TECHNICAL SUBMITTAL FOR ETHOS FS 350

GENERAL	
Dimensions (Height x Width x Depth)[1]	1300 x 750 x 1100mm
Model	**ETHOS 350**
Heat Exchanger Material	Stainless Steel
Water Content of Appliance	25 Litre
Weight (Empty)	234 kg
Flow / Return Connections	DN50 PN16 Flange
Gas Connection	1½" BSP
Flue Connection	150mm
Power Consumption	520 W
Electrical Supply	230 V
Frequency	50 Hz
Fuse Protection	10 A
HEATING PERFORMANCE	
Nominal Heat Input (Nett)	17.5 - 350 kW
Nominal Heat Output at 80/60°C	17.2 - 343 kW
Nominal Heat Output at 50/30°C	18.9 - 378 kW
Maximum Gas Consumption - G20	35.5 m^3/hr
Maximum Gas Consumption - G31 LPG	13.6 m^3/hr
TECHNICAL DATA	
Flue Temperature at 80/60°C (at ambient temperature of 20°C)	75°C
Permitted Maximum Resistance of Flue System[2]	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	31 mg/kW
Maximum Efficiency (Nett Non-Condensing)	98.1%
Maximum Efficiency (Nett Condensing)	108.9%
Seasonal Efficiency	95.6%

[1] Depth dimensions are taken from the front to the rear of the casing and do not include the external pipework. Height dimension are taken from the bottom of the boiler and do not include the height of the supplied adjustable feet.

[2] 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.

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