

# CASE STUDY

## Warrington Hospital



### Situation:

During October of 2020 Hospitals around the United Kingdom were under significant pressure due to the number of Covid-19 cases. Patients and hospital staff were both wary to enter the hospital for fearing of contracting the airborne virus constituting the global pandemic. As such, Warrington and Halton Teaching Hospitals NHS Foundation Trust commissioned Healthy Air Technology to provide them with a number of machines to help provide a feeling of security for anyone at the hospital and tangibly reduce the number of Covid-19 cases. In addition air purifiers play an additional role in the hospital by preventing the transmission of bacteria and other viruses, something needed with delicate care in the context of an operating room or elsewhere.



Bacterias



Viruses



Pollutants



Dust



Sulphur dioxide



Nitrogen Dioxide

### Solution:

Healthy Air Technology provided the Warrington Hospital with 30 HA500's and 10 HA800 across A&E (Accident and Emergency), reception and 6 wards, including two special COVID wards and four normal wards. All of the machines employed are equipped with industry standard filtration technology, alongside our own Oxford University Scientist developed-DNO catalyst which completely breaks down and kills all pollutants, bacteria and viruses (including coronaviruses).



## Outcome:

The installation was simple and the operation was successful. Covid cases were reduced drastically on the ward from October 2020 to March 2021, a critical period for England during the pandemic. Air quality was always monitored and kept at healthy levels while the machines were running.



“Both patients and doctors are happy with the air quality after the installation. COVID infection rate has been also reduced after deployment.”

Warrington Hospital

This technology is unique to our machines and is **the most effective and safe form of air purification, being certified to completely destroy pollutants.**



Smart control technology

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