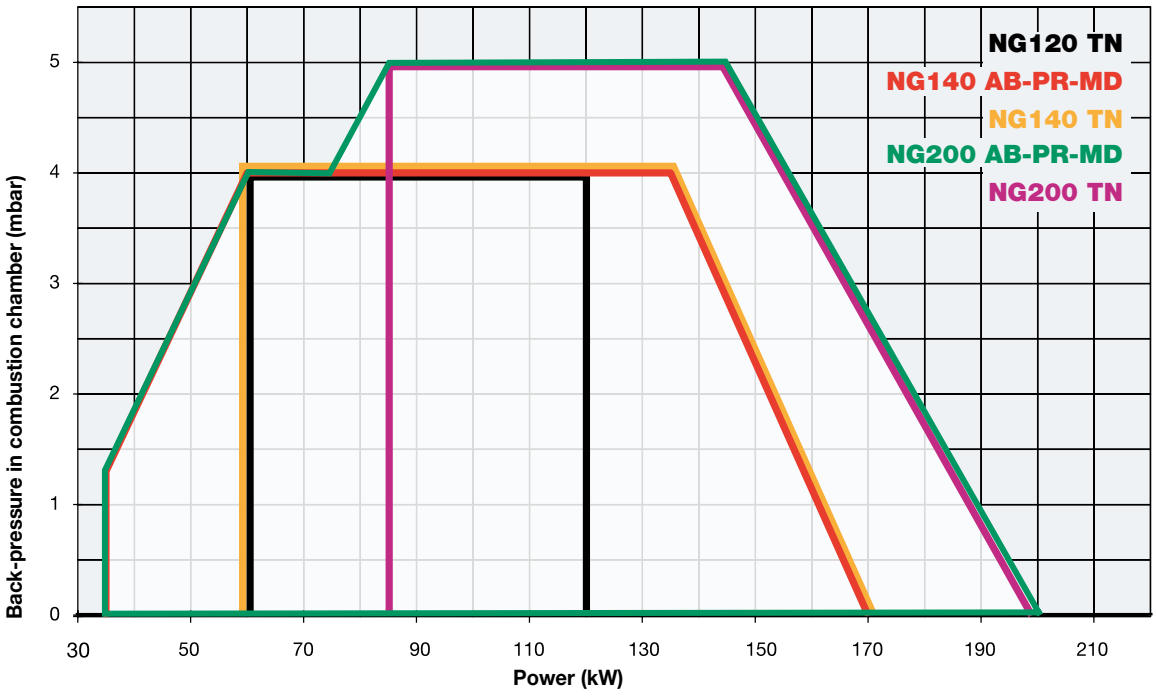
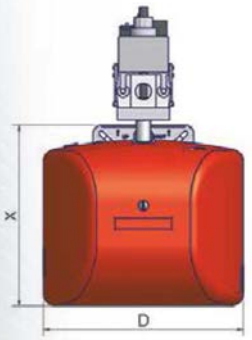
With the new line IDEA **Low NO_x Class 2 (< 120 mg/kWh)** with tangential ventilation, CIB Unigas presents to the market a new concept of modern and functional burners for small and medium appliances. These burners are particular suitable to work on high efficiency boilers. The burner is designed to be aesthetic and functional but at the same time it gives prominence to innovative technologies.

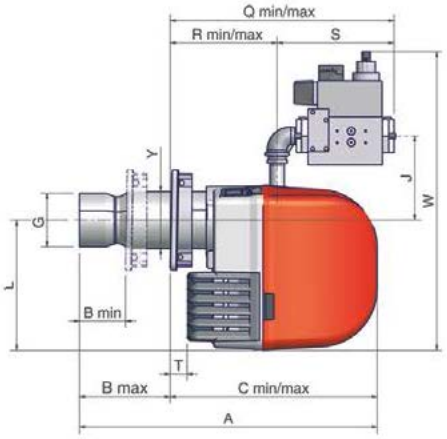


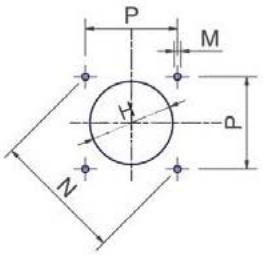
TECHNICAL DETAILS

Type	Model	Power kW		Electric power	Fan motor	Gas connections
		min.	max.	supply	kW	Rp
NG120	M-.TN.x.IT.A.0.15	60	120	230 V 1N ac	0,18	1⁄2”
NG140	M-.TN.x.IT.A.0.xx	60	170	230 V 1N ac	0,18	3⁄4” - 1”
NG140	M-.xx.x.IT.A.0.xx	35	170	230 V 1N ac	0,18	3⁄4” - 1”
NG200	M-.TN.x.IT.A.0.xx	85	200	230 V 1N ac	0,18	3⁄4” - 1”
NG200	M-.xx.x.IT.A.0.xx	42	200	230 V 1N ac	0,18	3⁄4” - 1”

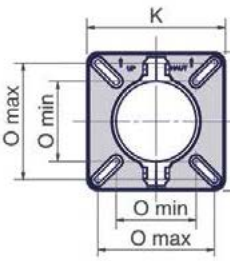
For the configuration of the gas train, see pages 110-111.







Suggested boiler drilling



Burner flange

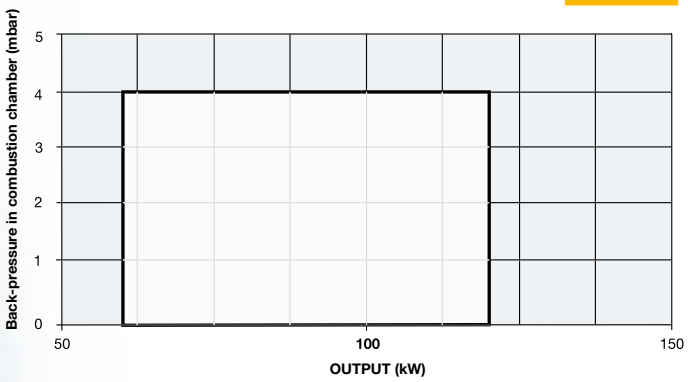
Type	Packaging dimensions* (mm)			
	l	*p*	*h*	kg
NG120/140/200 S	600	370	400	25
NG120/140/200 L	750	370	400	25

(*) Approximate values

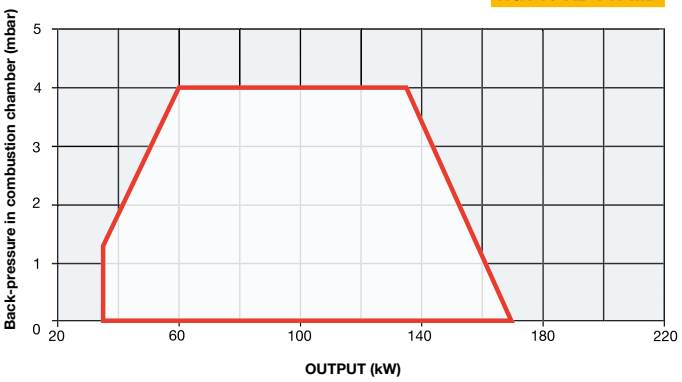
Type	Model	Overall dimensions* (mm)																							
		A	B		C		D	G	H	J	K	L	M	N	O		P	Q		R		S	T	W	X	Y
			min.	max.	min.	max.									min.	max.		min.	max.	min.	max.		min.			
NG120	M-.xx.S.IT.A.0.15	560	85	170	390	475	374	101	128	161	188	245	M8	188	109	158	133	382	467	202	287	180	32	537	340	Ø108
NG120	M-.xx.L.IT.A.0.15	660	85	270	390	575	374	101	128	161	188	245	M8	188	109	158	133	382	567	202	387	180	32	537	340	Ø108
NG140	M-.xx.S.IT.A.0.20	560	85	170	390	475	374	101	128	161	188	245	M8	188	109	158	133	382	467	202	287	180	32	537	340	Ø108
NG140	M-.xx.L.IT.A.0.20	660	85	270	390	575	374	101	128	161	188	245	M8	188	109	158	133	382	567	202	387	180	32	537	340	Ø108
NG140	M-.xx.S.IT.A.0.25	560	85	170	390	475	374	101	128	161	188	245	M8	188	109	158	133	426	511	202	287	224	32	565	340	Ø108
NG140	M-.xx.L.IT.A.0.25	660	85	270	390	575	374	101	128	161	188	245	M8	188	109	158	133	426	611	202	387	224	32	565	340	Ø108
NG200	M-.xx.S.IT.A.0.20	560	85	170	390	475	374	117	137	161	188	245	M8	188	109	158	133	382	467	202	287	180	32	537	340	Ø108
NG200	M-.xx.L.IT.A.0.20	660	85	270	390	575	374	117	137	161	188	245	M8	188	109	158	133	382	567	202	387	180	32	537	340	Ø108
NG200	M-.xx.S.IT.A.0.25	560	85	170	390	475	374	117	137	161	188	245	M8	188	109	158	133	426	511	202	287	224	32	565	340	Ø108
NG200	M-.xx.L.IT.A.0.25	660	85	270	390	575	374	117	137	161	188	245	M8	188	109	158	133	426	611	202	387	224	32	565	340	Ø108

(*) Approximate values

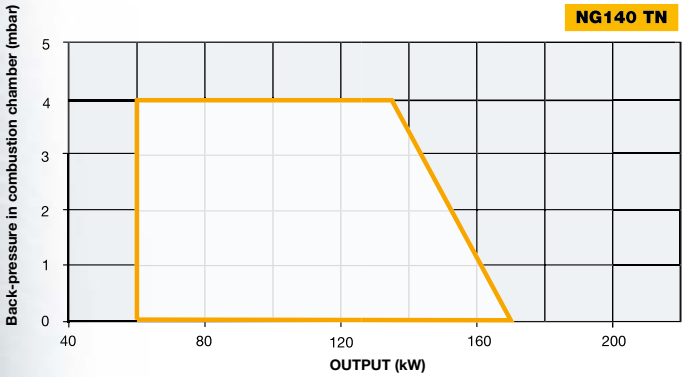
NG120 TN



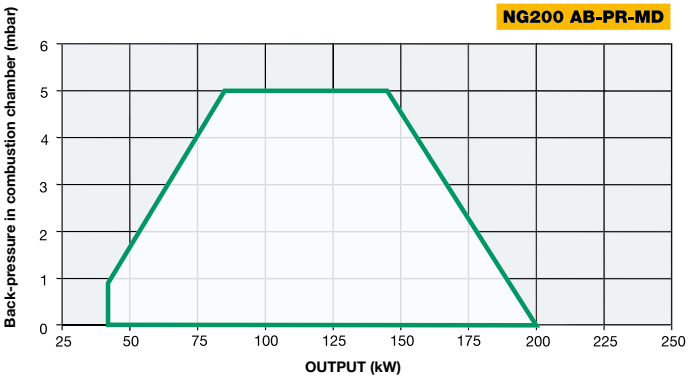
NG140 AB-PR-MD



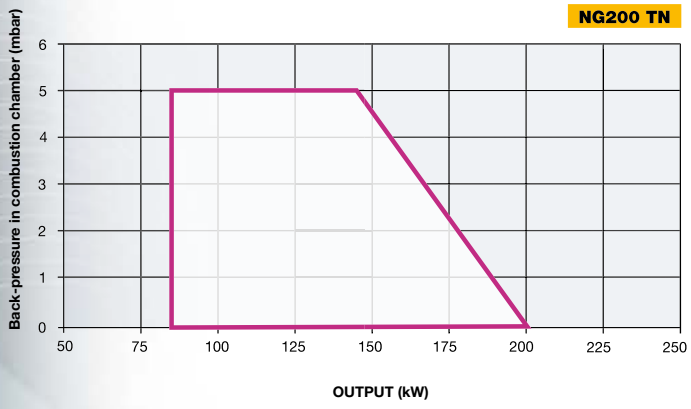
NG140 TN



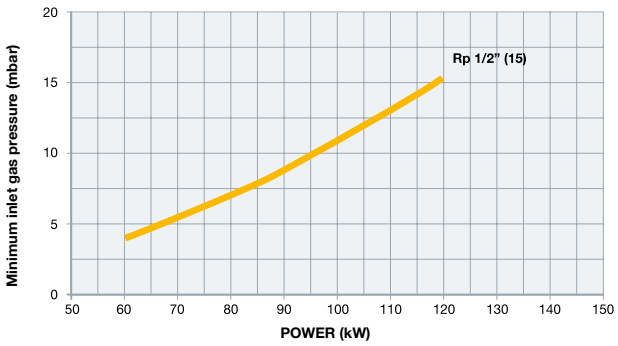
NG200 AB-PR-MD



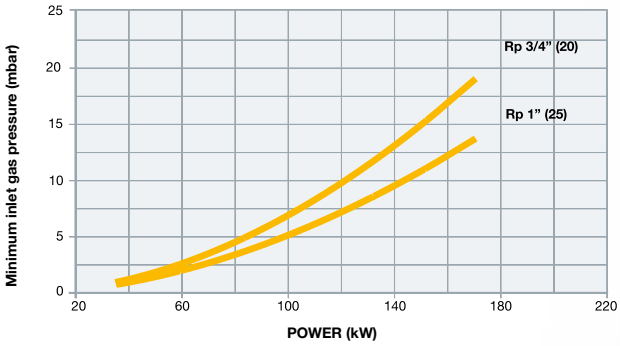
NG200 TN



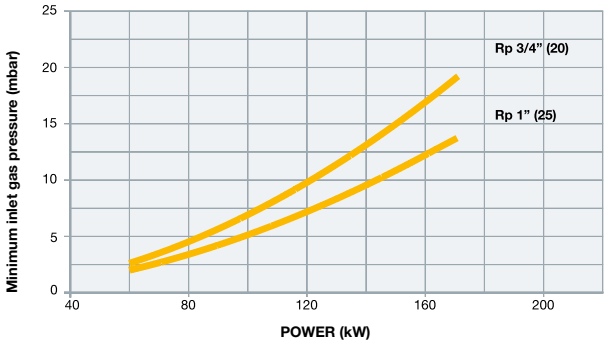
NG120 TN



NG140 AB-PR-MD



NG140 TN



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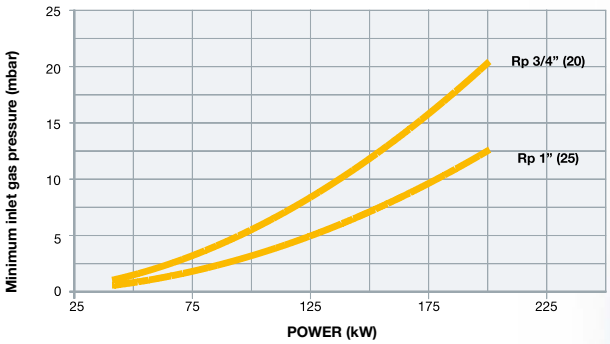
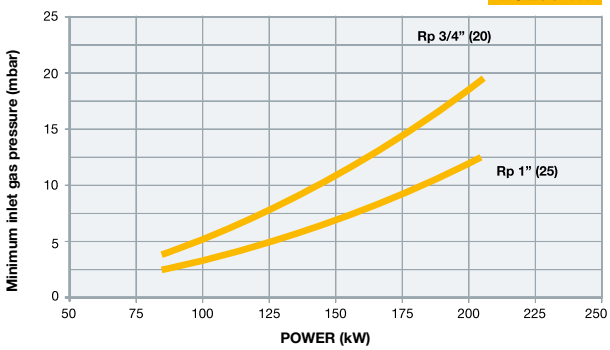


NG200 TN



Attention: he 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.