

case STUDY



HOSPITAL

Sterile conditioning zone now in accordance with standards at a low cost by installing a CamCleaner 600

Place: French hospital
Where: Conditioning zone for surgical equipment (sterile zone)

Objective

Hospital willing to have its sterile conditioning zone in accordance to the good practices for hospital pharmacy:
 ISO 8 standard
 Air exchange rate: 15 vol/h
 Overpressure compared to adjacent zones

Situation (drawing 1)

Air in the conditioning zone is supplied by an AHU of 3000 m³/h.
 - ISO 8 standard
 - Air exchange rate: 8 vol/h
 - No overpressure compared to adjacent zones

Solution (drawing 2)

Camfil supplies and installs a CamCleaner 600 in the supply zone to provide the conditioning zone with:
 . A higher air exchange rate
 . An overpressure

Results

The Camcleaner extracts 6000 m³/h from the supply zone, the air goes through two air filtration stages, one F5 the other F6:
 . 4000 m³/h are sent into the conditioning zone (in addition to the 3000 m³/h from the existing AHU)
 . 2000 m³/h are sent into the storage zone.
 The result is an air exchange rate of 17 vol/h
 The conditioning zone is still ISO 8 and is in overpressure with regards to the storage zone, itself being in overpressure with regards to the supply zone.

Advantages

This hospital is now in conformity at a low cost while keeping the existing AHU.

For further information, please contact Camfil Farr France

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