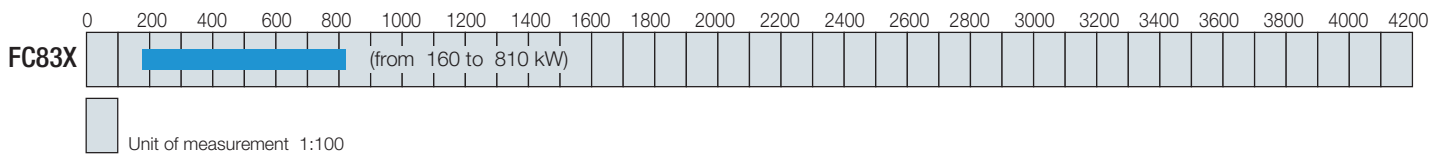
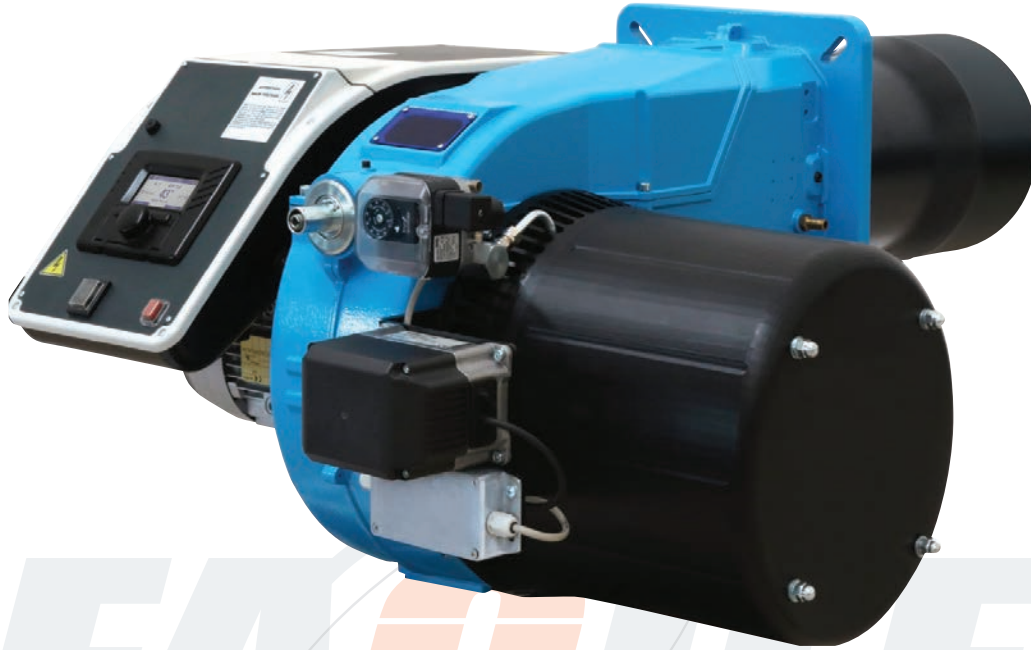


# FACILE series FC83X



SMART BURNER - new generation  
Low NO<sub>x</sub> 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

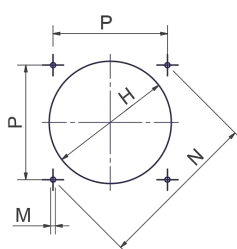
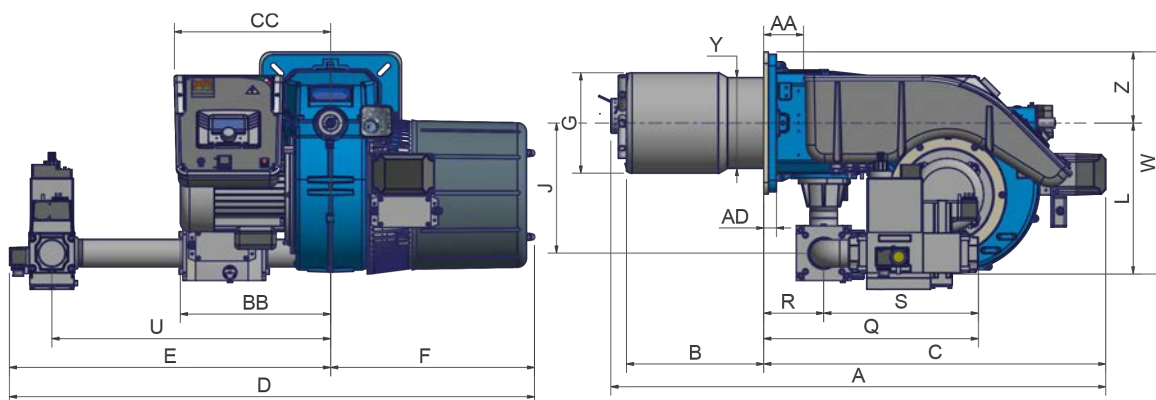
**CIB UNIGAS**  
The Smart Combustion



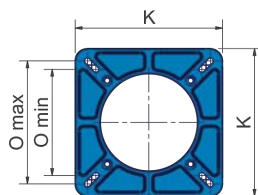
Burner with emissions  
below 80 mg kWh

## TECHNICAL CHARACTERISTICS

Model		Power kW		Electrical power supply	Fan motor kW	Gas fittings	Noise level dBA
		min.	max.				
<b>FC83X</b>	M-.xx.xR.IT.A.1.xxx	160	810	230/400 V 3N ac	1,1	1"¼ - 1"½ - 2" - DN65	< 85



Recommended boiler hole



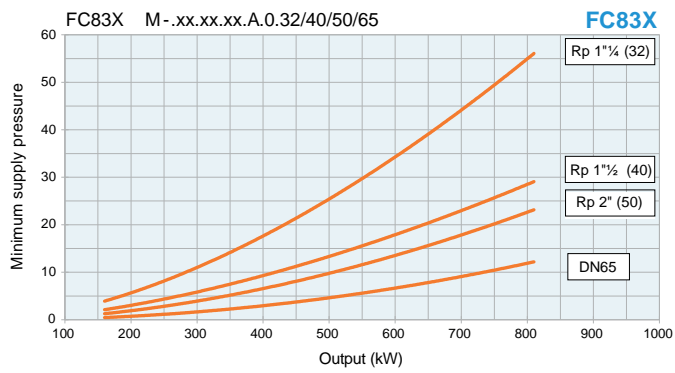
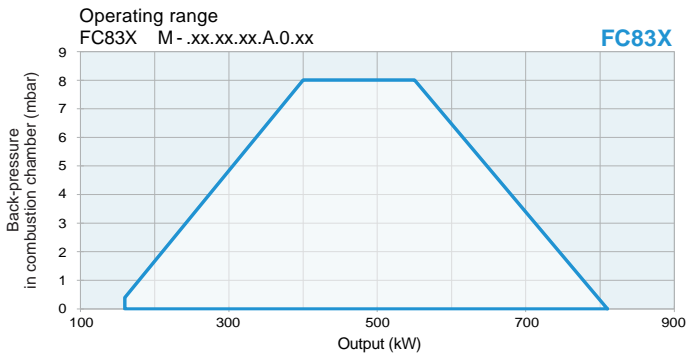
Burner flange

Model	Dimensions of packaging (mm)			
	l	p	h	kg
<b>FC83X</b>	-	-	-	-

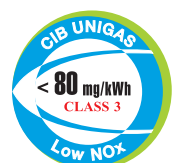
Indicative values

Model	Overall dimensions (mm)																													
	AA	AD	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.																													
<b>FC83X</b> M-.xx.xR.IT.A.1.32	87	28	1065	1215	328	300	450	730	342	1332	889	443	219	249	275	300	329	M10	330	216	250	233	575	131	444	796	-	484	198	155
<b>FC83X</b> M-.xx.xR.IT.A.1.40	87	28	1065	1215	328	300	450	730	342	1332	889	443	219	249	275	300	329	M10	330	216	250	233	610	131	479	796	-	484	198	155
<b>FC83X</b> M-.xx.xR.IT.A.1.50	87	28	1065	1215	328	300	450	730	342	1332	889	443	219	249	275	300	329	M10	330	216	250	233	610	131	479	796	-	484	198	155
<b>FC83X</b> M-.xx.xR.IT.A.1.65	87	28	1065	1215	328	300	450	730	342	1364	921	443	219	249	340	300	329	M10	330	216	250	233	525	131	394	796	292	484	198	155

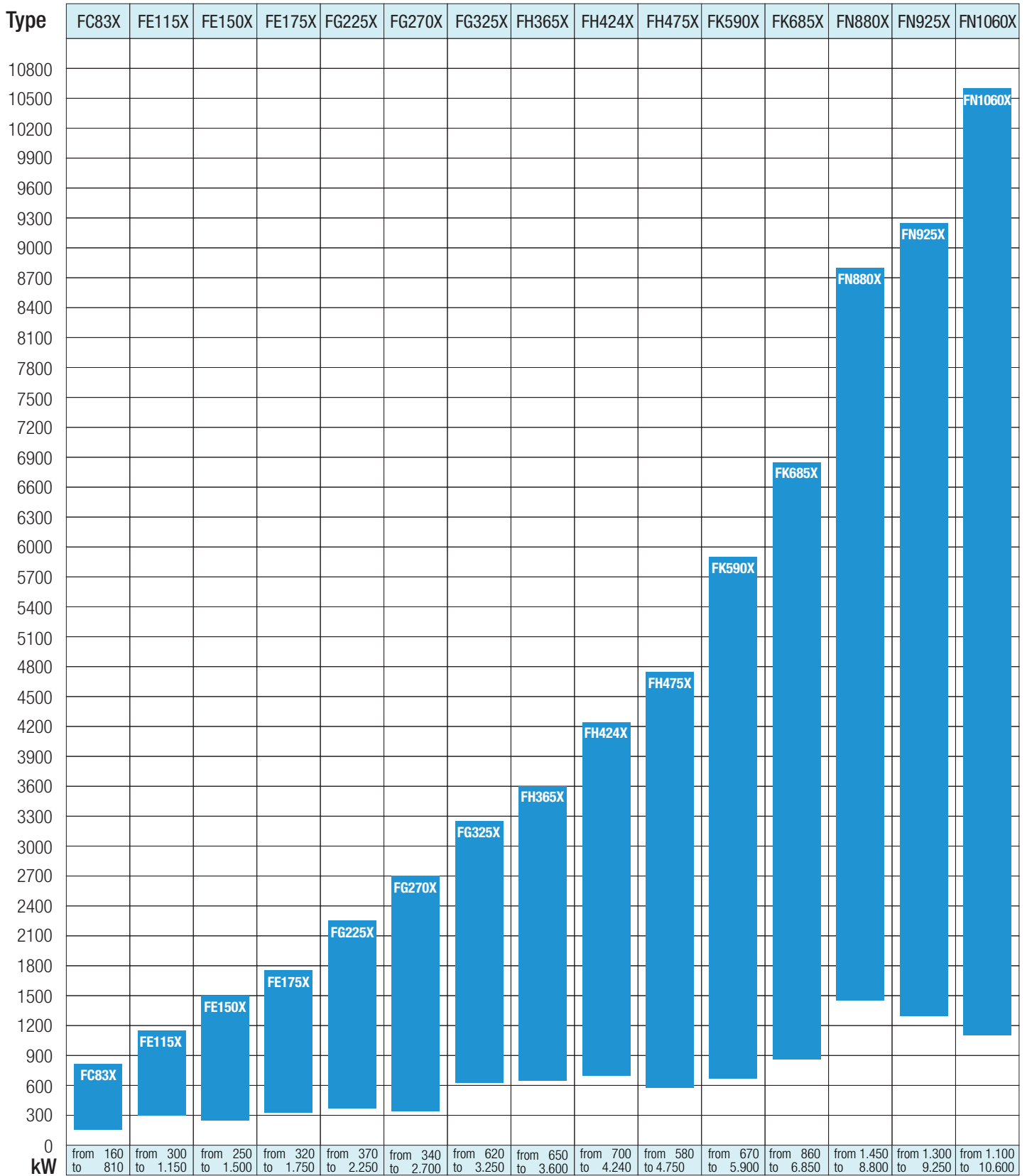
Indicative values



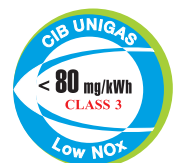
ECONOMICALLY SUSTAINABLE  
WITH A FAST RETURN ON INVESTMENT

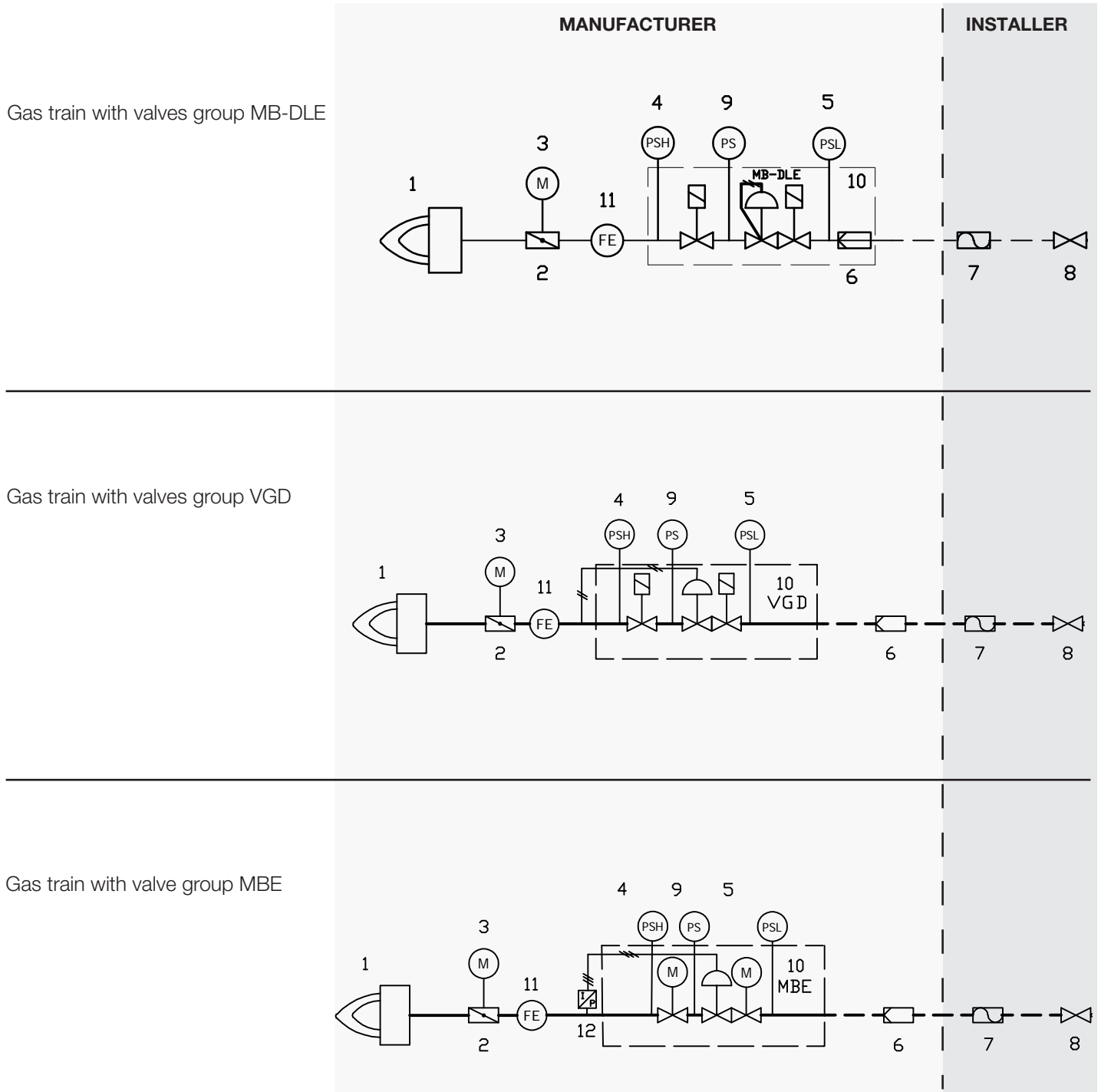


# LOW NO<sub>x</sub> GAS BURNER RANGE



Unit of measurement 1:300


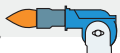











### LEGEND

- |  |                                    |
|--|------------------------------------|
| 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

<b>TYPE</b> FC FE FG FH FK FN	
<b>MODEL</b> A - STANDARD P - PREMIXED X - LOW NO <sub>x</sub>	

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

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