

# CAMFIL CASE STUDY



**Client:**  
University Hospital Galway

**Location:**  
Galway Ireland

**Date:**  
Nov 2014 - Jan 2015

**Sector:**  
Hospital

## CAMFIL CAMCLEANER 800 AIR PURIFIER IMPROVING INDOOR AIR QUALITY AND PROTECTING HOSPITAL PATIENTS

### ABOUT THE PROJECT

Camfil Ireland has been installing CamCleaner 800 into more hospitals in Ireland. In University Hospital Galway (UHG), Camfil have supplied 44 (slightly altered) CamCleaner 800 to help improve indoor air quality while also protecting patients from harmful particles (such as Aspergillus) during the construction of a new hospital wing.

### PROJECT CHALLENGES

With construction work due to begin shortly in UHG, the hospital's infection control team and maintenance team were worried about the effects the dust particles would have on the patients if they were to infiltrate the building. It had been decided that because of this all windows in the hospital would need to be sealed shut.

The problem now was how to get sufficient fresh clean air into the existing building without having to redesign the whole ventilation system.

### THE SOLUTION

Camfil approached the Hospital with the CamCleaner 800. With the CamCleaners patented double air intake design, it was able to have one air intake ducted to the outside which would then allow fresh air to pass through HEPA filtration and into the patient rooms. With the other air intake, it would take the air from inside the room and clean it. This project was a large one undertaken by the hospital due to the amount of CamCleaners 800 needed to make this project work. Between November 2014 and January 2015, 44 CamCleaner 800 were supplied and installed in University Hospital Galway (UHG).



Camfil's standard CamCleaner CC 800 White was slightly altered to meet the needs and demands of the hospital.

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One of the CamCleaner 800 units installed in University Hospital Galway, Ireland.



CAMCLEANER 800

## Facts on CamCleaner 800

- Clean, stored products, reduced operational downtime
- Less cleaning required
- Low energy costs
- Reduced environmental impact
- Healthier employees
- Uniform temperature distribution, even in spaces with high ceilings
- Reduces tobacco smoke, welding fume emissions, building dust, asbestos and particles of all sizes up to ultra-fine