

MedicAir Pro



Technological excellence

Combining innovative technology with outstanding design, we bring you a sophisticated air purification system to ensure the highest levels of protection and reassurance in your everyday environments.

Our products are designed to fit seamlessly into any environment, enabling you to safely continue with your everyday activities and achieve your maximum potential.

Our state of the art **MedicAir®** system eliminates the invisible contaminants in a room and disperses clean air filtered for

viruses, bacteria and particulates with its ultra-high power 24W UVC technology, 360-degree air intake and five-stage filtration process, it's quick, efficient and quiet. Designed and developed for quality and longevity with widely trusted technology, **MedicAir®** gives you peace of mind, with the exceptional levels of service you can be sure of from the **MedicAir®** team.

Filter Specification

- Pre-Filter: Non-woven fabric mesh
- HEPA H-13 filter efficiency is 99.95% at > 0.3 microns
- Activated Carbon Filter
- UV-C 24W Bulb

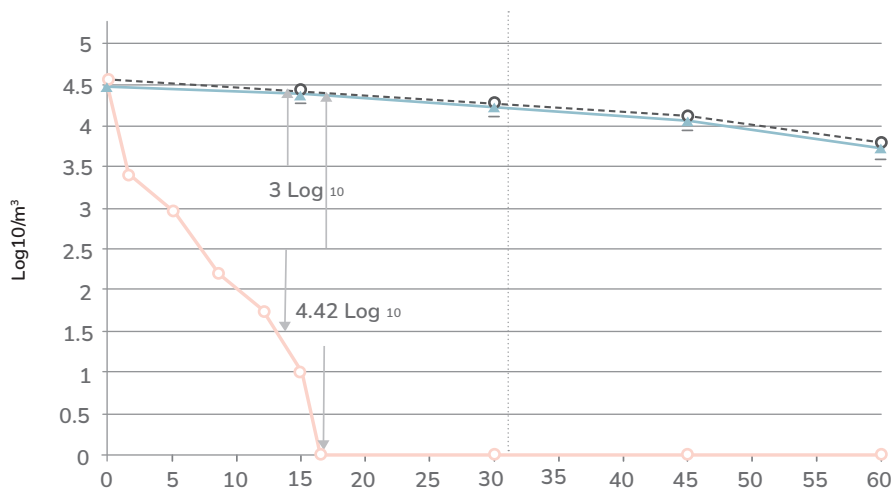


Air Flow

MedicAir® allows for an enormous maximum air flow of up to 605m³/hour enabling a large number of air changes even within the most challenging of environments.

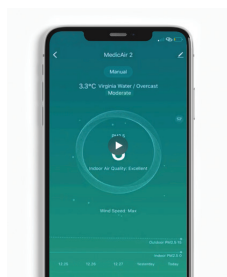
Airborne virus removal from a test chamber within 16 minutes with MedicAir®

Independently tested by accredited labs internationally to remove viral airborne contaminants.



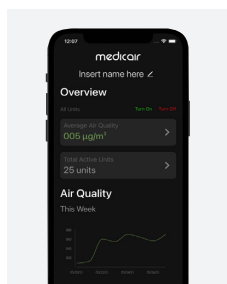
In a Test Chamber of 25 m³ (built to comply with the guidelines from the U.S. Environmental Agency (U.S. EPA 2012))

—●— Control Test (average) —○— Efficacy Test (average) —○— Transformed Control



MedicAir® Mobile App

Available on both the Apple App store and Google Play store, **MedicAir®**'s mobile app allows you to control and monitor your units, wherever you might be.

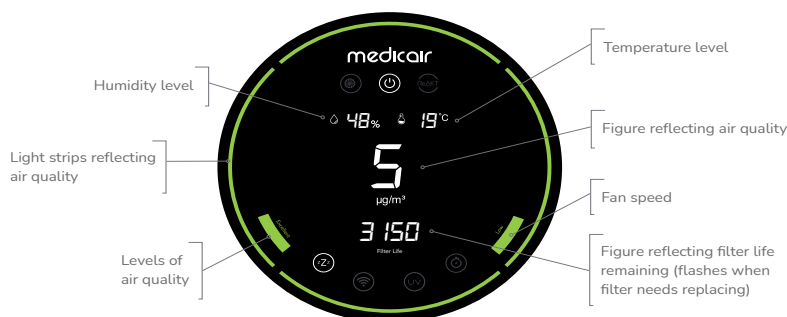


MedicAir® Data Mobile App

The **MedicAir® Data** app enables clients to track and audit their air quality over time across multiple buildings and multiple geographies.

On Screen Control

MedicAir® on-screen controls are intuitive, simple and effortless. The display provides an 8 inch (diagonal) wide-screen LCD display enabling easy reading and interpretation.

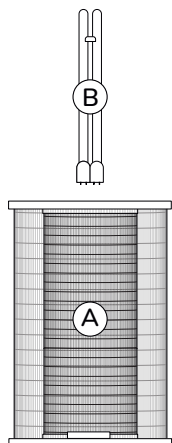


The Technology Behind the Solution

MedicAir® offers a unique solution for the purification of your indoor air, improving air quality and reducing the incidence of suspended viruses, bacteria and numerous other harmful contaminants commonly found throughout indoor air. We provide you with an advanced breathing experience.

The **MedicAir®** unit utilises a custom engineered multi-stage air purification process with a maximum airflow throughput of 605m³/hour, alongside a muted noise level, operating at a maximum of only 60db.

Our combination of filters enable purification of your air like never before. The anti-bacterial coated HEPA-13 filter has a 6.7m² surface area and filters out 99.95% of all particles down to 0.3 microns, whilst our activated carbon layer removes harmful VOCs and odours, before our 24W UVC bulb targets viruses and other microscopic contaminants.



- (A) Pre-filter, ATP-HEPA and carbon filter cartridge
- (B) TiO₂ catalyzed UV-C reaction chamber

Filters

A. Pre-filter, ATP-HEPA and Carbon filter cartridge

Pre-filter and ATP-HEPA antimicrobial peptide filter

This consists of an omni directional antimicrobial fibre mesh fabric capable of capturing and filtering large particles such as dust, hairs and skin flakes. This prolongs the lifespan of the HEPA filter and improves system efficiency.

The high-density ATP-HEPA H13 antimicrobial peptide filter removes the majority of airborne particulate matter with a mean aerodynamic diameter of 2.5 µm.

High-efficiency activated carbon layer

This is a large honeycomb-structured filter which works to remove harmful substances such as mercury and benzene. It can subsequently reduce odours in the room.

B. TiO₂ catalyzed UV-C reaction chamber

By way of a 24-Watt UVC bulb placed in the center of the reaction chamber, **MedicAir®** is able to denature pathogens by damaging their RNA/DNA.

Please visit uvc-vtm.co.uk to buy high-performance combined filters.



Noise Levels

MedicAir®'s design, alongside the efficiency of a NiDec Japanese optimised motor, allows operating noise levels of a band of between 30-60 Db. As a logarithmic scale, 30 Db is the sound of rain, 60 Db is the sound of a conversation at 2m.



ReAKT Technology

The design of **MedicAir®** enables on board laser sensors to detect airborne contamination and react to this across 4 settings. This technology allows for optimised filter cartridge utilisation, causing your filtration to be preserved for longer than otherwise possible.

Simple to Use

The **MedicAir®** unit does it all, meaning you can sit back and relax. The digital display allows you to easily monitor and adjust your **MedicAir®** system at the touch of a button.

Showing you everything from air quality levels, to relative humidity and room temperature, the on screen light up display provides an expert user experience. The on-board laser sensors constantly monitor the quality of the air, detecting increases in air contamination and activating the unit's motors accordingly.

Variable Power Settings

Air Flow Setting	Air Flow (m ³ /hour)	Noise Level (dB)	Power Consumption (watts)
Low	up to 180	35	35
Medium	up to 360	45	45
High	up to 500	57	57
Max	up to 605	60	80

Optional Extras



Wheel base unit (DAWA9129)



Wall mount (DAWM3910)

Contents:

- 1x **MedicAir®** Air Purifier (with pre-installed filter cartridge)
- 1x Remote Control (with pre-installed battery)
- 1x Instruction Manual for use
- 7x **MedicAir®** Holographic sticker (various sizes)
- 1x Power Cord (country specific)

medicair

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DISINFECTION
CONTROL SYSTEMS