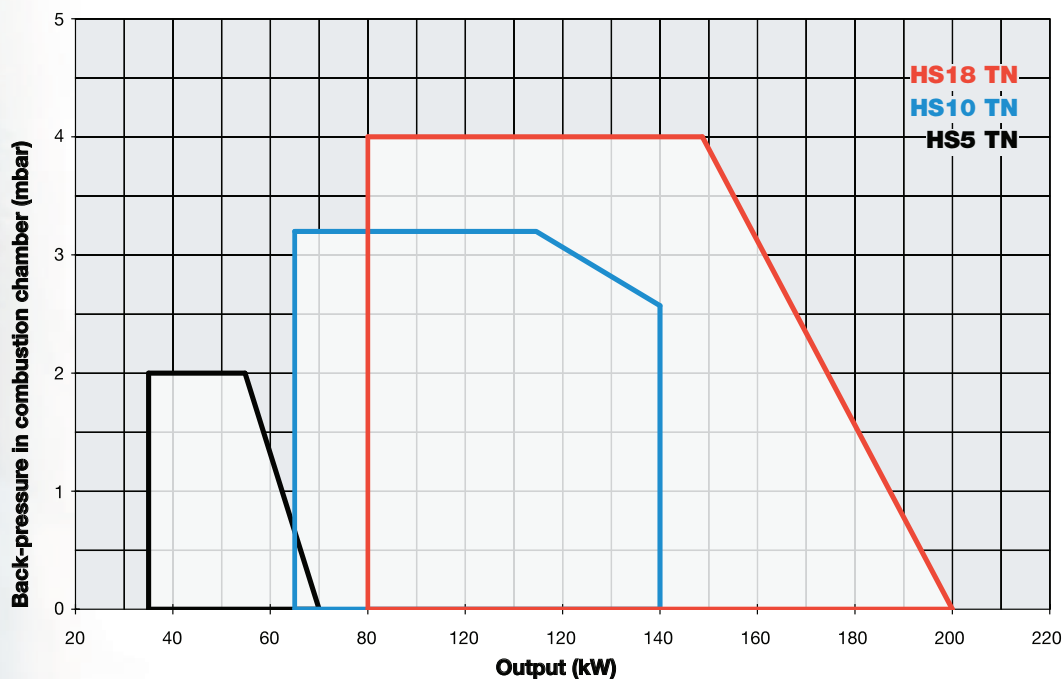


This small output series can work both with gas and light oil according to the fuel availability on the plant.

Of course all mechanisms have been carefully studied to give the max efficiency and are perfectly compatible to work with gas and liquid fuels; in fact fuel change over is simply achieved by a single electrical switch which prompts the burner to carry out a controlled shutdown.

The high performance fuel pump is driven by a separate motor running only when oil firing is selected.

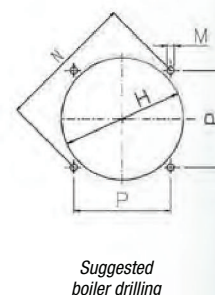
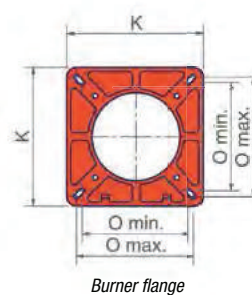
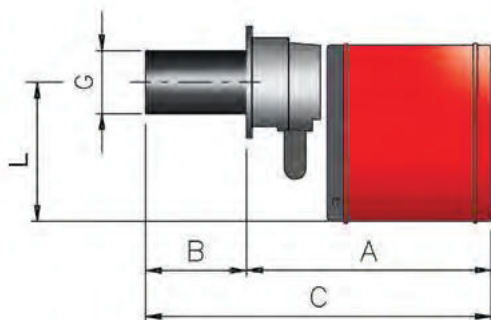
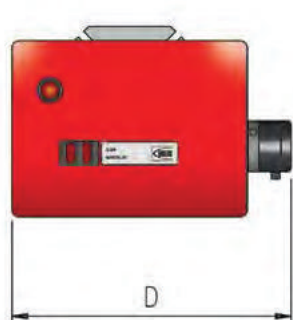
Moreover, thanks to its small dimensions, this series is particularly suitable to a quick maintenance. The burner's feature: an housing made in aluminium die-cast, the cover can be easily taken off, a grill on the air inlet prevents any foreign object being drawn into the fan. The combustion head can be adjusted by means of a graduated screw.





TECHNICAL DETAILS

Type	Model	Power kW		Electric power supply	Fan motor kW	Pump motor kW	Gas connections
		min.	max.				
HS5	MG.TN.x.xx.A.0.15	35	70	230 V 1N ac	0,10	0,1	1/2"
HS10	MG.TN.x.xx.A.0.20	65	140	230 V 1N ac	0,15	0,1	3/4"
HS18	MG.TN.x.xx.A.0.25	80	200	230 V 1N ac	0,15	0,1	1"



Burner flange

Suggested boiler drilling

Type	Packaging dimensions* (mm)			
	l	p	h	kg
HS5	580	580	360	23
HS10	510	350	730	30
HS15	510	350	730	31

(*) Approximate values

Type	Model	Overall dimensions* (mm)								Suggested boiler drilling (mm)				Burner flange (mm)		
		A	B	BL	C	CL	D	G	L	H	P		M	N	K	O
											min.	max.			min.	max.
HS5	MG.TN.x.xx.A.0.15	320	0÷61	0÷160	380	480	400	80	190	90	92	134	M8	130÷189	162	86 138
HS10	MG.TN.x.xx.A.0.20	351	159	254	510	605	430	108	210	115	105	134	M8	148÷189	162	103 103
HS18	MG.TN.x.xx.A.0.25	348	177	267	525	615	430	126	210	135	105	134	M8	148÷189	162	103 103

(*) Approximate values

miniflam series

HS5 HS10 HS18

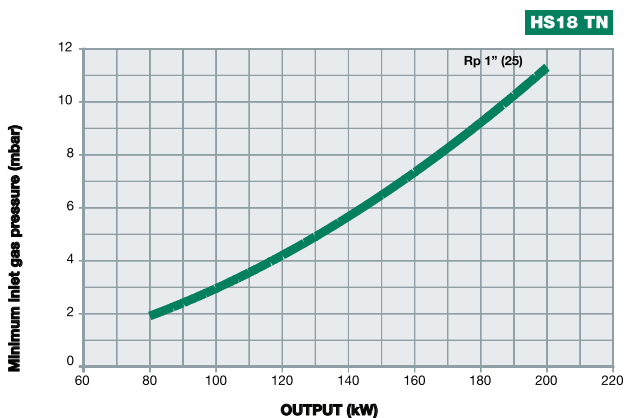
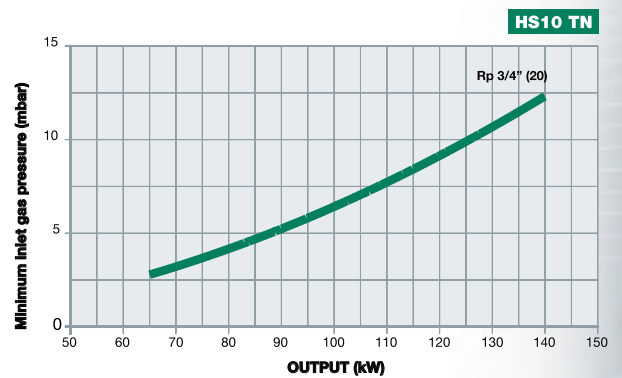
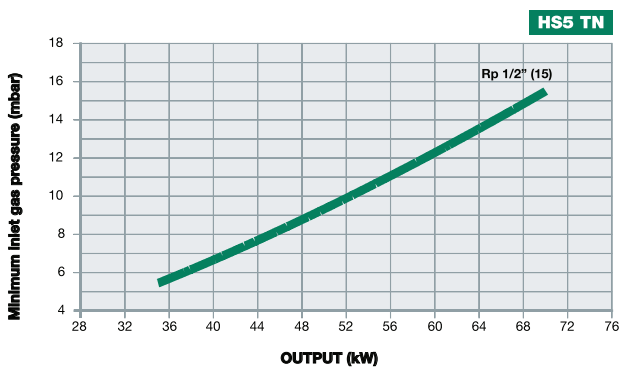
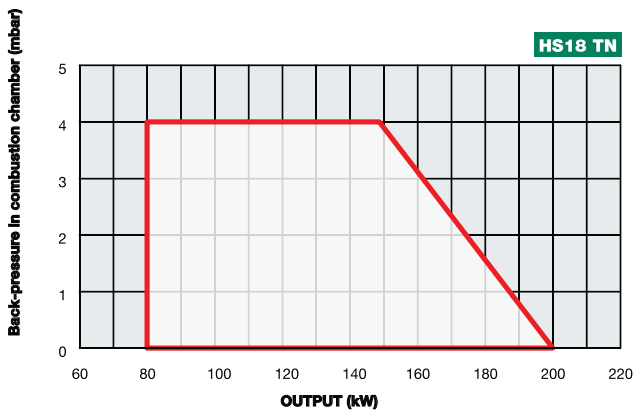
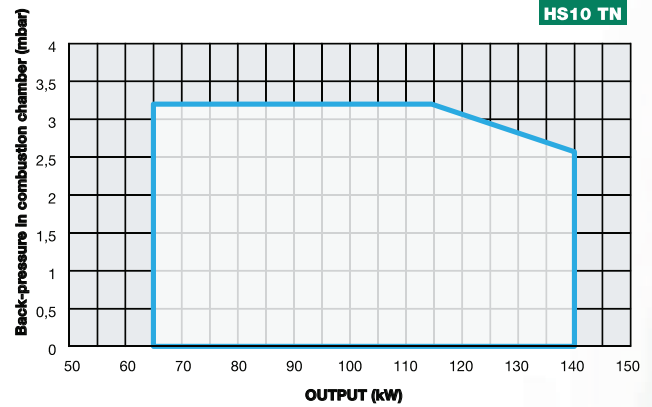
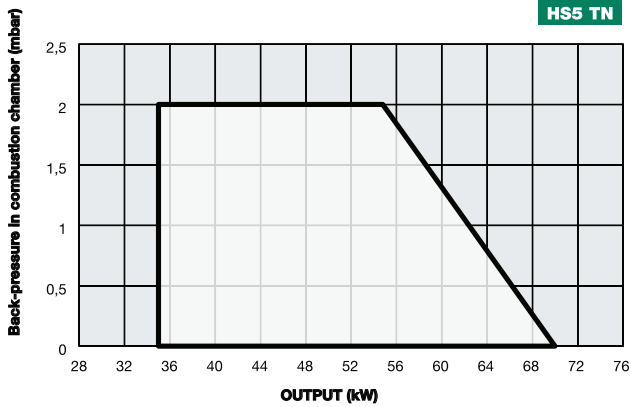
GAS/LIGHT OIL

Model	Gas train	Operation	HS5		HS10	
			Code	Price €	Code	Price €
MG.TN.S.IT.A.0.15	1/2"	TN	001070141		-	
MG.TN.L.IT.A.0.15	1/2"	TN	001070241		-	
MG.TN.S.IT.A.0.20	3/4"	TN	-		002070141	
MG.TN.L.IT.A.0.20	3/4"	TN	-		002070241	

Model	Gas train	Operation	HS18	
			Code	Price €
MG.TN.S.IT.A.0.25	1"	TN	002070341	
MG.TN.L.IT.A.0.25	1"	TN	002070441	

In compliance with DIRECTIVE 2009/142/CE

In compliance with DIRECTIVE E.M.C. 2004/108/CE and DIRECTIVE B.T. 2006/95/CE



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.