

# Case study 230

## Boiler hire facilitates student move in

Before some construction projects can be completed, a section of building may be required for occupancy before the whole development is concluded – offering rendering the need for a temporary boiler. An unconnected gas supply will prevent the commissioning of a permanent boiler unit, making a short-term arrangement necessary. So when a new campus was constructed at a Kilmarnock college, the client overseeing the job contacted Andrews Boiler Hire for a stand-in solution.

A local expert visited the site and calculated that a 500kW boiler would be needed to ensure living quarters had an adequate supply of heating and hot water. Ongoing groundworks nearby prevented our unit from being located inside a designated plant room, but an engineer pinpointed an alternative location a short distance away.

The separating access road was being constructed on which meant we had to erect a scaffold structure to ensure water hoses reached the plant room. A 2000 litre fuel tank was also situated alongside the boiler to enable extensive periods of operation once commissioned on site. The constraints for positioning our boiler posed a challenge that we had to overcome, even requiring us to reroute the flue.

Despite boiler hire originally expected to last six weeks, our unit actually remained in place for almost three months due to unfinished groundworks. The solution we proposed was however extremely effective and meant that students living in a large accommodation block had both heating and hot water while our boiler was online.



Power supply 415 V 3 ph N+E 50 Hz  
Run 10 A  
Noise level (max) 45 dBA @ 10 metres  
Weight 2,500 kg  
Dimension 3,000 x 2,400 x 2,400 mm  
(without flue)  
Plug type BS4343 5 pin 32 amp  
Fuel Consumption 60 ltrs/hr  
Fuel type Gas oil



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