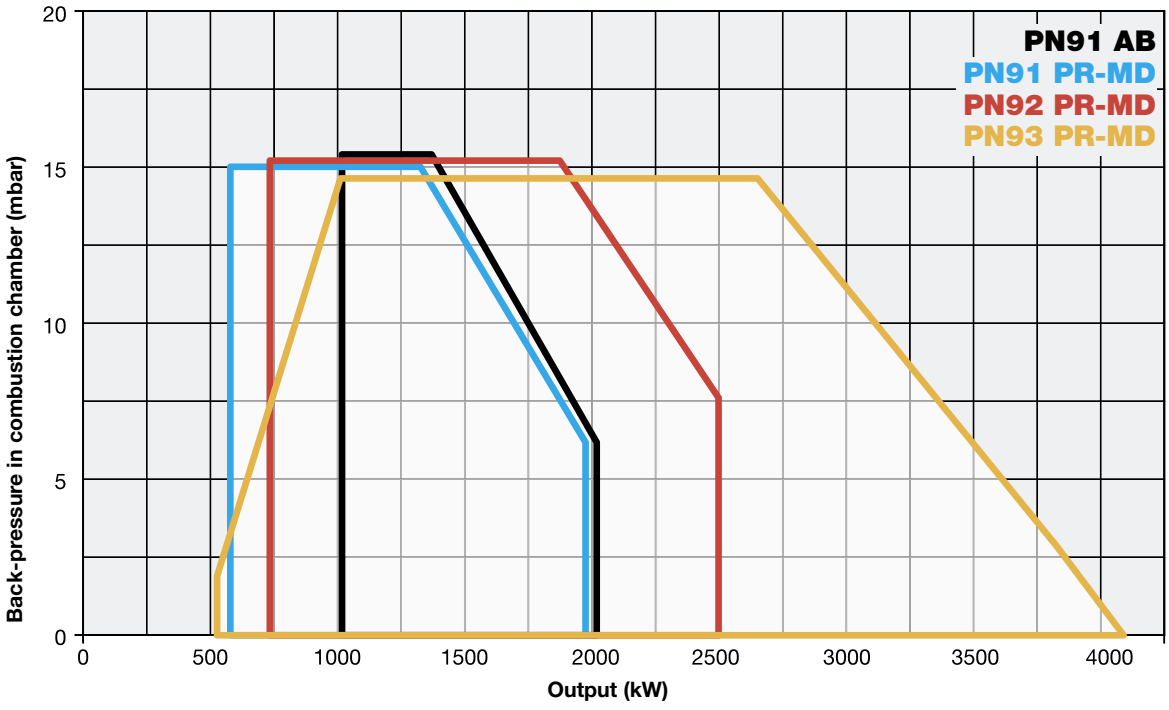
novanta SERIES PN91 PN92 PN93

MECHANICAL ATOMIZATION
with viscosity up to 400 cSt at 50°C (50°E at 50°C)

These aluminium monoblock industrial burners with integral fan are available for oils with viscosity up to 50 cSt at 50°C (7°E at 50°C). Upon request we can also supply a model for heavy oils up to 400 cSt at 50°C (50°E at 50°C).
Given the particular viscosity of the fuel and the necessity to keep the oil fluid, the burner uses a preheating system provided with a much lower thermal load electrical element in order to avoid carbon deposits.
The maintenance is always easy given that the components – for example the solenoid valve group - are mounted on a specific bracket which can be easily removed.

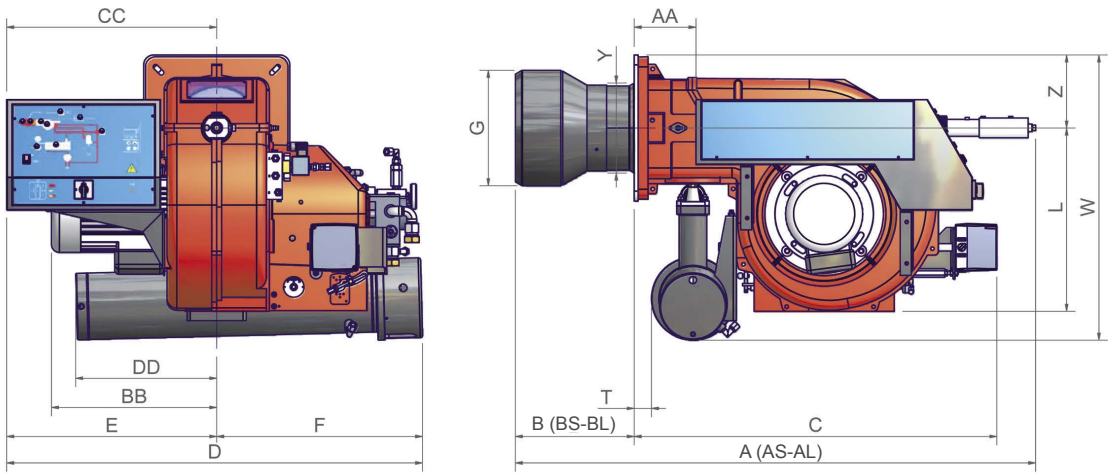


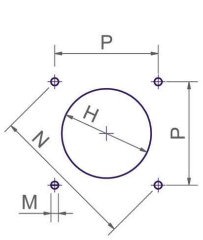
PN91 PN92 PN93 novanta SERIES

MECHANICAL ATOMIZATION
with viscosity up to 400 cSt at 50°C (50°E at 50°C)

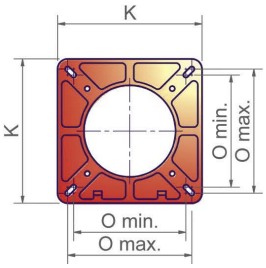
TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor	Pump motor	Resistor
		min.	max.			kW	kW	kW
PN91	x-.AB.x.xx.A	1.047	2.093	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	4,0	-	12
PN91	x-.xx.x.xx.A	698	2.093	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	4,0	-	18
PN92	x-.xx.x.xx.A	849	2.558	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	5,5	-	18
PN93	x-.xx.x.xx.A	550	4.100	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	7,5	-	24





Suggested boiler drilling



Burner flange

Type	Packaging dimensions (mm)			
	l	p	h	kg
PN91/92/93	1.730	1.280	1.020	290

Approximate values

Type	Model	Overall dimensions (mm)																								
		AA	AS	AL	BB	BS	BL	C	CC	D	DD	E	F	G	H	K	L	M	N	O		P	T	W	Y	Z
																				min.	max.					
PN91	x-.xx.x.xx.A	157	1315	1505	419	298	488	918	532	1119	356	532	589	262	292	360	464	M12	424	280	310	300	45	722	228	185
PN92	x-.xx.x.xx.A	157	1318	1508	419	301	491	918	532	1119	356	532	589	292	322	360	464	M12	424	280	310	300	45	722	228	185
PN93	x-.xx.x.xx.A	157	1318	1508	460	301	491	918	532	1119	356	532	589	292	322	360	464	M12	424	280	310	300	45	722	228	185

Approximate values

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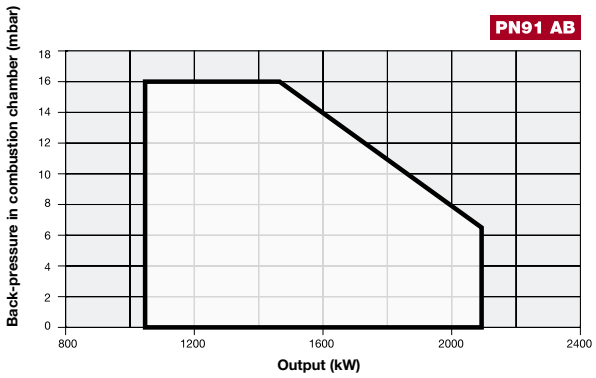
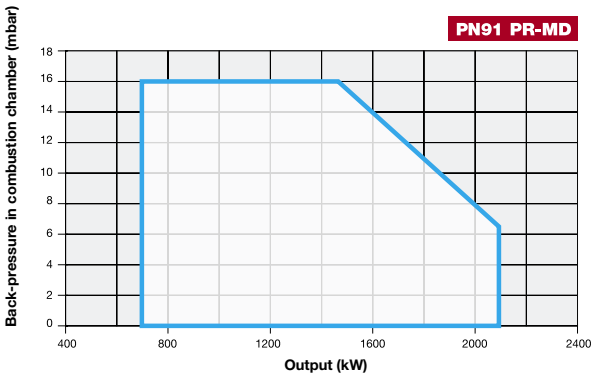
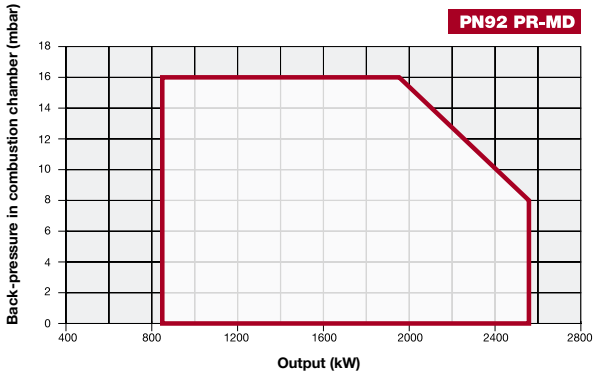
PN91 AB



PN91 PR-MD



PN92 PR-MD



PN93 PR-MD