NEW

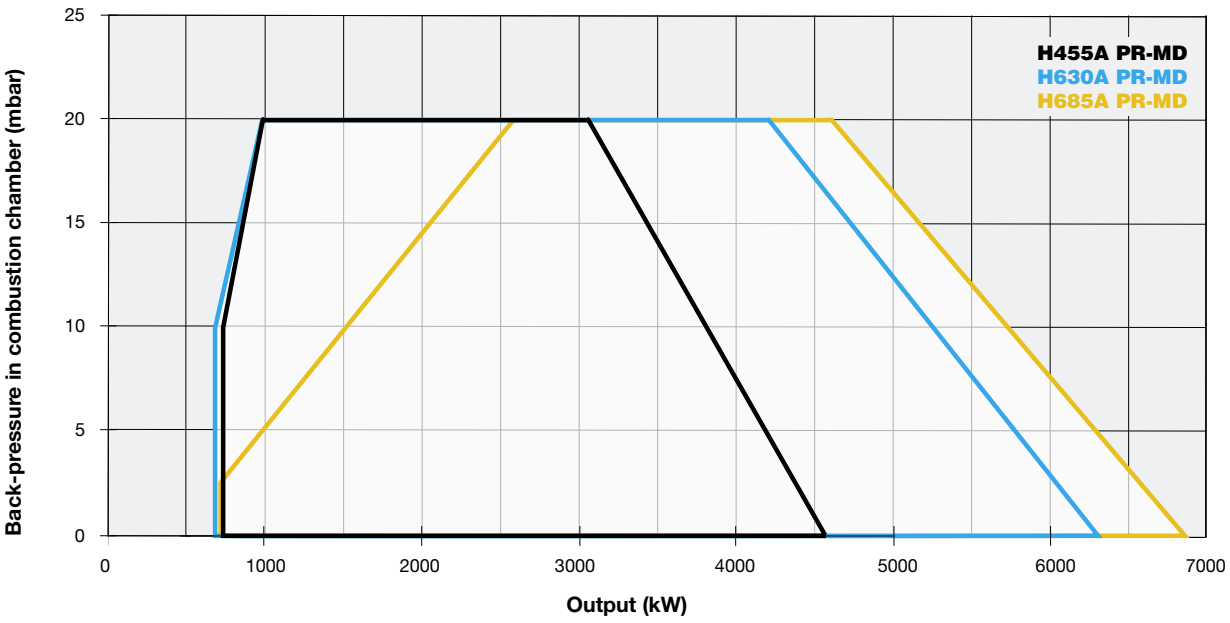
GAS

CIB UNIGAS >80 <120 mg/kWh CLASS 2 Low NOx

H455A H630A H685A cinquecento SERIES

The new standard H type CINQUECENTO series **Low NO_x burners Class 2 (< 120 mg/kWh)**, made in aluminum housing with a backward curved centrifugal impeller is studied and developed to get high performance and efficiency combined with low emissions.
This series with a maximum power of 6850 kW, is in this selection of product that is particularly competitive.
The user-friendly application and maintenance are the strengths of these burners.

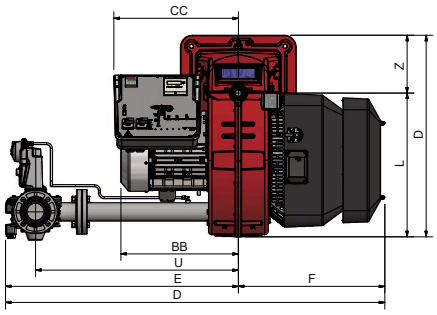


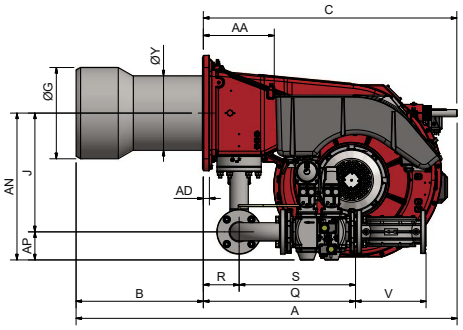


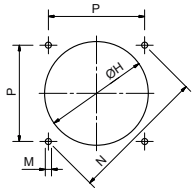
TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor	Gas connections	Noise level
		min.	max.			kW	Rp	dBA
H455A	M-.xx.SR.xx.A.1.xxx	750	4.550	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	7,5	2" - DN65 - DN80 - DN100	< 85
H630A	M-.xx.SR.xx.A.1.xxx	700	6.300	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	9,2	2" - DN65 - DN80 - DN100	< 85
H685A	M-.xx.SR.xx.A.1.xxx	740	6.850	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	9,2	2" - DN65 - DN80 - DN100	< 85

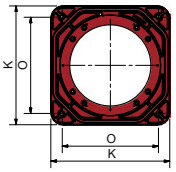
For the configuration of the gas train, see page 112-113.







Suggested boiler drilling



Burner flange

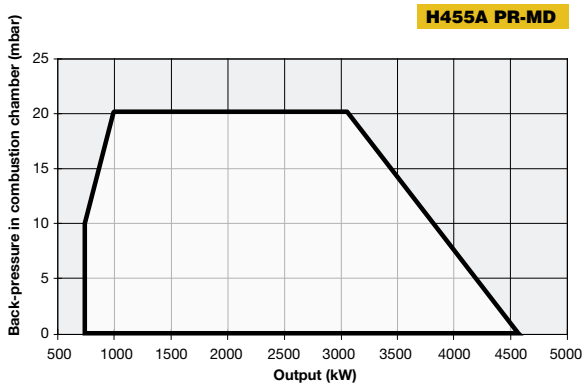
Type	Packaging dimensions (mm)			
	l	p	h	kg
H455A	1890	1290	1220	378
H630A	1890	1290	1220	380
H685A	1890	1290	1220	385

Approximate values (regarding model with gas train DN80)

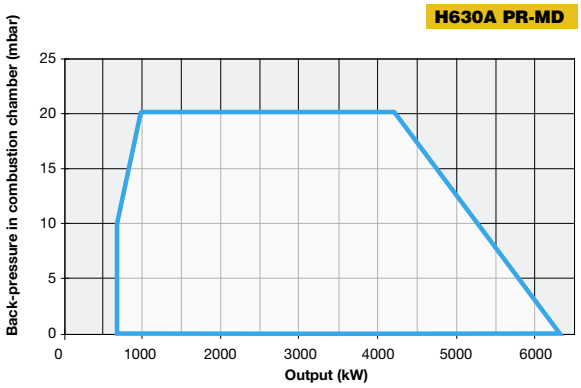
Type	Model	Overall dimensions (mm)																													
		A	AA	AD	AN	AP	B	BB	C	CC	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	U	V	W	Y	Z
H455A	M-.xx.SR.xx.A.1.50	1712	295	25	595	100	495	471	1217	511	1554	946	608	304	350	494	540	586	M14	552	390	390	764	150	613	845	190	856	288	270
H455A	M-.xx.SR.xx.A.1.65	1712	295	25	611	117	495	471	1217	511	1577	969	608	304	350	494	540	586	M14	552	390	390	634	150	484	845	294	856	288	270
H455A	M-.xx.SR.xx.A.1.80	1712	295	25	626	132	495	471	1217	511	1610	1002	608	304	350	494	540	586	M14	552	390	390	686	150	535	875	313	856	288	270
H455A	M-.xx.SR.xx.A.1.100	1712	295	25	639	145	495	471	1217	511	1690	1082	608	304	350	494	540	586	M14	552	390	390	791	150	642	942	353	856	288	270
H630A	M-.xx.SR.xx.A.1.50	1747	295	25	595	100	530	488	1217	511	1554	946	608	340	380	494	540	586	M14	552	390	390	764	150	613	845	190	856	284	270
H630A	M-.xx.SR.xx.A.1.65	1747	295	25	611	117	530	488	1217	511	1577	969	608	340	380	494	540	586	M14	552	390	390	634	150	484	845	294	856	284	270
H630A	M-.xx.SR.xx.A.1.80	1747	295	25	626	132	530	488	1217	511	1610	1002	608	340	380	494	540	586	M14	552	390	390	686	150	535	875	313	856	284	270
H630A	M-.xx.SR.xx.A.1.100	1747	295	25	639	145	530	488	1217	511	1690	1082	608	340	380	494	540	586	M14	552	390	390	791	150	642	942	353	856	284	270
H685A	M-.xx.SR.xx.A.1.50	1747	295	25	595	100	530	488	1217	511	1554	946	608	380	430	494	540	586	M14	552	390	390	764	150	613	845	190	856	328	270
H685A	M-.xx.SR.xx.A.1.65	1747	295	25	611	117	530	488	1217	511	1577	969	608	380	430	494	540	586	M14	552	390	390	634	150	484	845	294	856	328	270
H685A	M-.xx.SR.xx.A.1.80	1747	295	25	626	132	530	488	1217	511	1610	1002	608	380	430	494	540	586	M14	552	390	390	686	150	535	875	313	856	328	270
H685A	M-.xx.SR.xx.A.1.100	1747	295	25	639	145	530	488	1217	511	1690	1082	608	380	430	494	540	586	M14	552	390	390	791	150	642	942	353	856	328	270

Approximate values

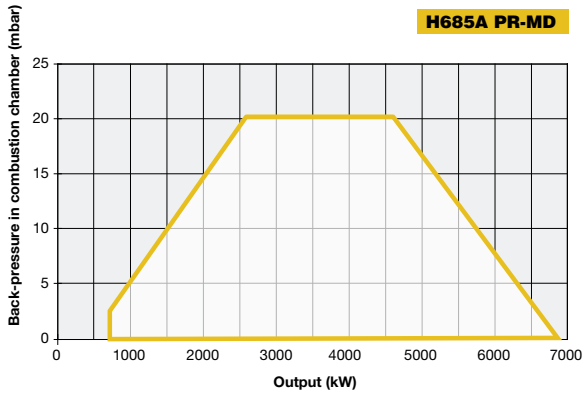
H455A PR-MD



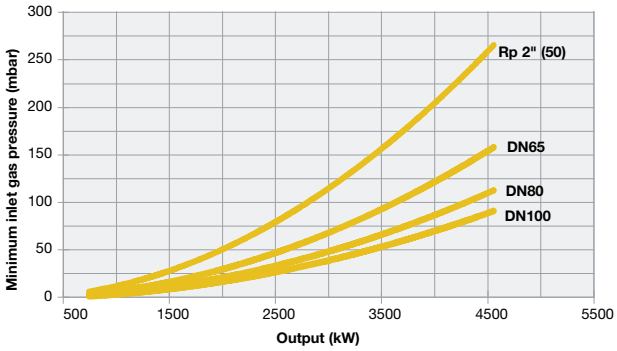
H630A PR-MD



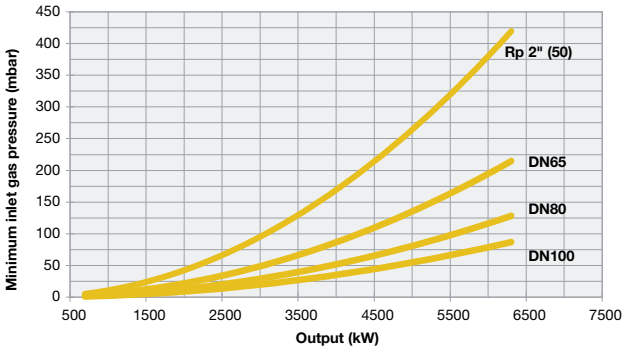
H685A PR-MD



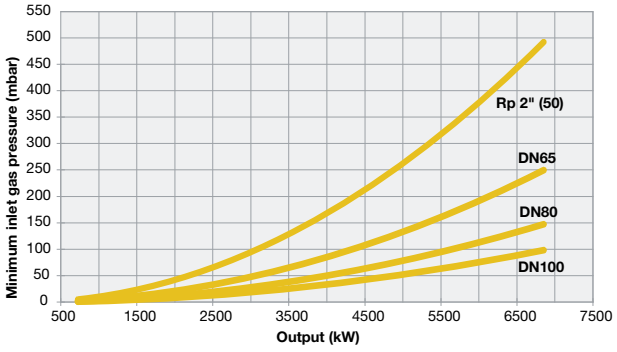
H455A PR-MD



H630A PR-MD



H685A 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.