

Case study 239

Andrews Boilers provide emergency solution for prison in Kent

When a prison on the Kent coast suffered a boiler breakdown unexpectedly, Andrews Boilers was contacted regarding a solution.

Without a functional boiler, everyday tasks including cooking and cleaning cannot be undertaken properly which led to the facilities manager contacting us out of hours.

It was hoped that hot water and heating services could be restored as soon as possible and so an Andrews representative visited site to outline the best course of action. It was important that the prison's day-to-day requirements were taken into account so that a boiler of sufficient capacity could be installed.

Our specialist visited the site a few hours after enquiry was received, conducting a free site survey to establish which unit would suit the application best. We provided a 500kW packaged boiler unit which proved a more than adequate replacement for the customer's original boiler-which was being repaired off-site.

Thanks to our quick response, we were able to get to the location on the same day of enquiry, allowing us to implement a quick solution and avoid any further problems. The outcome was therefore extremely positive, and the client was satisfied with the results we provided.



Nominal heating duty 500kW
Power supply 415 V 3 ph N+E 50 Hz Run 10 A
Noise level (max) 45 dBA @10 metres
Weight (kg) 3500kg
Plug type BS4343 5 pin 32 amp
Average power consumption 3.4 kW/h
Fuel Consumption 41 litres/hr
Fuel type Gas Oil (natural gas burner available)
Dimensions 3000 x 2400 x 2600 mm (without fuel)
DHW connections (recirculation) 25 mm/1" stortz connector
Fuel consumption (max) 41 litres/hr
Natural gas connection 50 mm/2" BSP
Control Automatic thermostat
DHW connections (flow/return) 50mm/2" stortz connector
LPHW connections (flow / return) 75 mm/3" stortz connector



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