



**ANDREWS  
SYKES**



0800 211 611



CASE STUDY

# Straightforward Air Quality Becomes Dual-Purpose Healthcare Solution

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## CASE STUDY

## Frontline Support: Enhancing Hospital Air Quality When It Matters Most

With winter pressures creating a spike in respiratory infections and became overcrowded, a regional healthcare trust needed an immediate defense against airborne pathogens and contaminants in their busy wards and waiting rooms.

We rapidly deployed a high-performance ventilation and filtration package, ensuring patient safety and operational continuity when the hospital needed it most.

### 1 CHALLENGE

During a period of unprecedented winter pressure, a regional healthcare trust faced a critical need to control the spread of airborne pathogens and contaminants within their highly populated clinical spaces.

The goal was to combat stagnant air and achieve a safety standard of 6–8 air changes per hour (ACH) to dilute pathogens and protect patients.



### 2 SOLUTION

Andrews Sykes deployed a tailored, hybrid package of high-capacity ventilation fans combined with industrial-grade HEPA air purifiers.

This dual strategy ensured that fresh air was actively introduced to the environment while existing internal air was simultaneously scrubbed of particulates and pathogens.



### 3 OUTCOME

The equipment proved its value almost immediately. Shortly after installation, a surge in viral cases meant the hospital needed to adapt fast.

The flexibility of our units allowed to extract more air than was being supplied, creating "negative pressure" zones. This effectively stopped the virus from escaping into corridors and protected other patients and staff.

We also received a comment directly from the customer that this rapid response played a critical role in maintaining patient safety.



## Need temporary or emergency air filtration in your sector?

Andrews Air Quality and Andrews Ventilation provides rapid, eco-friendly solutions to keep your operational. Contact our team today!





## Need help with temporary or emergency ventilation or air cleaning?

Andrews Air Quality and Andrews Ventilation offer quick-response, wide variety of equipment hire to ensure your facilities remain operational and compliant.



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