



**ANDREWS
AIR CONDITIONING**



0800 211 611



CASE STUDY

Andrews Air Conditioning Delivered Reliable Cooling and Clean Air for the NHS Renal Unit

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CASE STUDY

Temporary Cooling and HEPA Filtration Keep Patients Comfortable During Summer Heat

A hospital renal unit needed to keep air clean and filtered for dialysis patients throughout the summer season. Rather than offering separate air purification systems alongside the cooling equipment, Andrews Air Conditioning engineers stepped in and provided a better, more cost-effective temporary solution.

With soaring temperatures putting additional pressure on healthcare facilities, the system needed to deliver both effective cooling and clean air filtration. Our engineers designed a bespoke system using **PAC22 Series 2** portable air conditioners with medical-grade HEPA filtration, supported by **ASF21** cooling fans to move cooled air down the corridors.

This tailored approach delivered significant financial savings without compromising on the precise filtration and cooling required for a sensitive clinical environment.



PAC22 Series 2 Portable Air Conditioner;
ASF21 Cooling Fan



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Need a Cooling Solution Tailored to Your Sector?

Andrews Air Conditioning offers a wide variety of rapid-response cooling hire solutions to keep your operations running without interruption. Contact our team today!



Learn more

1 CHALLENGE

Cooling the healthcare setting meant balancing two priorities from the outset: keeping dialysis patients comfortable while ensuring the air remained filtered and clean.

Careful planning also went into avoiding trip hazards around the site. PAC lines were run at height and fed through windows rather than across walkways, with external HEX units positioned in garden areas out of the way.



2 SOLUTION

The Andrews Air Conditioning team designed a cost-effective cooling and filtration solution built around the essential needs of the NHS setting.

- 4 x **PAC22 Series 2 Portable Air Conditioner** units with HEPA filters
- 4 x **ASF21 Cooling Fans**
- High-level line installation, with heat exchangers positioned externally in garden areas

This solution solved two key problems at once: clean air filtration and reliable comfort cooling.

3 OUTCOME

The temporary cooling and HEPA filtration setup made a real difference to comfort levels for dialysis patients throughout the scorching summer season.

Working closely with our NHS partners, the approach was tailored specifically to the site's needs from the outset.

Andrews Air Conditioning experts delivered cost-effective performance without the need for unnecessary additional equipment.





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cooling solutions in your sector?**

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