

Maintaining safety in a nuclear medicine environment



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The customer needed a partner they could trust with maintaining safety in their nuclear medicine department, particularly canister maintenance. They found that expertise and reliability with MANN+HUMMEL.

Emiliano Vicenzoni, MANN+HUMMEL



The complete package for a nuclear medicine dept.



Customer

Major FM provider and large hospital in Milan, Italy



Products and services provided

ePM1 55% fine dust filters, HEPA filters, and molecular filters—plus maintenance of bag-in/bag-out (BIBO) systems



Outcome

All products supplied and installed to schedule. BIBO maintenance carried out as required. And a referral to another hospital from a happy customer!

THE CUSTOMER

A major European facilities management company operating in more than 50 countries with annual global revenues of nearly €50 billion. The company manages facility services for a large hospital in Milan, Italy, including its Nuclear Medicine Department—the focus of this particular project.

THE CHALLENGE

The facilities management company contacted MANN+HUMMEL based on the working relationship established through previous filter supply projects.

They were looking for more than just filter supply for the Nuclear Medicine facility, and wanted a technical partner that could provide both product expertise and hands-on maintenance services. This included technical consultation, canister servicing, and the expertise in developing filtration systems for areas handling radioisotopes.





THE SOLUTION

Transitioning from a supply-only relationship to a full-service partnership, MANN+HUMMEL provided a comprehensive package that included installation and ongoing maintenance.

Each canister group was equipped with two or three filter stages, with the air handling unit (AHU) delivering around 44,000 m³/h of air. Working with the customer, we recommended, supplied and installed:

- Fine dust filters—ePM1 55% efficiency
- HEPA filters—Nanoclass Cube H13
- Molecular filters—Carboactiv Cube with activated carbon for radioisotope filtration

In addition, we also provided a canister maintenance service, which included replacing the bag-in/bag-out (BIBO) bags as required on an ongoing basis.

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For the customer, the product cost was secondary to having a knowledgeable partner who could deliver the required technical service.

Michele Acerenza,
MANN+HUMMEL



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Following this project, the customer recommended the MANN+HUMMEL service package to another hospital in Milan.

Emiliano Vicenzoni, MANN+HUMMEL

THE RESULT

The multi-stage filtration system successfully maintained the required air quality and safety standards for the Nuclear Medicine Department.

The combination of pre-filtration, HEPA filtration, and activated carbon molecular filtration provided effective containment of radioisotopes, while the bag-in/bag-out maintenance service ensured safe filter replacement without environmental contamination.

The customer reported satisfaction with both the solution design and service execution. So much so, that the customer has already asked MANN+HUMMEL to manage the monitoring of nuclear medicine in the hospital for next year too.



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MANN+HUMMEL earned our trust through clear presentation of the service. And solidified this trust by repeatedly delivering through their actions.

Customer, Large Hospital—Milan, Italy

Find out more about our air filtration solutions for healthcare.

[HEALTHCARE AIR FILTRATION →](#)

Whether you have a complex project or a simple request, get in touch for expert help.

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