

TECHNICAL SUBMITTAL FOR ETHOS 70

GENERAL	
Dimensions (Height x Width x Depth)	905 x 530 x 475mm
Model	ETHOS 70
Heat Exchanger Material	Stainless Steel
Weight (Empty)	67 kg
Flow / Return Connections	¾" BSP
Gas Connection	¾" BSP
Flue Connection	80mm
Air Supply Connection	80mm
Power Consumption	350 W
Electrical Supply	230 V
Frequency	50 Hz
Fuse Protection	6 A
HEATING PERFORMANCE	
Nominal Heat Output at 80/60°C	6.8 - 68.4 kW
Nominal Heat Output at 50/30°C	7.7 - 76.8 kW
Maximum Gas Consumption - G20	7.4 m³/hr
Maximum Gas Consumption - G31 LPG	2.9 m³/hr
TECHNICAL DATA	
Flue Temperature at 80/60°C (at ambient temperature of 20°C)	75°C
Permitted Maximum Resistance of Flue System*	140 Pa
Condensation Value	3.0 - 5.5 pH
Maximum CH Flow Temperature	90°C
CH Water Pressure (Minimum / Maximum)	0.5 - 4 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)	97.7%
Maximum Efficiency (Nett Condensing)	109.7%
Seasonal Efficiency	96.79%

* 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.