Case study 225

Emergency boiler replacement keeps care home open

Social care is among the largest and most complex sectors to supervise because of the general vulnerability of those who require it. Nursing homes are subject to very strict health and safety regulations with warm indoor temperatures a fundamental requirement all year round. The importance of providing a constant heating supply was recently emphasised when a residential care facility in Kent suffered recurring boiler breakdowns. A decision was taken to replace faulty equipment, but before this could take place a temporary unit needed to be sourced.

Failure to address the issue immediately would have necessitated the relocation of more than 50 vulnerable people. Regulations stipulate that care accommodation cannot be allowed to drop below a certain temperature and faces immediate closure if this condition is not met. Implementing a temporary boiler hire solution was therefore critical to ensure occupants were not put under any avoidable strain.

Having assisted this particular client at other locations, we were contacted about the heating issue and asked to carry out a full site survey complete with risk assessment. A regional technician was able to recommend a 250kW oil fired boiler after a comprehensive evaluation, and this was sited adjacent to the main entrance by using a vehicle-mounted crane.

The solution provided was an excellent example of how to bypass a faulty boiler and retain a constant heating supply through an existing central heating system. Our quick response helped restore a vital amenity without disturbing either staff or residents.

Nominal heating duty   250kW
Power supply   230V 1ph 50Hz Run 10A
Plug type   BS4343 16A
Noise level   45dBA @ 10 metres
Weight   2,000kg
Dimensions (mm)   3000 x 2400 x 2600
Fuel type   Gas oil/natural gas
Max fuel consumption   31 l/h
LPHW connections   50mm (2") storz coupling
DHW connections   50mm (2") storz coupling
DHW recirculation connections   25mm (1") storz coupling
Natural gas connections   1.25" BSP coupling

ANDREWS BOILERS

HIRE SALES SERVICE INSTALL
0800 211 611
andrews-sykes.com