

# Aqua

temperature control solutions  
sales • hire • service

## 500kW BOILER

CONTAINERISED



Specification Overview	
Output Duty	500 kW 1,706,000 BTU
Power Supply	415v 3ph N+E 50Hz
Running Current	10 Amps
Plug Type	16A 5 Pin BS4343
Noise Levels	45 dBA @ 10 mtrs
Fuel Type	Diesel Oil or Natural Gas
Fuel Consumption	60 ltrs/hr (Oil)
Water Connections	3" Storz (DHW 2" Storz)
Weight	3000 kg
Dimensions (WxDxH)	2,400 x 3,400 x 2,400mm

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**Our extensive and modern range of hire equipment includes:**

Air Cooled Chillers from 5kW to 550kW. As Well as a Heat Pump Range from 10kW up to 200kW Single Units. Container, Trailer & Packaged Boilers with Integral Pumps and Heat Exchangers Ranging from 100kW to 1.2mW. Portable Air Conditioning Units. Including: Exhaust Tube Units, Split Type Air Conditioners & Evaporative Coolers. Electric, Gas & Diesel Powered Heaters. Including: Fan Heaters, Infrared, Indirect Fired and Direct Fired Units.

# 500kW BOILER

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	General	Heating	DHW
Nominal Output		400 - 500 kW	400 - 550 kW
Temperature Range		25/90°C	25/60°C
Power Supply	415v 3ph N+E 50Hz		
Running Current	10 Amps		
Plug Type	16A 5 Pin BS4343		
Maximum Working Pressure		10 Bar	10 Bar
Safety Valves		3/10 Bar	10 Bar
Heat Exchanger		Yes	Yes
BMS Outputs	Yes		
Time Clock	Yes		
Frost Protection	Yes		
Design Flow			Max 9,800 ltrs/hr @ 45°C
Pump Capacity		22,000 ltrs/hr @ 1 Bar	
Variable Temperature Control		Yes	Yes
Height of Flue Above Ground Level	3,500mm		
Expansion Vessel		500 ltrs	No
DHW Circulation System			Yes
Flexible Hose Connections	Storz Twist Lock		
Water Connections	Flow / Return / Cold Feed	3" Storz	2" Storz
Recirculation Connection			1" Storz
Fuel Type	Diesel Oil or Natural Gas		
Fuel Connections	External Oil Tank or 1½" Gas Train		
Fuel Consumption	60 ltrs/hr (Oil)		
Noise Level	45 dBA @ 10 mtrs		
Handling Options	Fork Pockets 4 Point Lifting Eyes		
Weight	3000 kg		
Dimensions (WxDxH)	2,400 x 3,400 x 2,400mm		

