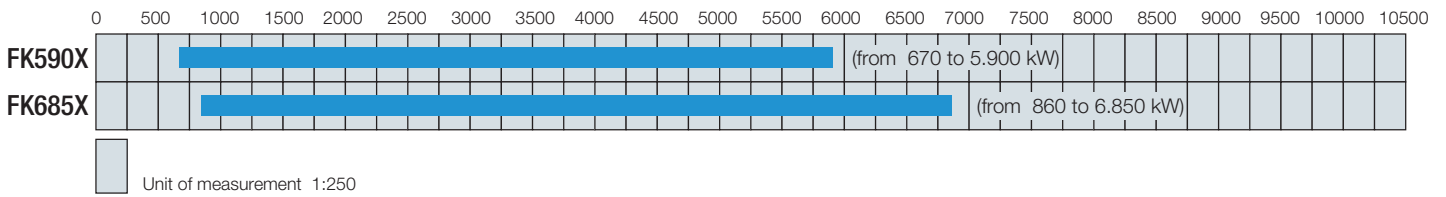


FACILE series FK590X FK685X



SMART BURNER - new generation
 Low NO_x gas burner - Class 3 EN676



AUTOMATIC COMMISSIONING
 IN JUST A FEW MINUTES



ADAPTS THE BURNER TO
 ALL HEAT GENERATORS
 AND PROCESS



AUTOMATICALLY ADJUSTS
 ENVIRONMENTAL VALUES



CONSTANT AND COMPLETE
 MONITORING ON VARIOUS LEVELS



GUARANTEES REGULATORY
 COMPLIANCE



ECONOMICALLY SUSTAINABLE,
 RETURN ON INVESTMENT IN THE
 SHORT-TO-MEDIUM TERM

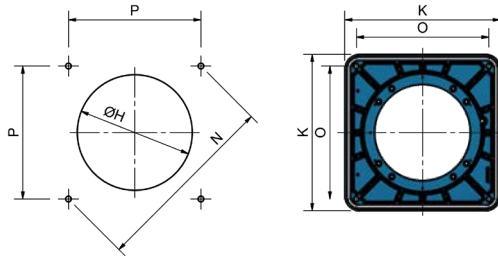
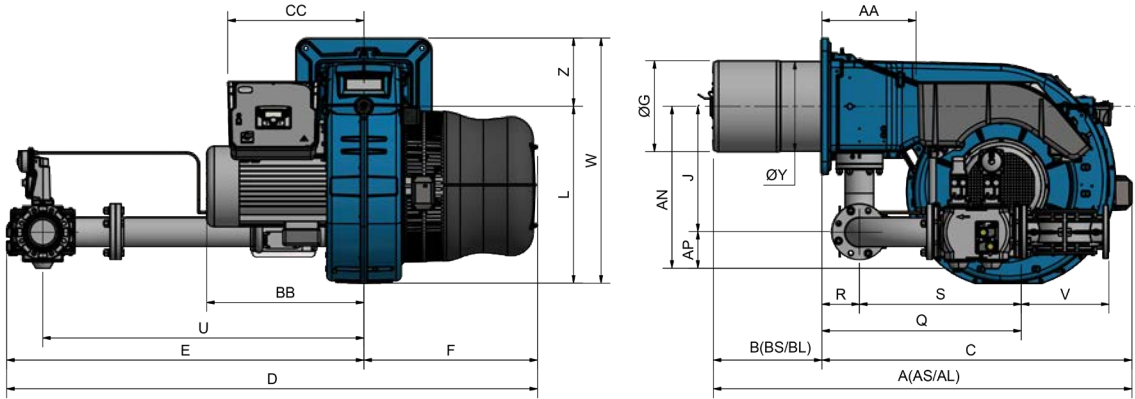
CIB UNIGAS
 The Smart Combustion



Burner with emissions
 below 80 mg kWh

TECHNICAL CHARACTERISTICS

Model		Power kW		Electrical power supply	Fan motor kW	Gas fittings	Noise level d BA
		min.	max.				
FK590X	M-.xx.xR.IT.A.1.xxx	670	5.900	230/400 V 3N ac	15	DN65 - DN80 - DN100 - DN125	< 85
FK685X	M-.xx.xR.IT.A.1.xxx	860	6.850	230/400 V 3N ac	15	DN65 - DN80 - DN100 - DN125	< 85



Recommended boiler hole

Burner flange

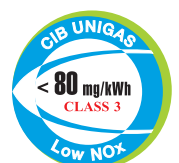
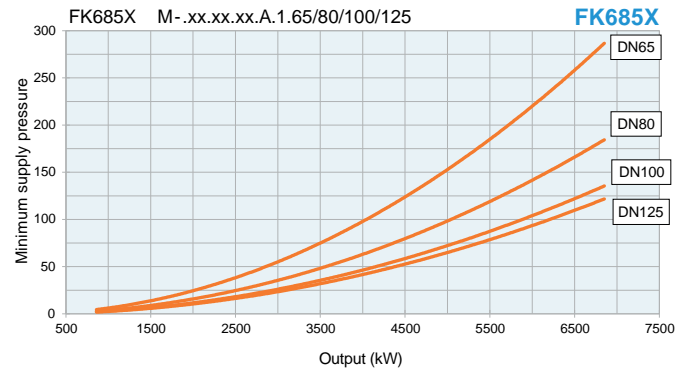
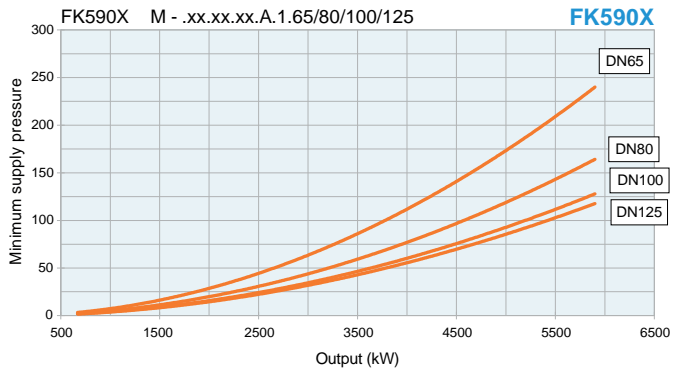
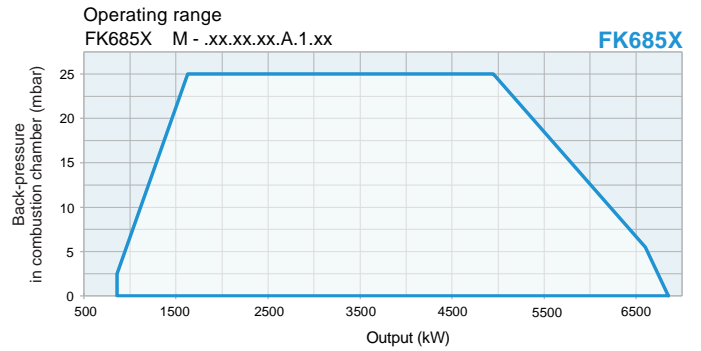
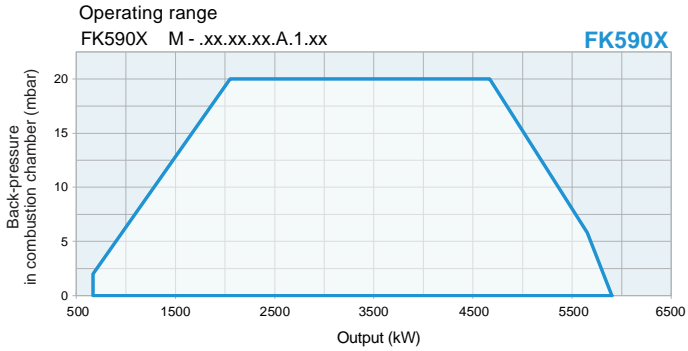
Model	Dimensions of packaging (mm)			
	l	p	h	kg
FK590X	2.180	1.540	1.220	-
FK685X	2.180	1.540	1.220	-

Indicative values

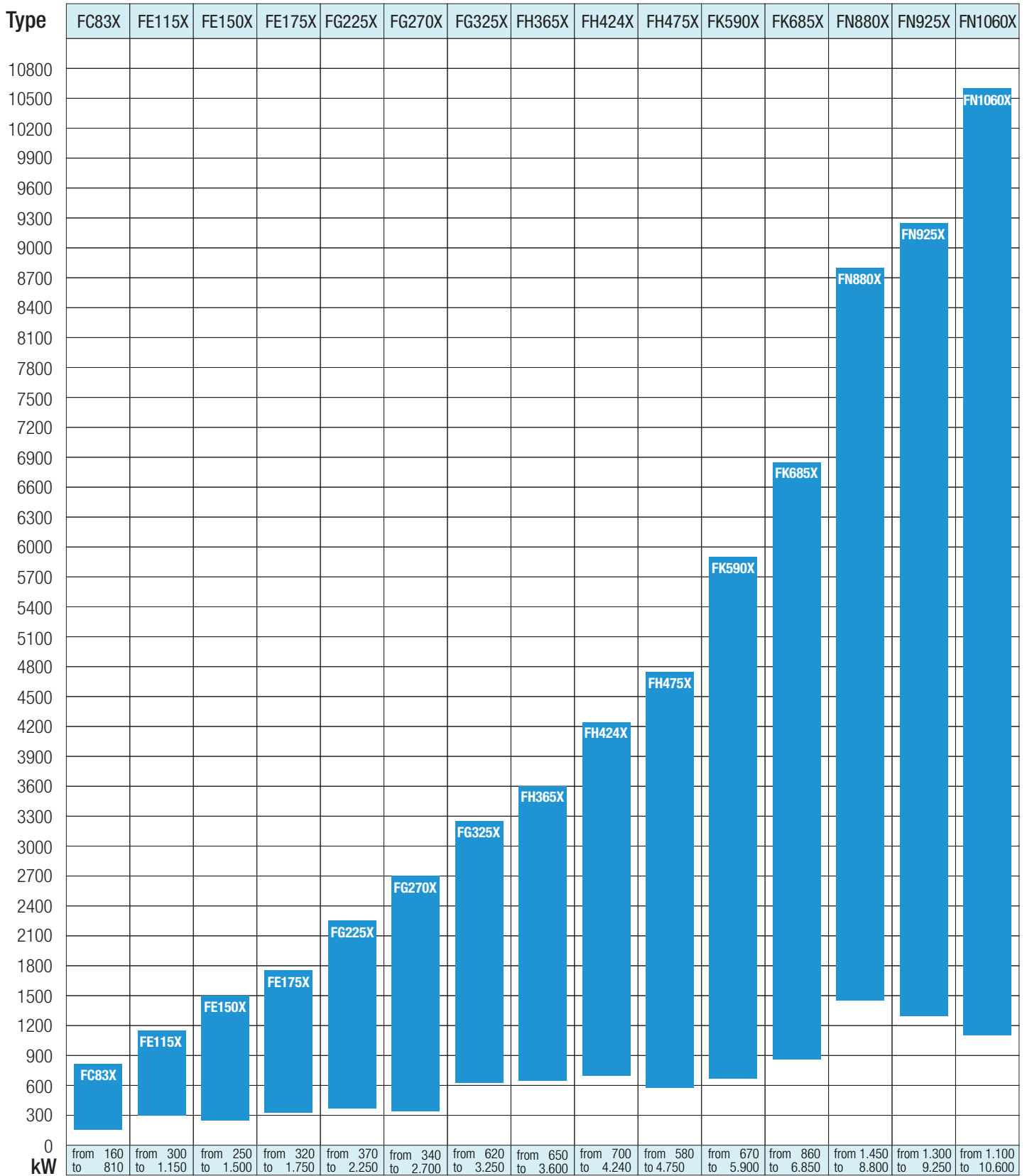
Model	Overall dimensions (mm)																													
	AA	AS	AL	BB	BS	BL	C	CC	D	E	F	G	H	J	K	L	M	N	O		P	Q	R	S	U	V	W	Y	Z	
																			min. max.											
FK590X	M-.xx.xR.IT.A.1.65	366	1660	1760	626	430	530	1230	540	2087	1398	689	360	400	490	540	700	M16	651	460	460	460	869	150	720	1273	294	970	356	270
FK590X	M-.xx.xR.IT.A.1.80	366	1660	1760	626	430	530	1230	540	2089	1400	689	360	400	490	540	700	M16	651	460	460	460	869	150	740	1273	313	970	356	270
FK590X	M-.xx.xR.IT.A.1.100	366	1660	1760	626	430	530	1230	540	2104	1415	689	360	400	490	540	700	M16	651	460	460	460	794	150	645	1273	353	970	356	270
FK590X	M-.xx.xR.IT.A.1.125	366	1660	1760	626	430	530	1230	540	2120	1430	689	360	400	490	540	700	M16	651	460	460	460	1009	150	860	1273	479	970	356	270
FK685X	M-.xx.xR.IT.A.1.65	366	1660	1760	626	430	530	1230	540	2087	1398	689	419	470	490	540	700	M16	651	460	460	460	869	150	720	1273	294	970	336	270
FK685X	M-.xx.xR.IT.A.1.80	366	1660	1760	626	430	530	1230	540	2089	1400	689	419	470	490	540	700	M16	651	460	460	460	869	150	740	1273	313	970	336	270
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FK685X	M-.xx.xR.IT.A.1.125	366	1660	1760	626	430	530	1230	540	2120	1430	689	419	470	490	540	700	M16	651	460	460	460	1009	150	860	1273	479	970	336	270

Indicative values

FACILE series FK590X FK685X

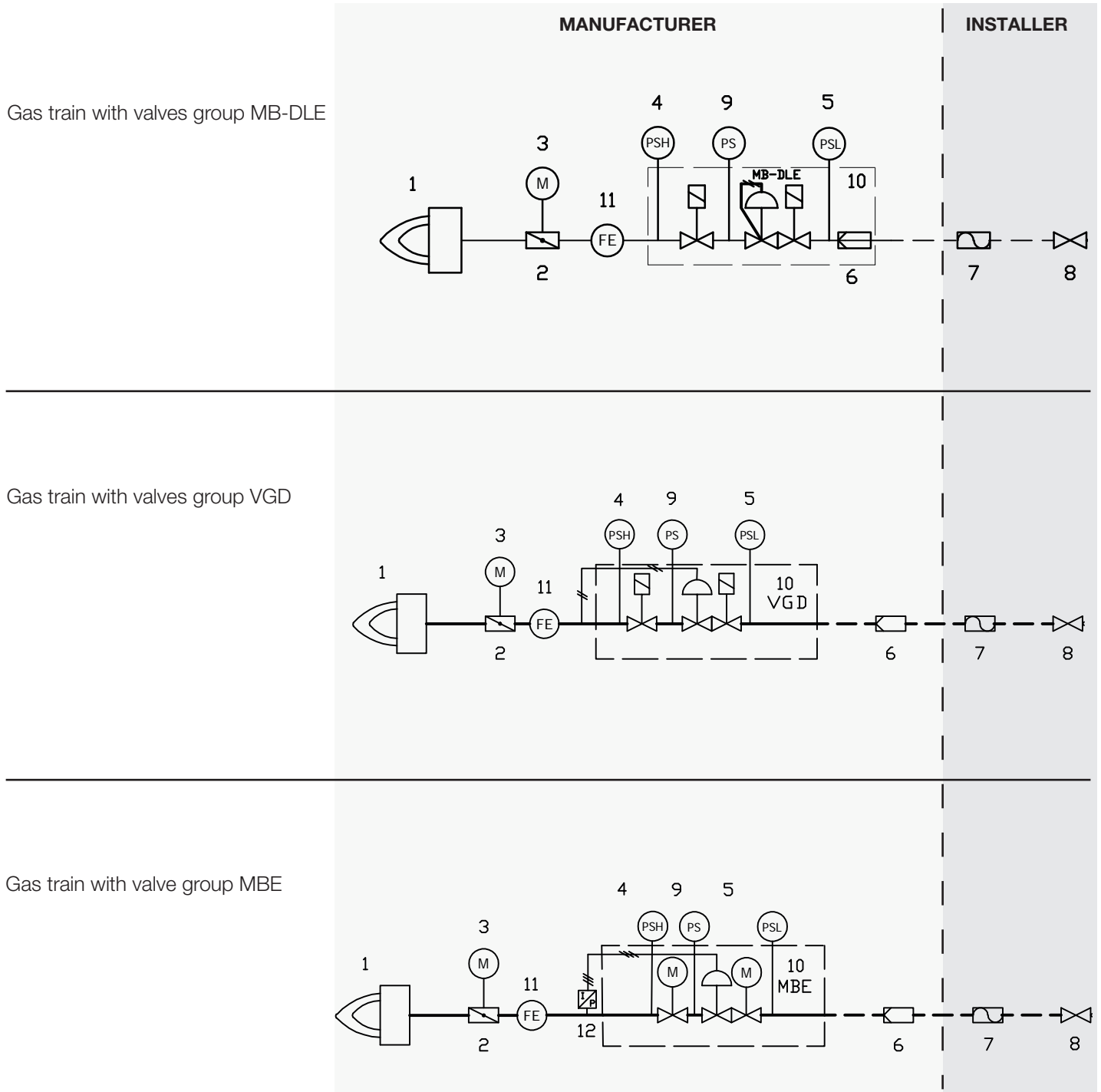


LOW NO_x GAS BURNER RANGE



Unit of measurement 1:300














LEGEND

- | | |
|--|------------------------------------|
| 1 Burner | 7 Anti-vibration joint |
| 2 Butterfly valve | 8 Manual gas shut-off valve |
| 3 Servocontrol | 9 Leak control gas pressure switch |
| 4 Maximum gas pressure switch (optional) | 10 Valve group |
| 5 Minimum gas pressure switch | 11 Flow sensor |
| 6 Gas filter | 12 MBE valves pressure sensor |

FACILE SERIES BURNERS LEGEND

TYPE FC FE FG FH FK FN	
MODEL A - STANDARD P - PREMIXED X - LOW NO _x	

A.M- . MD . SR . IT. A . 1. 50 . FA

FUEL M - NATURAL GAS L - LPG									
OPERATION MD - MODULATING									
COMBUSTION HEAD AND AIR INLET SR - STANDARD COMBUSTION HEAD WITH SILENCER LR - LONG COMBUSTION HEAD WITH SILENCER									
COUNTRY OF DESTINATION IT ITALY ... OTHER DESTINATIONS ON REQUEST									
BURNER MANUFACTURE A STANDARD									
EQUIPMENT 1 2 GAS VALVES AND LEAKAGE CONTROL 8 2 GAS VALVES + LEAKAGE CONTROL AND MAXIMUM GAS PRESSURE SWITCH									
GAS CONNECTION <table border="0"> <tr> <td>32 1"¼</td> <td>65 DN65</td> </tr> <tr> <td>40 1"½</td> <td>80 DN80</td> </tr> <tr> <td>50 2"</td> <td>100 DN100</td> </tr> <tr> <td></td> <td>125 DN125</td> </tr> </table>	32 1"¼	65 DN65	40 1"½	80 DN80	50 2"	100 DN100		125 DN125	
32 1"¼	65 DN65								
40 1"½	80 DN80								
50 2"	100 DN100								
	125 DN125								
ELECTRONIC VERSION FA Electronically controlled burners FB Electronically controlled burners with inverter FC Electronically controlled burners with provision for inverter	