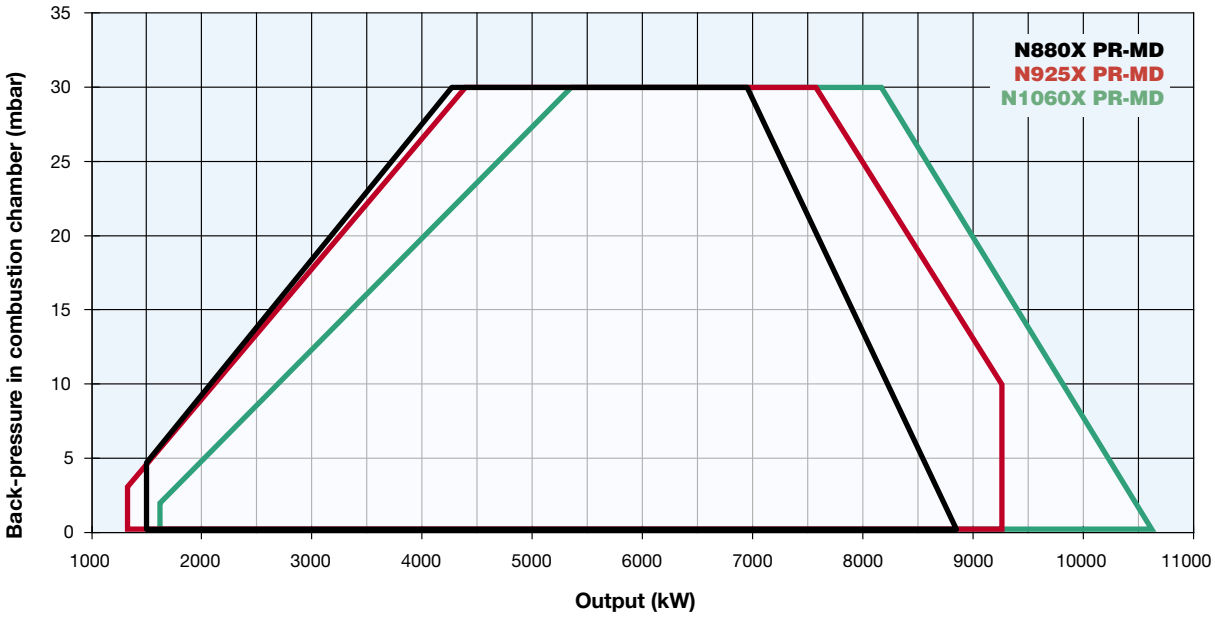
mille SERIES N880X N925X N1060X

GAS/LIGHT OIL

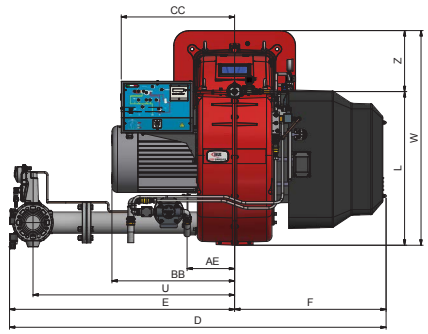
The new N type MILLE series **Low NO_x** burners (gas side < 80 mg/kWh Class 3 EN676), made in aluminum housing with a backward curved centrifugal impeller is studied and developed to get high performance and efficiency combined with low emissions.
In this manner this series can burn the two flues separately. This is possible because these burners are equipped with an independent electric motor for the activation of the oil pump. As a consequence, during gas firing the oil pump motor does not operate and remains off.
These burners are equipped with a high performance combustion head, designed to achieve a high irradiating flame when they run on natural gas. Instead, when they run on light oil, they are equipped with a by-pass nozzle which, using a pressure regulator, can reach a modulating ratio of 1:3.
Therefore, the burners are provided with an UV photocell to control the flame during the operation.

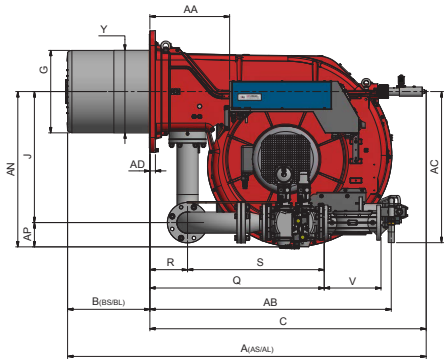


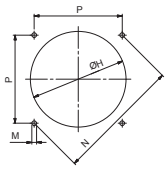
TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor	Pump motor	Gas connections	Noise level
		min.	max.			kW	kW		dBA
N880X	MG.xx.xR.xx.A.1.xxx	1.500	8.800	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	18,5	3,0	DN80 - DN100 - DN125	< 82,2
N925X	MG.xx.xR.xx.A.1.xxx	1.300	9.250	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	22,0	3,0	DN80 - DN100 - DN125	< 85,6
N1060X	MG.xx.xR.xx.A.1.xxx	1.550	10.600	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	30,0	4,0	DN80 - DN100 - DN125	< 85,6

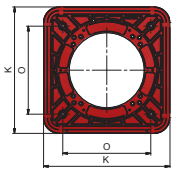
For the configuration of the gas train, see page 112-113.







Suggested boiler drilling



Burner flange

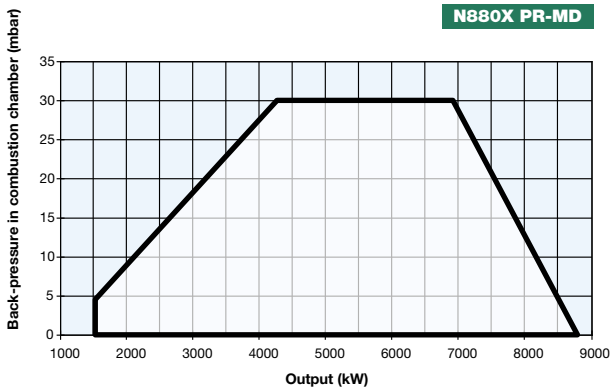
Type	Packaging dimensions (mm)			
	l	p	h	kg
N880X	2300	1720	1410	700
N925X	2300	1720	1410	700
N1060X	2300	1720	1410	700

Approximate values

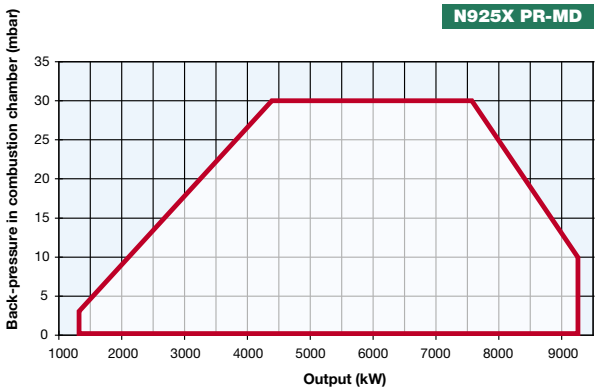
Type	Model	Overall dimensions (mm)																																		
		AS	AL	AA	AB	AC	AD	AE	AN	AP	BS	BL	BB	C	CC	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	U	V	W	Y	Z
N880X	MG.xx.xR.xx.A.1.80	1850	1950	384	1307	720	35	257	841	132	445	545	648	1345	684	1842	1219	623	446	496	709	660	831	M16	651	460	460	944	204	740	1092	310	1161	399	330
N880X	MG.xx.xR.xx.A.1.100	1850	1950	384	1307	720	35	257	854	145	445	545	664	1345	684	1858	1235	623	446	496	709	660	831	M16	651	460	460	848	204	644	1092	350	1161	399	330
N880X	MG.xx.xR.xx.A.1.125	1850	1950	384	1307	720	35	257	884	175	445	545	664	1345	684	1972	1349	623	446	496	709	660	831	M16	651	460	460	958	204	754	1192	478	1161	399	330
N925X	MG.xx.xR.xx.A.1.80	1850	1950	384	1307	720	35	257	841	132	445	545	664	1345	684	1842	1219	623	446	496	709	660	831	M16	651	460	460	944	204	740	1092	310	1161	399	330
N925X	MG.xx.xR.xx.A.1.100	1850	1950	384	1307	720	35	257	854	145	445	545	664	1345	684	1858	1235	623	446	496	709	660	831	M16	651	460	460	848	204	644	1092	350	1161	399	330
N925X	MG.xx.xR.xx.A.1.125	1850	1950	384	1307	720	35	257	884	175	445	545	664	1345	684	1972	1349	623	446	496	709	660	831	M16	651	460	460	958	204	754	1192	478	1161	399	330
N1060X	MG.xx.xR.xx.A.1.80	1850	1950	384	1307	720	35	257	841	132	445	545	664	1345	684	1842	1219	623	489	539	709	660	831	M16	651	460	460	944	204	740	1092	310	1161	399	330
N1060X	MG.xx.xR.xx.A.1.100	1850	1950	384	1307	720	35	257	854	145	445	545	664	1345	684	1858	1235	623	489	539	709	660	831	M16	651	460	460	848	204	644	1092	350	1161	399	330
N1060X	MG.xx.xR.xx.A.1.125	1850	1950	384	1307	720	35	257	884	175	445	545	664	1345	684	1972	1349	623	489	539	709	660	831	M16	651	460	460	958	204	754	1192	478	1161	399	330

Approximate values

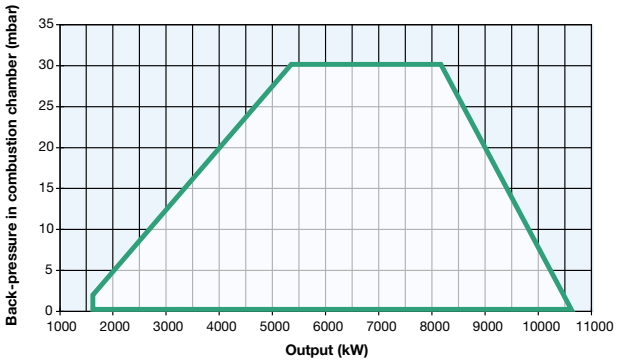
N880X PR-MD



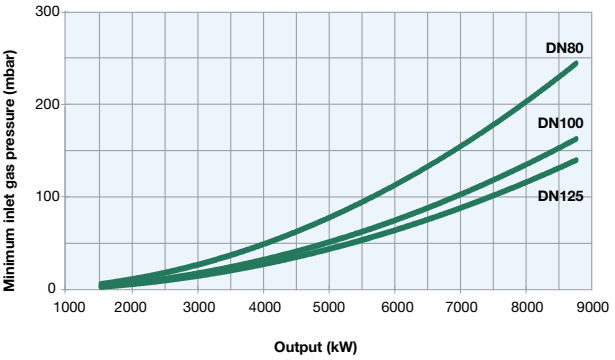
N925X PR-MD



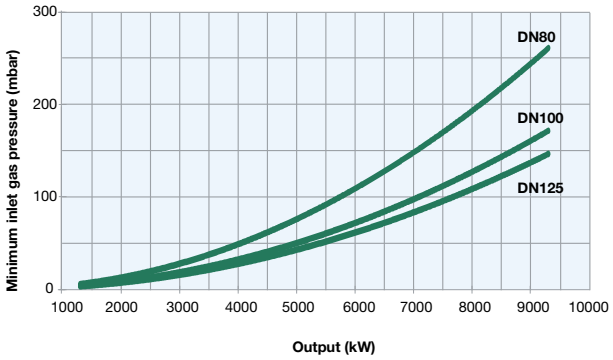
N1060X PR-MD



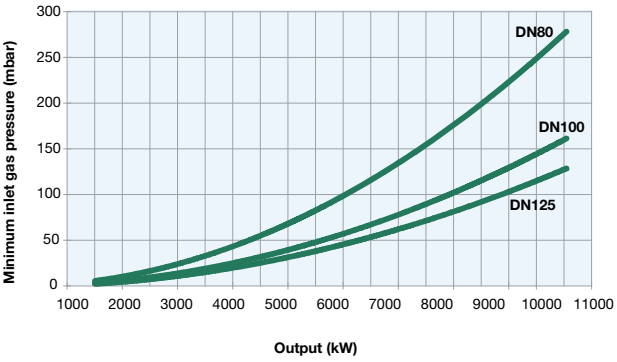
N880X PR-MD



N925X PR-MD



N1060X 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.