Case study 489

Emergency air conditioning hire helps keep vital medical staff cool

The impact of COVID-19 has necessitated that staff working in hospitals wear personal protective equipment (PPE), with direct consequences for nurses, doctors, therapists, technicians and anyone else carrying out their daily duties on site. While this precaution has been effective in reducing the transmission of infectious agents between people, it has put medical staff at greater risk of suffering heat stress and general discomfort.

For this reason, Andrews Air Conditioning was recently contacted by the estates team of a prominent hospital in Gloucestershire. Our client explained that the mandatory use of PPE had greatly affected many of their employees and as such they were looking to create specific areas on each ward that would allow overheating staff to take quick 'cooling breaks'.

We were contacted by the customer late on the Friday night before a bank holiday weekend, with them under the assumption that the earliest that we could provide a temporary air conditioning hire solution would be the following Tuesday. Instead, our regional expert called the client directly to gain a better perspective of the project and assured them that kit could be delivered early the following morning.

Despite receiving the enquiry at short notice, we worked around the clock to ensure that a dozen Polar Wind portable units could be quickly supplied in order to provide struggling medical professionals with some respite.

The kit was delivered to an agreed location on site in order to eliminate the potential for people to come into contact unnecessarily. We specifically recommended the use of Polar Wind units due to their simple plug and play installation, which allowed the hospital's estates personnel to handle installation without any issue at all.

Our client expressed their delight at our immediate response to their problem and admitted that the level of service we offered under difficult circumstances completely surpassed their expectations.

Nominal cooling duty 4.1 kW
Air flow (max) 360 m3 /h
Typical cooled area 99 m3
Power supply 230 V 1 ph 50 Hz Run 9 A
Noise level (max) 56 dBA @ 1 metre
Weight 45 kg
Dimensions (L x W x H) 480 x 400 x 840 mm
Exhaust duct 2 metres x 127 mm diameter
Control Remote control with automatic thermostat
Average power consumption 1.8 kW/h

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