



With the new line IDEA, CIB UNIGAS presents to the market a new concept of modern, functional burners for small and medium appliances.

These burners are particularly suitable to work on high efficiency boilers. The burner is designed to be aesthetic and functional but at the same time gives prominence to innovative technologies.

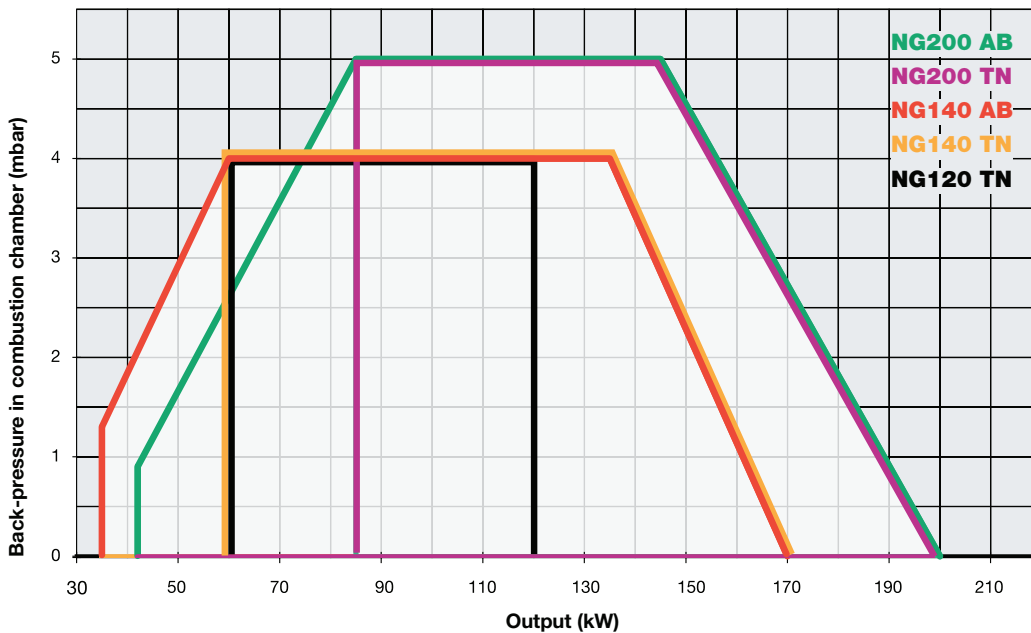
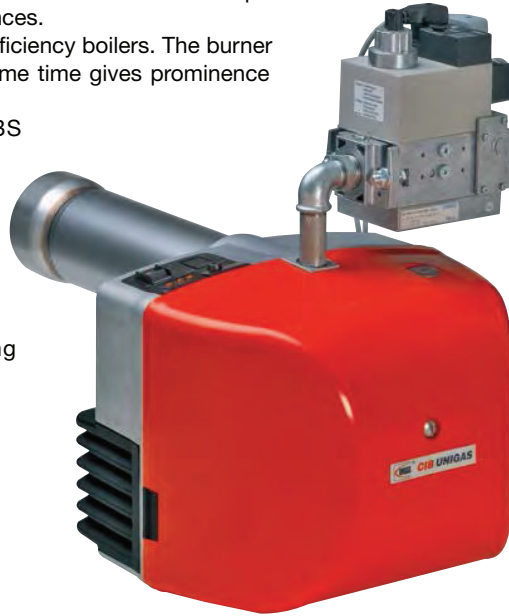
The cover, easily removable, is heat resistant (ABS material). Moreover the new boiler connection flange improves the seal and overall dimensions.

A sight glass is provided for visualighting of the flame during operation. All components can be fitted into a backing plate

which can be moved and attached to special fixings within the burner to make maintenance easier.

Combustion head can be easily set by the adjusting screw, without removing the cover.

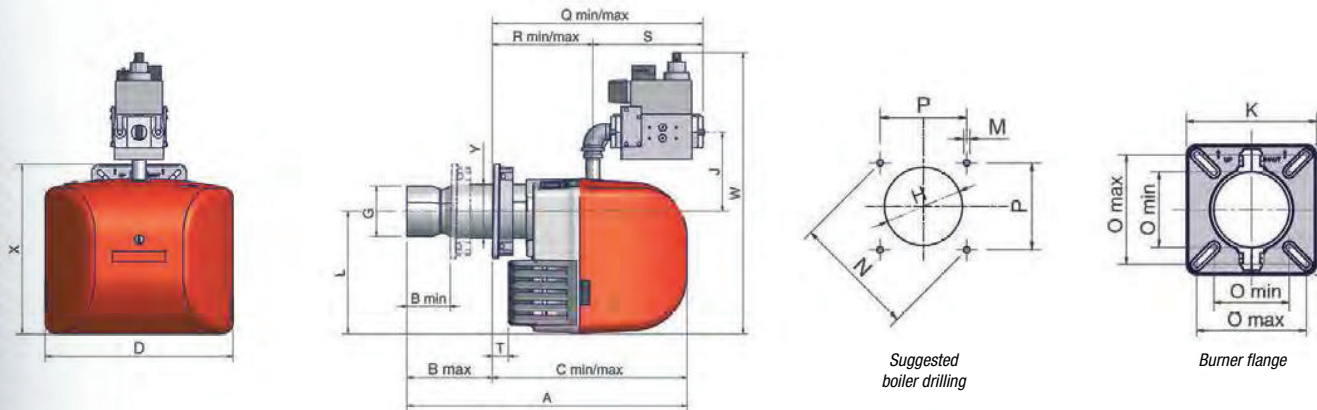
A special air inlet ensures the lowest noises level.



## TECHNICAL DETAILS

Type	Model	Power kW		Electric power supply	Fan motor kW	Gas connections Rp
		min.	max.			
<b>NG120</b>	M-.TN.x.IT.A.0.15	60	120	230 V 1N ac	0,18	1/2"
<b>NG140</b>	M-.TN.x.IT.A.0.xx	60	170	230 V 1N ac	0,18	3/4" - 1"
<b>NG140</b>	M-.xx.x.IT.A.0.xx	35	170	230 V 1N ac	0,18	3/4" - 1"
<b>NG200</b>	M-.TN.x.IT.A.0.xx	85	200	230 V 1N ac	0,18	3/4" - 1"
<b>NG200</b>	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 112-113.



Type	Packaging dimensions* (mm)			
	l	p	h	kg
<b>NG120/140/200 S</b>	600	370	400	25
<b>NG120/140/200 L</b>	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.					
<b>NG120</b>	M-.xx.S.IT.A.0.15	560	85	170	390	475	374	Ø101	Ø128	161	188	245	M8	188	109	158	133	382	467	202	287	180	32	537	340	Ø108
<b>NG120</b>	M-.xx.L.IT.A.0.15	660	85	270	390	575	374	Ø101	Ø128	161	188	245	M8	188	109	158	133	382	567	202	387	180	32	537	340	Ø108
<b>NG140</b>	M-.xx.S.IT.A.0.20	560	85	170	390	475	374	Ø101	Ø128	161	188	245	M8	188	109	158	133	382	467	202	287	180	32	537	340	Ø108
<b>NG140</b>	M-.xx.L.IT.A.0.20	660	85	270	390	575	374	Ø101	Ø128	161	188	245	M8	188	109	158	133	382	567	202	387	180	32	537	340	Ø108
<b>NG140</b>	M-.xx.S.IT.A.0.25	560	85	170	390	475	374	Ø101	Ø128	161	188	245	M8	188	109	158	133	426	511	202	287	224	32	565	340	Ø108
<b>NG140</b>	M-.xx.L.IT.A.0.25	660	85	270	390	575	374	Ø101	Ø128	161	188	245	M8	188	109	158	133	426	611	202	387	224	32	565	340	Ø108
<b>NG200</b>	M-.xx.S.IT.A.0.20	560	85	170	390	475	374	Ø117	Ø137	161	188	245	M8	188	109	158	133	382	467	202	287	180	32	537	340	Ø108
<b>NG200</b>	M-.xx.L.IT.A.0.20	660	85	270	390	575	374	Ø117	Ø137	161	188	245	M8	188	109	158	133	382	567	202	387	180	32	537	340	Ø108
<b>NG200</b>	M-.xx.S.IT.A.0.25	560	85	170	390	475	374	Ø117	Ø137	161	188	245	M8	188	109	158	133	426	511	202	287	224	32	565	340	Ø108
<b>NG200</b>	M-.xx.L.IT.A.0.25	660	85	270	390	575	374	Ø117	Ø137	161	188	245	M8	188	109	158	133	426	611	202	387	224	32	565	340	Ø108

(\*) Approximate values

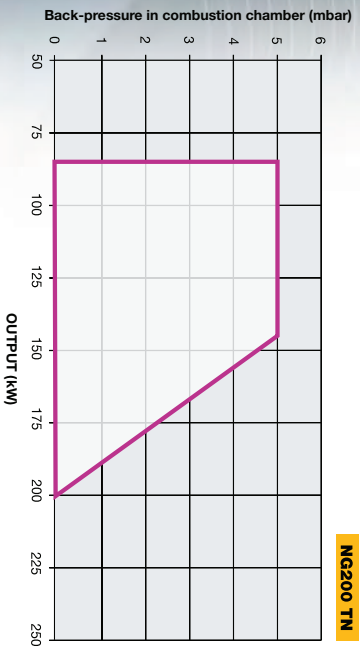
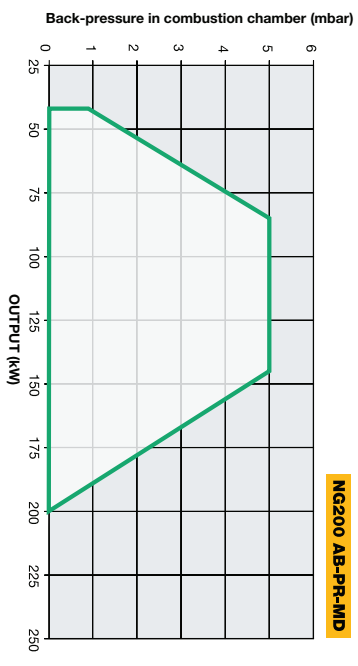
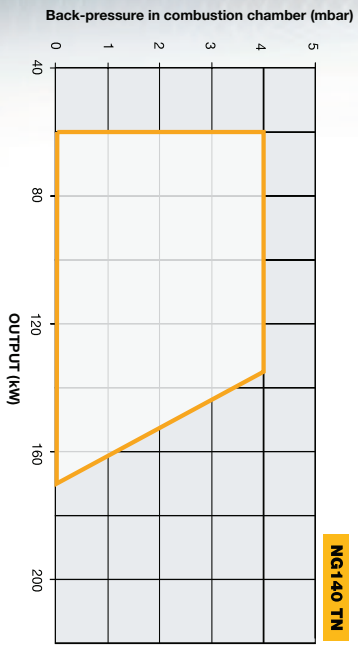
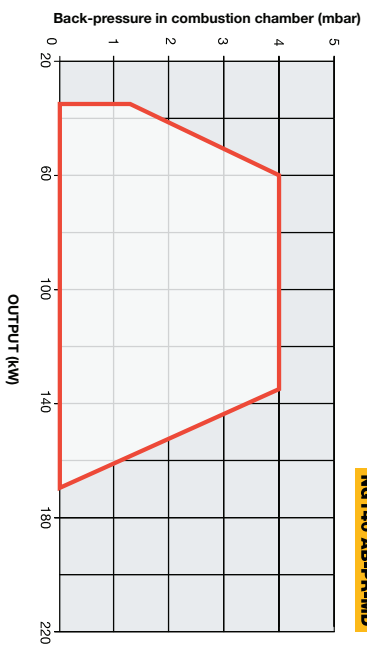
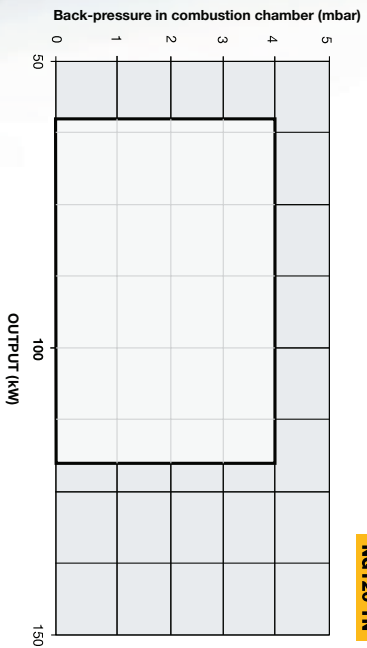


## MECHANICAL OPERATION

Model	Gas train	Operation	NG120		NG140		NG200	
			Code	Price €	Code	Price €	Code	Price €
<b>M-.TN.S.IT.A.0.15</b>	½"	TN	026010141		-		-	
<b>M-.TN.L.IT.A.0.15</b>	½"	TN	026010241		-		-	
<b>M-.TN.S.IT.A.0.20</b>	¾"	TN	-		026010341		026010941	
<b>M-.TN.L.IT.A.0.20</b>	¾"	TN	-		026010441		026011041	
<b>M-.TN.S.IT.A.0.25</b>	1"	TN	-		026010541		026011141	
<b>M-.TN.L.IT.A.0.25</b>	1"	TN	-		026010641		026011241	
<b>M-.AB.S.IT.A.0.20</b>	¾"	AB	-		026010342		026010942	
<b>M-.AB.L.IT.A.0.20</b>	¾"	AB	-		026010442		026011042	
<b>M-.AB.S.IT.A.0.25</b>	1"	AB	-		026010542		026011142	
<b>M-.AB.L.IT.A.0.25</b>	1"	AB	-		026010642		026011242	
<b>M-.PR.S.IT.A.0.25</b>	1"	PR	-		026010543		026011143	
<b>M-.PR.L.IT.A.0.25</b>	1"	PR	-		026010643		026011243	
<b>M-.MD.S.IT.A.0.25</b>	1"	MD(*)	-		026010544		026011144	
<b>M-.MD.L.IT.A.0.25</b>	1"	MD(*)	-		026010644		026011244	

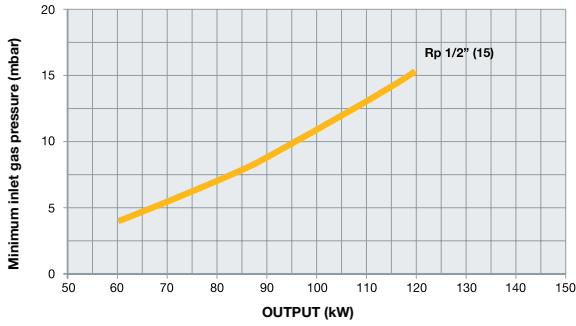
(\*) In order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 238).

In compliance with DIRECTIVE 2009/142/CE

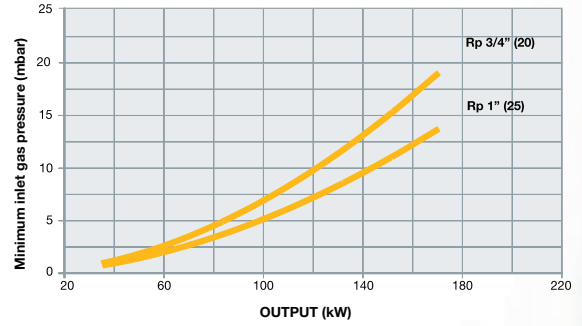




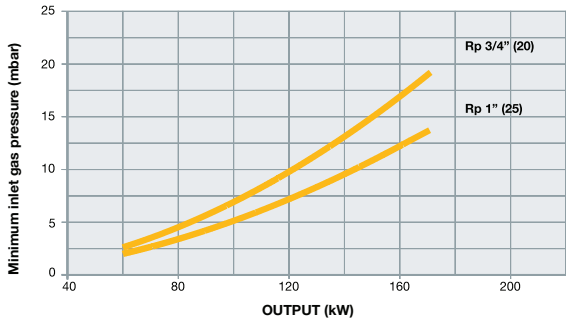
**NG120 TN**



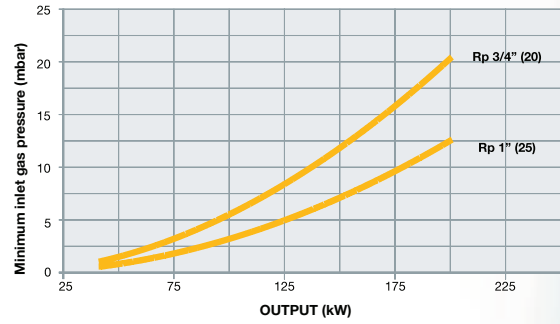
**NG140 AB-PR-MD**



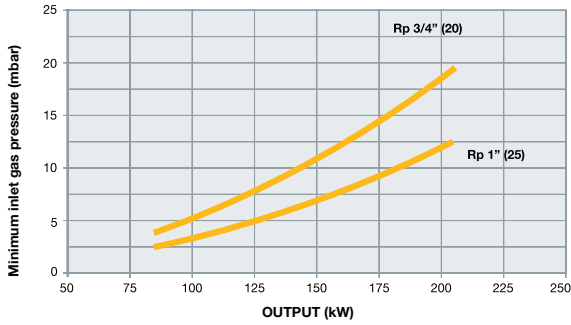
**NG140 TN**



**NG200 AB-PR-MD**



**NG200 TN**



**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.