

# Case study 120

## Stem cell lab seeks heating

At Andrews Heat for Hire, we understand that where clinical environments are concerned, there is simply no margin for error. Climate control systems need to be robust, easily manoeuvred and most importantly, dependable. As a company, we are widely experienced in providing healthcare services with temporary equipment and as such, have established a reputation as one of the UK's most reliable suppliers.

So when a Birmingham hospital's on-site heating system suffered reduced functionality, they contacted us in search of an alternative. Stem cell laboratories on the premises need to be strictly controlled at all times, meaning substitute equipment was immediately required to ensure internal temperatures were retained. The client specified that any solution would have to be unobtrusive so that people working nearby would not be disturbed. With no spare electrical capacity available, we suggested an ID60 indirect fired oil heater because of its suitability for areas with limited ventilation.

In order to increase the ambient temperature of the intended room, hot air was ducted via the unit which was connected to an external air intake situated on the side of the building. Flexible ducting also allowed us to site both the heater and its tank discreetly, per the customer's request.

This proved very successful, as we were able to design and implement a non-invasive yet practical solution despite obvious restrictions. We once again demonstrated our ability to deliver a heating system tailored precisely to our client's needs, who were delighted with its efficiency. After envisaging the unit would remain at the medical centre for just 12 weeks, it was actually off hired five months later than originally planned – such was its effectiveness.



Power supply 230/100V 1 ph 50 Hz  
Run 6.2/15.1 A  
Noise level (max) 73.3 dBA @ 1 metre  
Weight 220 kg  
Dimension 1,500 x 775 x 1,025 mm  
Control Automatic external controls available  
Plug type BS1363 230 V / BS4343 16 A 100V  
Duct length (max) 30 metres  
Fuel consumption 6.98 litres  
Typical heated area 1,500 m  
Fuel type Gas Oil or Kerosene  
Duct diameter size 300 mm  
Flue 600 x 127 mm



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