

TECHNICAL SUBMITTAL FOR ETHOS 110

GENERAL	
Dimensions (Height x Width x Depth)	905 x 530 x 675mm
Model	ETHOS 110
Heat Exchanger Material	Stainless Steel
Weight (Empty)	102 kg
Flow / Return Connections	1¼" BSP
Gas Connection	¾" BSP
Flue Connection	100mm
Air Supply Connection	100mm
Power Consumption	350 W
Electrical Supply	230 V
Frequency	50 Hz
Fuse Protection	6 A
HEATING PERFORMANCE	
Nominal Heat Output at 80/60°C	10.7 - 106.9 kW
Nominal Heat Output at 50/30°C	11.9 - 118.8 kW
Maximum Gas Consumption - G20	11.5 m³/hr
Maximum Gas Consumption - G31 LPG	4.5 m³/hr
TECHNICAL DATA	
Flue Temperature at 80/60°C (at ambient temperature of 20°C)	75°C
Permitted Maximum Resistance of Flue System*	200 Pa
Condensation Value	3.0 - 5.5 pH
Maximum CH Flow Temperature	90°C
CH Water Pressure (Minimum / Maximum)	0.5 - 6 bar
Minimum / Maximum Gas Pressure - G20 / G25	17 - 20 mbar
Minimum / Maximum Gas Pressure - G31 LPG	30 - 50 mbar
ENVIRONMENTAL DATA	
NO _x Levels	33 mg/kW
Maximum Efficiency (Nett Non-Condensing)	97.2%
Maximum Efficiency (Nett Condensing)	108%
Seasonal Efficiency	95.46%

* With this resistance value the heat output will remain within the specifications indicated on the dataplate; if the resistance is higher, the heat output will be reduced.