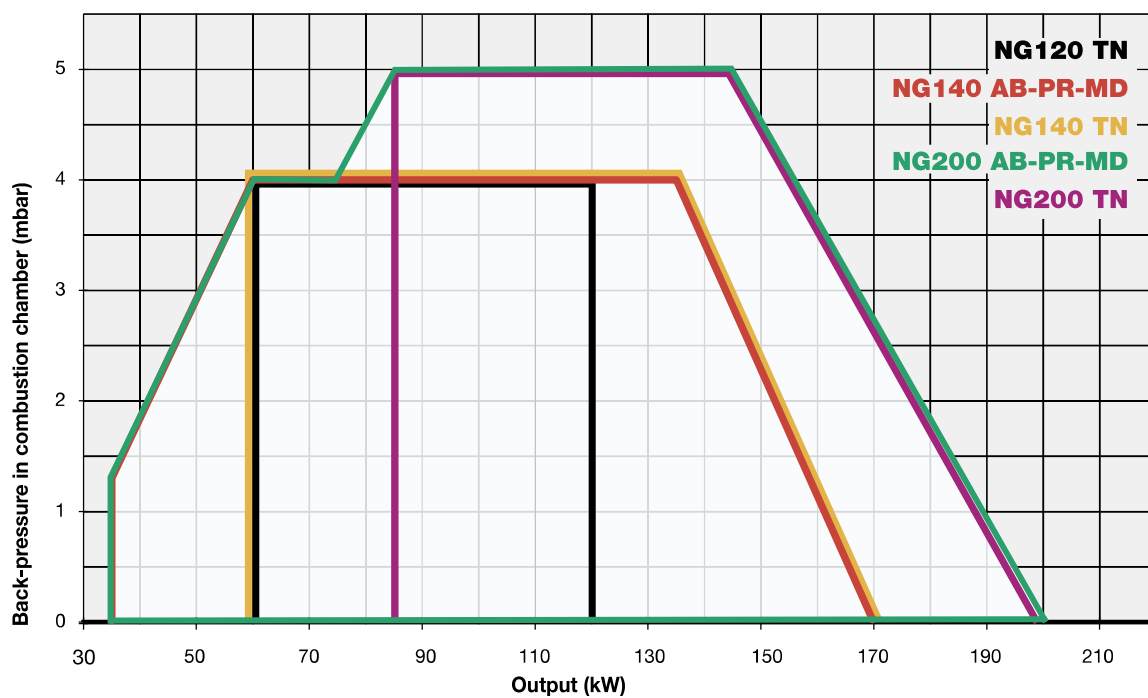
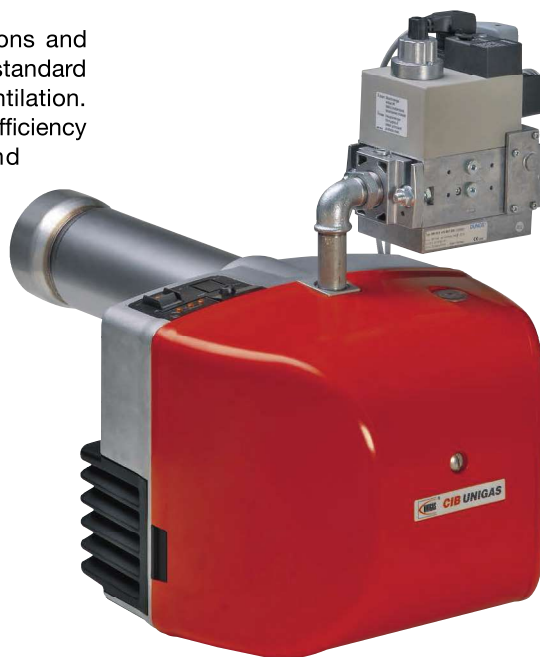


NG120 NG140 NG200 **idea** SERIES

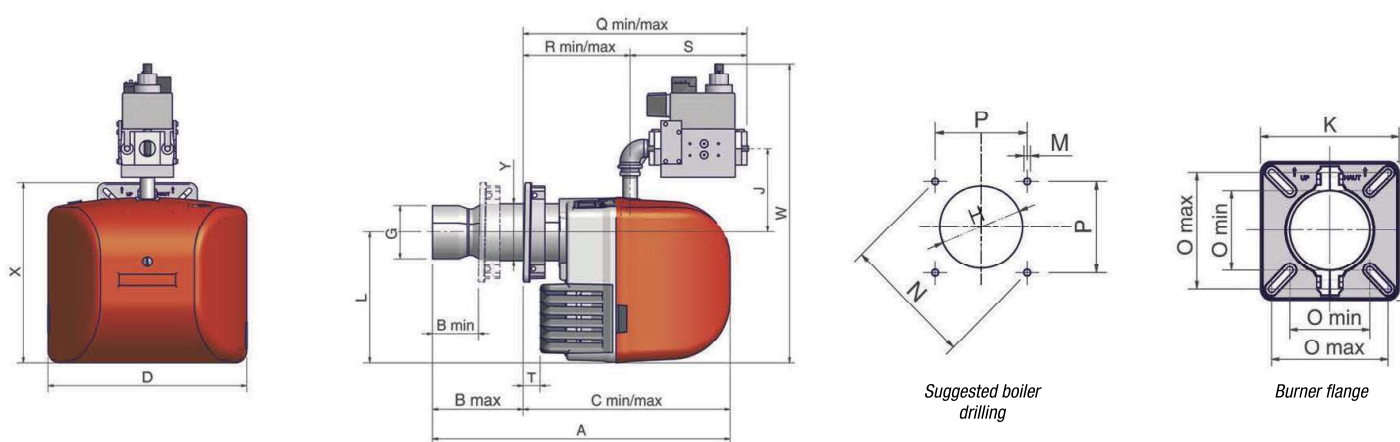
This series of burners represents, in terms of dimensions and output, the small-medium series of the new line IDEA standard **Low NO_x Class 2 (< 120 mg/kWh)** with tangential ventilation. These burners are particularly suitable to work on high efficiency boilers. The burner is designed to be aesthetic and functional, giving at the same time prominence to innovative technologies.



TECHNICAL DETAILS

Type	Model	Power kW		Electric power supply	Fan motor kW	Gas connections
		min.	max.			
NG120	M-.TN.x.xx.A.0.15	60	120	230 V 1N ac	0,18	½"
NG140	M-.TN.x.xx.A.0.xx	60	170	230 V 1N ac	0,18	¾" - 1"
NG140	M-.xx.x.xx.A.0.xx	35	170	230 V 1N ac	0,18	¾" - 1"
NG200	M-.TN.x.xx.A.0.xx	85	200	230 V 1N ac	0,18	¾" - 1"
NG200	M-.xx.x.xx.A.0.xx	42	200	230 V 1N ac	0,18	¾" - 1"

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

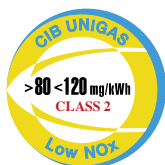


Type	Packaging dimensions (mm)			
	l	p	h	kg
NG120/140/200 S	600	370	400	25
NG120/140/200 L	750	370	400	25

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.xx.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.xx.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.xx.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.xx.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.xx.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.xx.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.xx.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.xx.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.xx.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.xx.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


MECHANICAL OPERATION

Model	Gas train	Operation	NG120		NG140		NG200	
			Code	Price €	Code	Price €	Code	Price €
M-.TN.S.xx.A.0.15	½"	TN	026010141		-		-	
M-.TN.S.xx.A.0.20	¾"	TN	-		026010341		026010941	
M-.TN.S.xx.A.0.25	1"	TN	-		026010541		026011141	
M-.AB.S.xx.A.0.20	¾"	AB	-		026010342		026010942	
M-.AB.S.xx.A.0.25	1"	AB	-		026010542		026011142	
M-.PR.S.xx.A.0.25	1"	PR (*)	-		026010543		026011143	

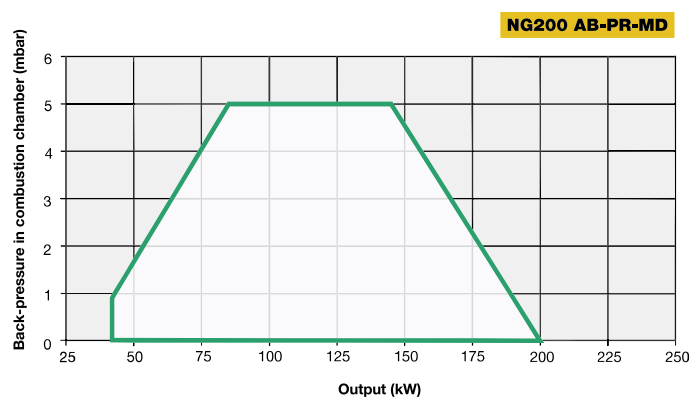
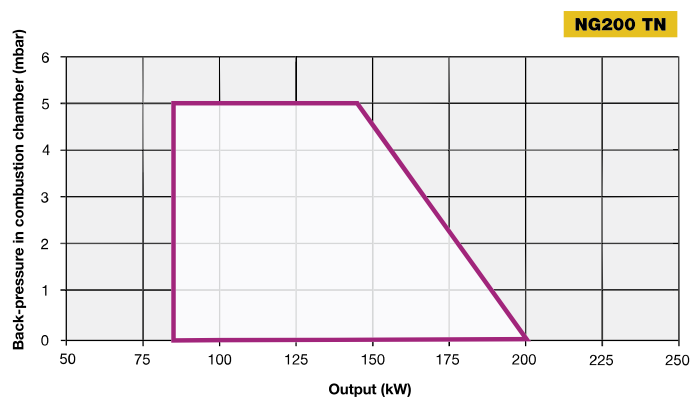
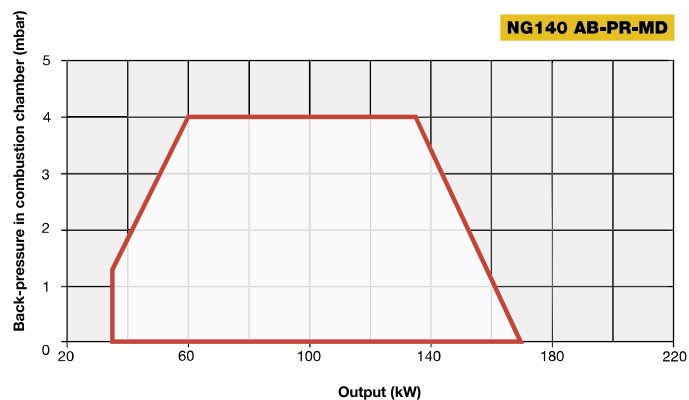
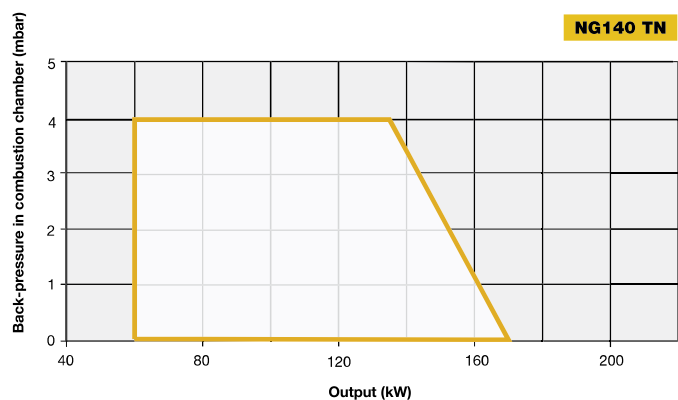
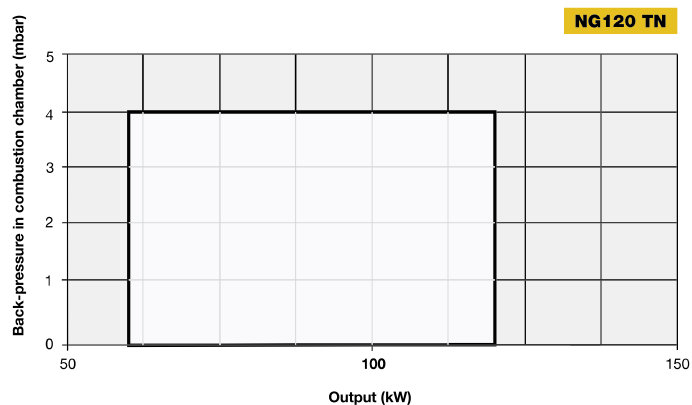
S = Standard combustion head (BS)

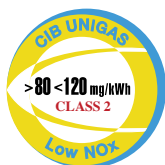
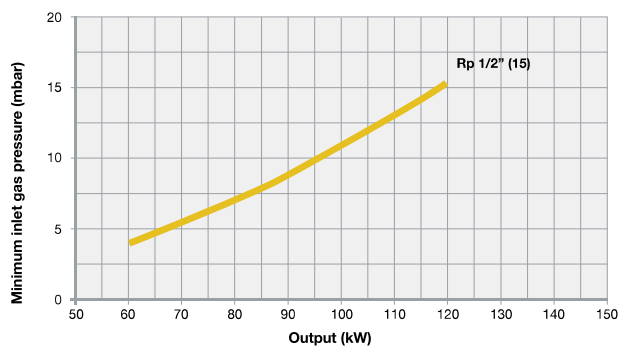
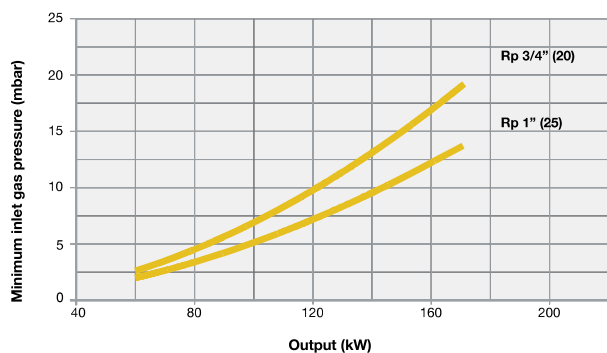
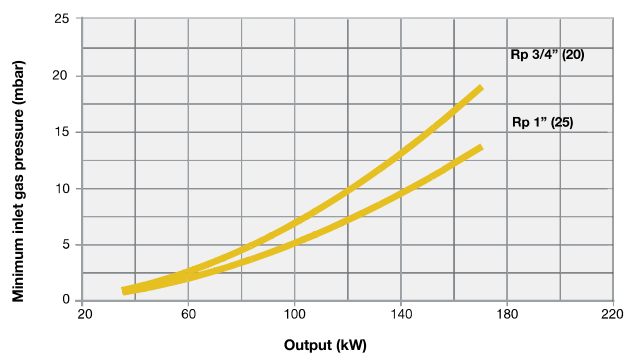
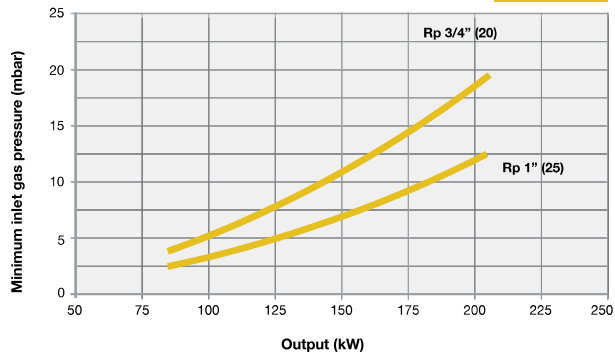
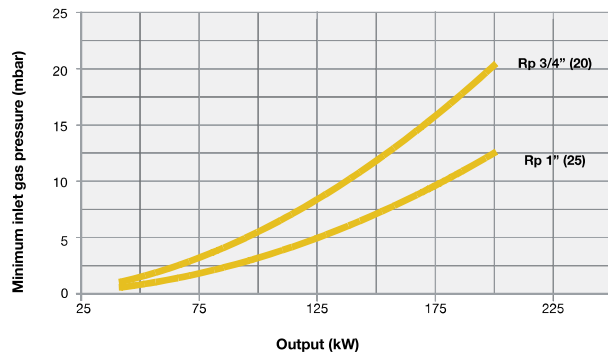
L = For long combustion head version (BL) increase the price (see price list)

(*) 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 174).

In compliance with GAR DIRECTIVE 2016/426/EU



**NG120 TN****NG140 TN****NG140 AB-PR-MD****NG200 TN****NG200 AB-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.