

Case study 202

Emergency Boiler Hire

Maintenance work on university grounds happens often due to high student population turnover year on year. During the summer, a Russell Group university decided to carry out maintenance work on their main pipework that provided the heating for a residential block. This was necessary to enable a new area of campus development to take place whilst ensuring the main pipework could also service the new developed area. This large project also needed to be completed without causing disruption to the current residents. Andrews Boiler Hire was contacted to provide a temporary heating service for the residential block.

Andrews engineers recommended the use of two 500 kW boilers, this is a contained unit that can be used on a range of applications where heat and hot water is needed. The 500kW units were placed externally, as close as possible to the plant room where the fixed boiler and hot water system is housed. This allowed Andrews Boiler Hire to provide a direct service to the plate heat exchanger which increases the efficiency of heat transfer. After installation, the university were extremely pleased with the service we provided. By hiring the boilers, current residents did not experience any problems with their heating or hot water. The client appreciated our rapid response rate and consequentially used Andrews Boiler Hire for a second project. This project involved engineers upgrading the boilers located within the plant room. During this upgrade further support was needed as five more boilers were supplied in order to supplement the ongoing work. The university were grateful for the excellent service they received from our team, and a great relationship has been established with the client leading to future hires.



Nominal heating duty 500 kW 1,706,000 btu
Power supply 415 V 3ph N+E 50 Hz Run 10A
Plug type BS4343 5 pin 32 A
Noise level 45 dBA @ 10 metres
Weight 2,500 kg
Dimensions (L x W x H) 3,000 x 2,400 x 2,600 mm
Fuel type Gas Oil/Natural Gas
Max fuel consumption 60 l/h



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