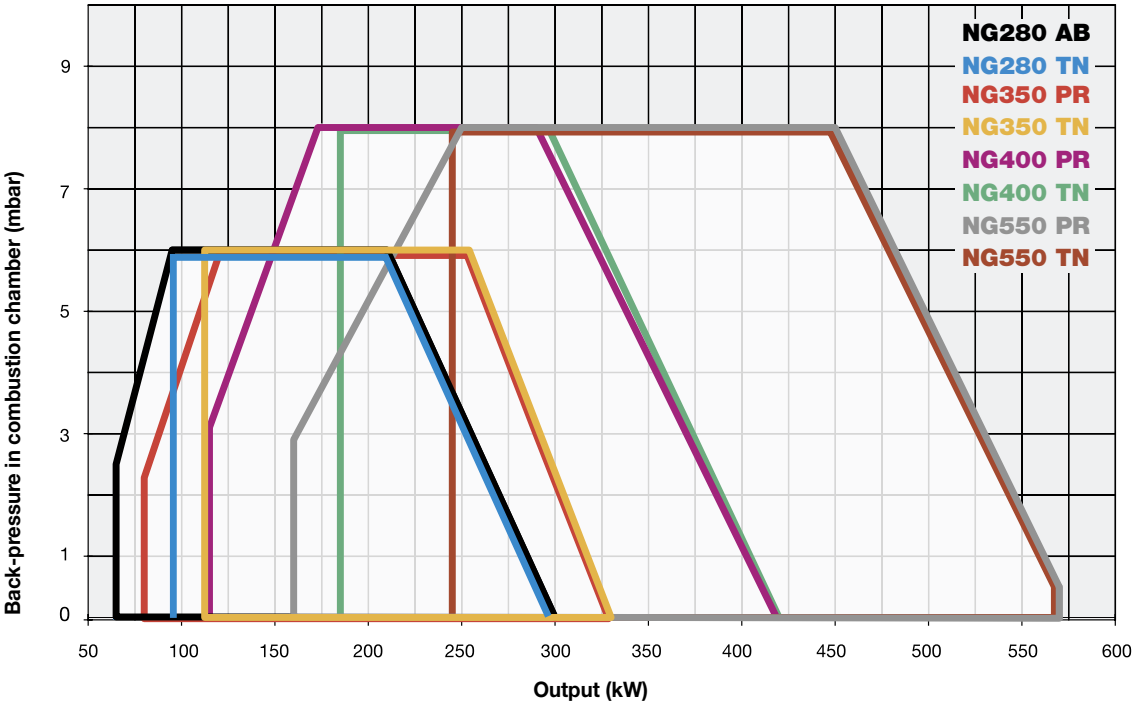
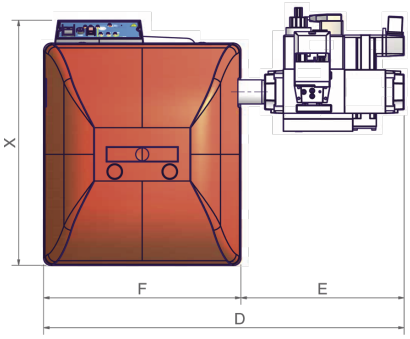
With the new line IDEA **Low NO_x Class 2 (< 120 mg/kWh)**, CIB UNIGAS presents on the market a new conception of modern and functional burners for small and medium appliances with a tangential ventilation. These burners, which are the most powerful of the range IDEA, are particularly suitable to work on the boilers with high back pressure.

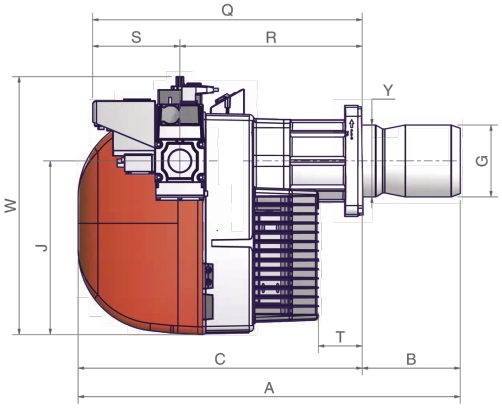


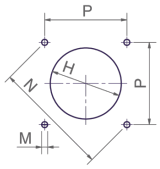
TECHNICAL DETAILS

Type	Model	Power kW		Electric power	Fan motor	Gas connections
		min.	max.	supply	kW	
NG280	M-.TN.x.xx.A.0.xx	95	300	230 V 1N ac	0,25	1" - 1"¼ - 1"½
NG280	M-.xx.x.xx.A.0.xx	65	300	230 V 1N ac	0,25	1" - 1"¼ - 1"½
NG350	M-.TN.M.xx.A.0.xx	115	330	230 V 1N ac	0,37	1" - 1"¼ - 1"½
NG350	M-.xx.M.xx.A.0.xx	80	330	230 V 1N ac	0,37	1" - 1"¼ - 1"½
NG400	M-.TN.M.xx.A.0.xx	185	420	230 V 1N ac	0,37	1" - 1"¼ - 1"½ - 2"
NG400	M-.xx.M.xx.A.0.xx	115	420	230 V 1N ac	0,37	1" - 1"¼ - 1"½ - 2"
NG550	M-.TN.x.xx.A.0.xx	245	570	230 V 1N ac	0,62	1"¼ - 1"½ - 2"
NG550	M-.xx.x.xx.A.0.xx	160	570	230 V 1N ac	0,62	1"¼ - 1"½ - 2"

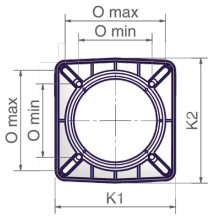
For the configuration of the gas train, see page 101.







Suggested boiler drilling



Burner flange

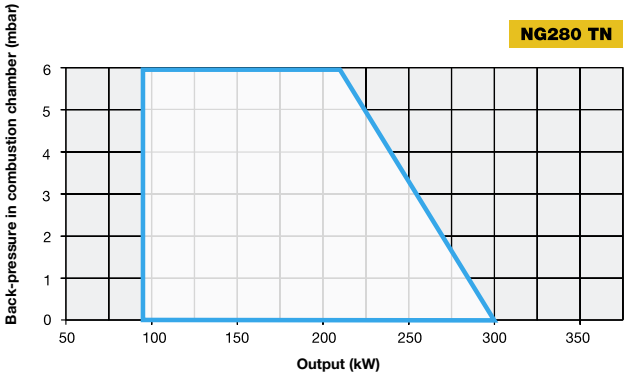
Type	Packaging dimensions (mm)			
	l	p	h	kg
NG280/350/400	1120	440	580	42
NG550	1200	460	630	55

Approximate values

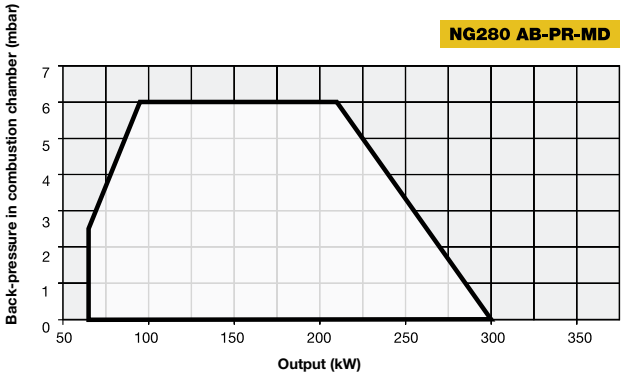
Type	Model	Overall dimensions (mm)																									
		A		B		C	D	E	F	G	H	J	K		M	N	O		P	Q	R	S	T	W	X	Y
		stand.	long	stand.	long								1	2			min.	max.								
NG280	M-.TN.x.xx.A.0.25/32	733	878	163	308	570	596	200	396	117	137	348	215	223	M10	219	131	179	155	541	366	175	128	508	491	108
NG280	M-.xx.x.xx.A.0.40	733	878	163	308	570	726	330	396	117	137	348	215	223	M10	219	131	179	155	541	366	175	128	517	491	108
NG350	M-.xx.M.xx.A.0.25/32	748	878	178	308	570	596	200	396	125	164	348	215	223	M10	219	131	179	155	541	366	175	89	508	491	144
NG350	M-.xx.M.xx.A.0.40	748	878	178	308	570	726	330	396	125	164	348	215	223	M10	219	131	179	155	541	366	175	89	517	491	144
NG400	M-.xx.M.xx.A.0.25/32	768	898	198	328	570	596	200	396	144	164	348	215	223	M10	219	131	179	155	541	366	175	89	508	491	144
NG400	M-.xx.M.xx.A.0.40	768	898	198	328	570	726	330	396	144	164	348	215	223	M10	219	131	179	155	541	366	175	89	517	491	144
NG400	M-.xx.M.xx.A.0.50	768	898	198	328	570	726	330	396	144	164	348	215	223	M10	219	131	179	155	541	366	175	89	567	491	144
NG550	M-.xx.x.xx.A.0.32	843	943	253	353	590	671	245	426	158	178	384	241	241	M10	247	157	192	174	552	377	175	69	543	533	155
NG550	M-.xx.x.xx.A.0.40	843	943	253	353	590	744	318	426	158	178	384	241	241	M10	247	157	192	174	552	377	175	69	553	533	155
NG550	M-.xx.x.xx.A.0.50	843	943	253	353	590	744	318	426	158	178	384	241	241	M10	247	157	192	174	552	377	175	69	603	533	155

Approximate values

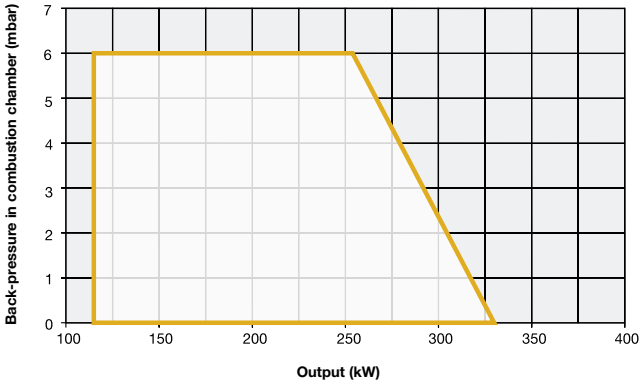
NG280 TN



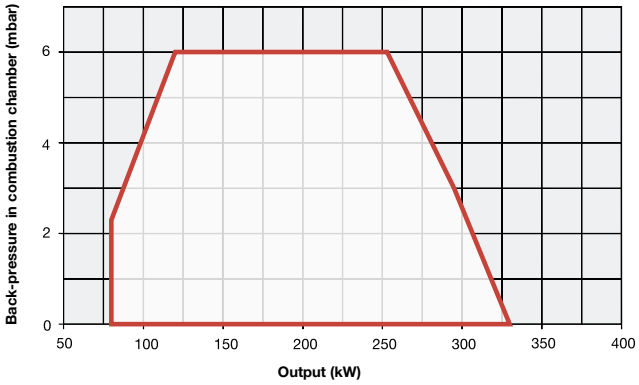
NG280 AB-PR-MD



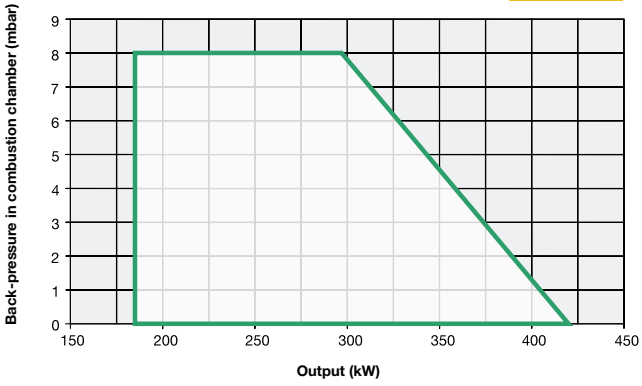
NG350 TN



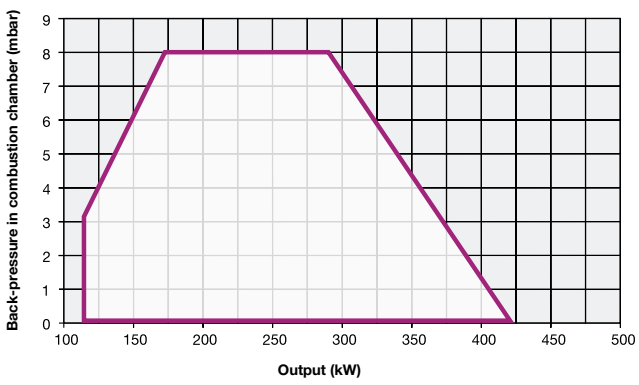
NG350 PR MD



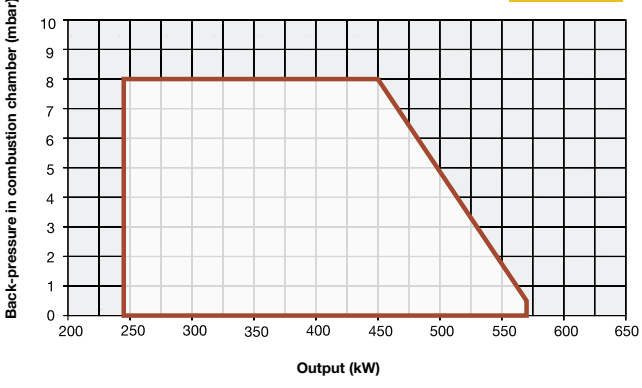
NG400 TN



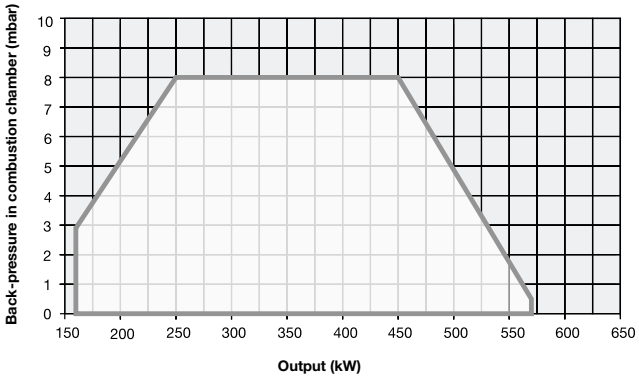
NG400 PR-MD



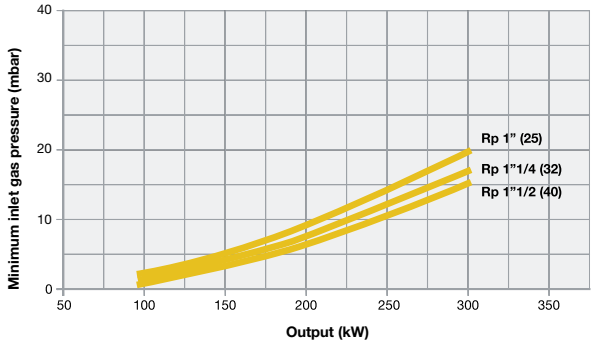
NG550 TN



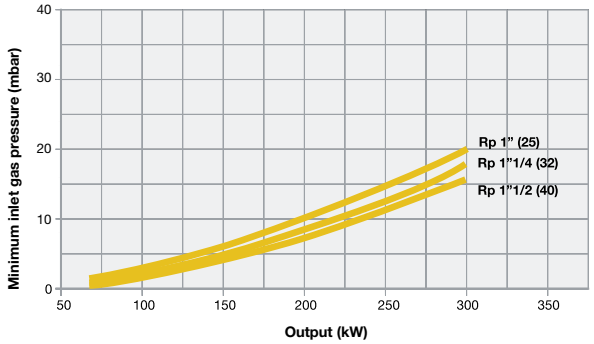
NG550 PR-MD



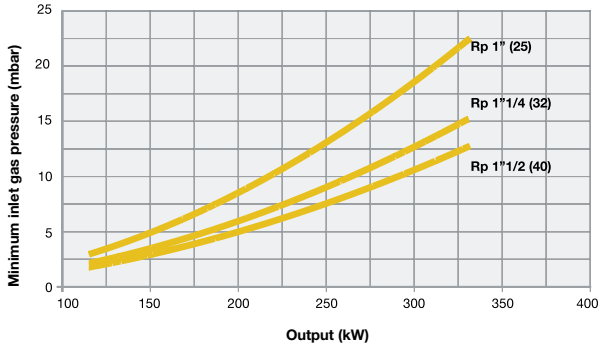
NG280 TN



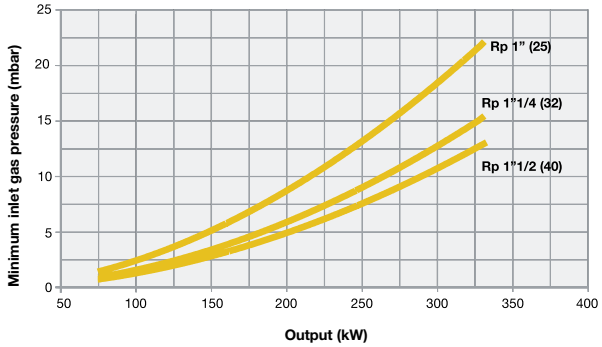
NG280 AB-PR-MD



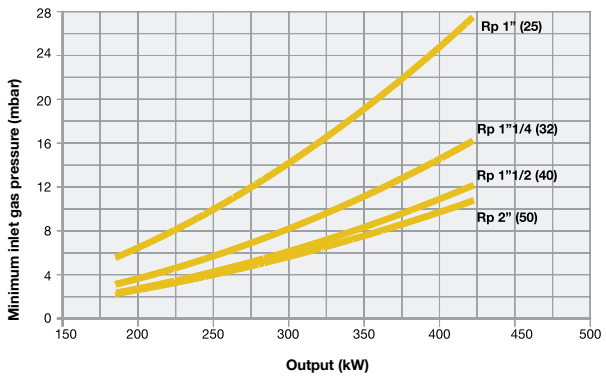
NG350 TN



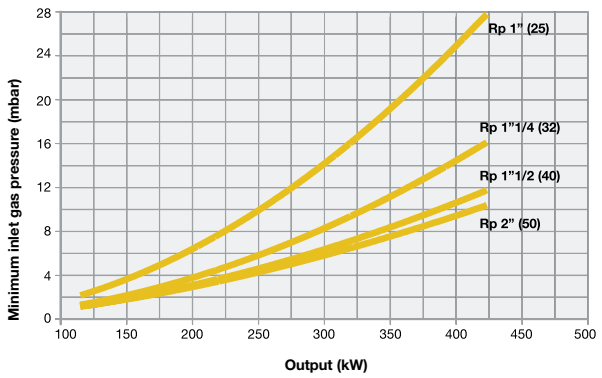
NG350 PR-MD



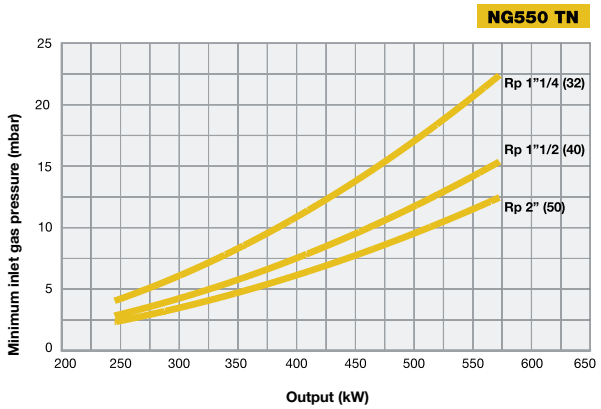
NG400 TN



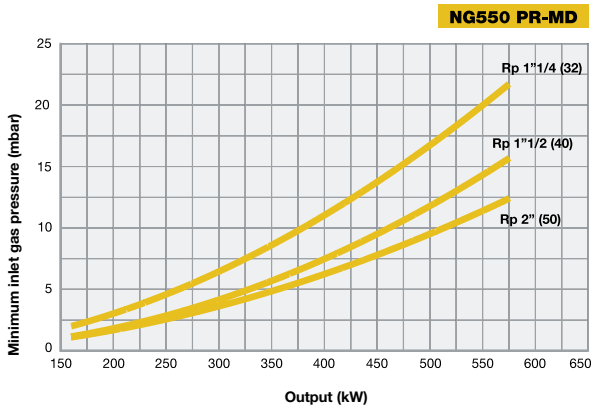
NG400 PR-MD



NG550 TN



NG550 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.