

ETHOS RS 550 | FLOOR STANDING ROOM SEALED CONDENSING BOILER

GENERAL		
Dimensions (Height x Width x Depth) ^[1]	1300 x 750 x 1500mm	
Heat Exchanger Material	Stainless Steel	
Water Content of Appliance	30 L	
Weight (Empty)	370 kg	
Flow / Return Connections	DN65 PN16 Flange	
Gas Connection	1½" BSP	
Flue Connection	180mm	
Air Supply Connection	160mm	
Power Consumption	898 W	
Electrical Supply	230 V	
Frequency	50 Hz	
Fuse Protection	10 A	
Maximum Fan Speed	9500 RPM	
Minimum Fan Speed	1950 RPM	
HEATING PERFORMANCE		
Nominal Heat Input (Nett)	27.5 - 550 kW	
Nominal Heat Output at 80/60°C	27 - 539 kW	
Nominal Heat Output at 50/30°C	29.7 - 594 kW	
Maximum Gas Consumption	G20	56.1 m³/hr
	G25	62.1 m³/hr
	G31	20.9 m³/hr
TECHNICAL DATA		
Flue Gas Dew Point	52°C	
Flue Temperature at 80/60°C (at ambient temperature of 20°C)	75°C	
Flue Material Temperature Class	T 120	
Permitted Maximum Resistance of Flue System ^[2]	250 Pa	
Condensation pH Value	3 - 5.5 pH	
Maximum CH Flow Temperature	90°C	
CH Water Pressure (Minimum / Maximum)	0.5 - 6 bar	
Minimum / Maximum Gas Pressure	G20	17 - 20 mbar
	G25	17 - 20 mbar
	G31	30 - 50 mbar
ENVIRONMENTAL DATA		
NO _x Levels	31 mg/kW	
Maximum Efficiency (Nett Non-Condensing)	98.3%	
Maximum Efficiency (Nett Condensing)	108.6%	
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 dimensions 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.