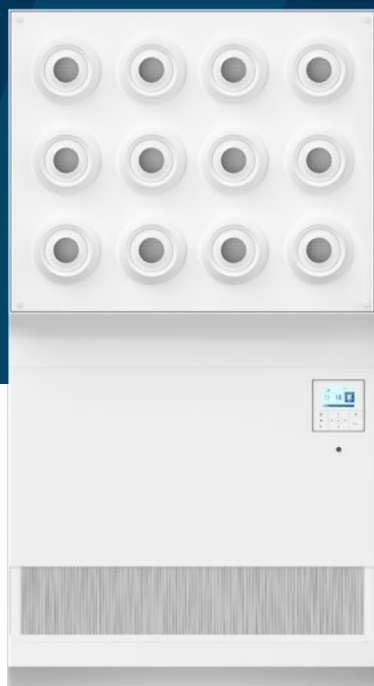


COMBI series

Combining the benefits of air purification, cooling, heating, and pressurization in one powerful device for all high care medical environments.



About the COMBI

The COMBI air filtration unit is a device designed to **solve all your air purification needs** combined with **temperature control** and **pressurization**.

It is engineered to supply the optimum combination of **efficient HEPA14 air purification** and provide a large number of room air changes per hour to **minimize the spread of airborne diseases** to patients and health care workers. Featuring **high quality** and **performance**, the COMBI is proven to deliver exceptional results with minimum maintenance.

Made with epoxy coated steel and aluminum components, it is sturdy and ensures **durability**. These devices offer **two levels of protection**, enabling them to filter out a range of particles through a pre-filter and a main filter.

It is available in **various size combinations** that make it ideal for health care applications with minimal installation time and costs.



Revolutionary Approach to Cleaning Air

COMBI is a **high-efficiency air filter series**, which provides a clean air supply for different medical environments and health industries. Engineered with the **most up-to-date filter manufacturing technology**, COMBI devices can remove 99.995% of the air between 0.1 to 0.3 μm (Most Penetrating Particle Size - MPPS) and help achieve ISO6 or ISO5 cleanroom classification.

But the COMBI does not just purify the air, it also **provides cooling, heating**, and can create **positive pressure** into the room. This positive pressure prevents dirty air particles from entering the room from outside.



Easy Setup with Quick Results

The COMBI is easy to install. It takes only **two days to set up** and 20 minutes to achieve optimum air purification levels.



Adjustable air nozzles

The COMBI features **adjustable air jets** that allow clean air to flow and reach the entirety of the room without causing any discomfort to patients, visitors, and staff. This ensures that no part of the room is affected by contaminated air and that the temperature remains constant throughout the room.



Save Time and Money

Combining a sustainable ultra-efficient air filter with heat pump technology created the COMBI. A **favorite of many hospitals**, it is **easily affordable, durable**, and **semi-mobile** for **maximum efficiency**. Since it significantly improves the overall air quality, our COMBI devices can be used as an independent cleanroom validated ventilation system, as well as a support to existing laminar flow installations.

What does the device remove from the air?

MedicCleanAir's high-quality air purification system COMBI removes

99.995%
of airborne viruses

(i.e. including Coronavirus, Influenza, Sars), bacteria (i.e. Tuberculosis), fungus (i.e. Aspergillosis), allergens, pollen, mold spores, mildew, and other pollutants in small to large spaces.



Viruses

0,002-0,05 μm



Fungus

0,5-5 μm



Smoke

0,01-4 μm



Mold Spores

4-25 μm



Atmospheric dust

0,01-5 μm



Pollen

10-100 μm



Bacteria

0,2-2,5 μm



Other pollutants

This minimum efficiency applies for particle size range 0.1-0.2 μm (Most Penetrating Particle size) based on EN1822. For particles bigger or smaller than the range 0.1-0.2 μm the efficiencies of Medic Clean Air devices are tested and even better (up to 100%)



COMBI 1.5 SIDE

Where to use?

The COMBI is **generally used in medical environments** such as operating theatres, intensive care units, laboratories, plastic surgery centers and dental offices. With the ability to generate a pressure difference, the COMBI **can be used to protect immune-compromised patients** (Oncology, Hematology, Neonatology, transplant, burn units, etc.) by pumping clean air into the room to generate positive pressure in order to keep dirt and contamination out.

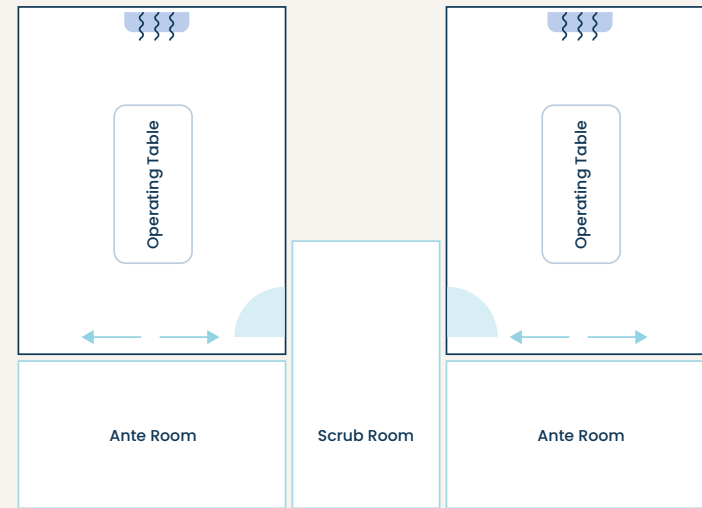
All of our products are designed to help technical and infection control departments in hospitals and consultants upgrade air quality and comply with local government guidelines and regulations.



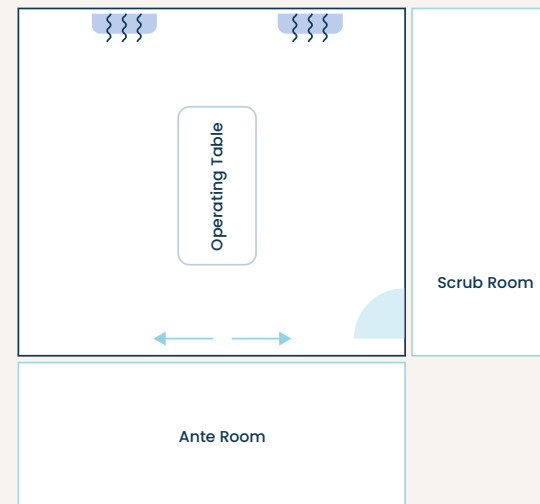
COMBI 2.2 SIDE



Operating theatres



Operating theatres



Innovative technology

Cooling, Heating, and Positive Pressure

The COMBI does not only just purify the air but also, it provides cooling, heating, and positive pressure into the room. This positive pressure is created by introducing fresh air into the room at 30% of the device capacity, and 70% recirculated air.

Adjustable air nozzles for perfect directional airflow

Airflow is critical in the field of air quality and air purification. An air filtration device is useless if it cannot produce clean air that reaches all corners of the room or if it can't extract contaminated air from all corners of the room. The COMBI features adjustable air jets that allow clean air to flow and reach the entirety of the room, ensuring no area of the room is left with contaminated air and that the temperature throughout the room is constant.



Filtration Efficiency

The COMBI utilizes a HEPA14 main filter (EN1822) and successfully passes mandatory DOP leak tests and certification. HEPA 14, the highest level of filtration in the HEPA category, has been proven to filter 99.995% of the air between 0.1 to 0.3 μm . This filter is considered the gold standard for clean air in medical facilities and combined with our additional ISO ePM10 50% pre-filter (ISO16890), it can filter even the smallest particles in the air to guarantee the cleanest air possible.

Airtight

The COMBI has a gel or PU sealing mechanism (depending on the model) and is completely sealed, enabling only air to pass through the filter. As a result, the COMBI can meet high air quality standards to safeguard patients, visitors, and medical professionals from infection caused by airborne contaminants.

Intelligent Control and security monitoring

The COMBI has an intelligent controller, which is not only programmable and user friendly, but that can also be password protected to prevent unauthorized access. You can easily change modes, temperature, fan speed, or schedule if need be. In addition, the COMBI has a sensor that measures the pressure difference on the filter and a clock system that indicates with an LED light when the filter needs to be replaced.

Compare our models



COMBI 1.5

Installation

- 2 days installation time max.
- Dimensions: 90 x 146 x 34 cm

Performance

- Results within 20 minutes
- Helps achieve ISO6/ISO5 cleanroom classification
- Clean air capacity: 480 to 800m³

Filtration & hardware

- HEPA14 main filter with PU sealing
- ISO ePM10 50% pre-filter (old norm M5, EN779)
- Certified leak-tested filter (EN1822)
- 12 adjustable air nozzles
- Programmable controller
- Security control on filter status by sensor and clock

COMBI 2.2

Installation

- 2 days installation time max.
- Dimensions: 110 x 177 x 33 cm

Performance

- Results within 20 minutes
- Contributes to ISO6/ISO5 cleanroom classification
- Clean air capacity: 750 to 930m³

Filtration & hardware

- HEPA14 main filter with gel sealing
- ISO ePM10 50% pre-filter (old norm M5, EN779)
- Certified leak-tested filter (EN1822)
- 36 adjustable air nozzles
- Programmable controller
- Security control on filter status by sensor and clock



About Medic Clean Air

MedicCleanAir specializes in air purification for hospitals, laboratories, plastic surgery clinics, dental offices, and other medical environments. For over 25 years, we have been striving to provide the best quality air purifiers satisfying the needs of hundreds of our international customers.

Trusted by hospitals, laboratories, plastic surgery clinics, dental clinics and any other health facility in more than 20 countries.



Do you believe your operating theaters
and other high care rooms deserve gold
standard air purification?

Get a quote for the COMBI and Discover
Which Air Purifier Is Right For You.

Contact us