

medicar

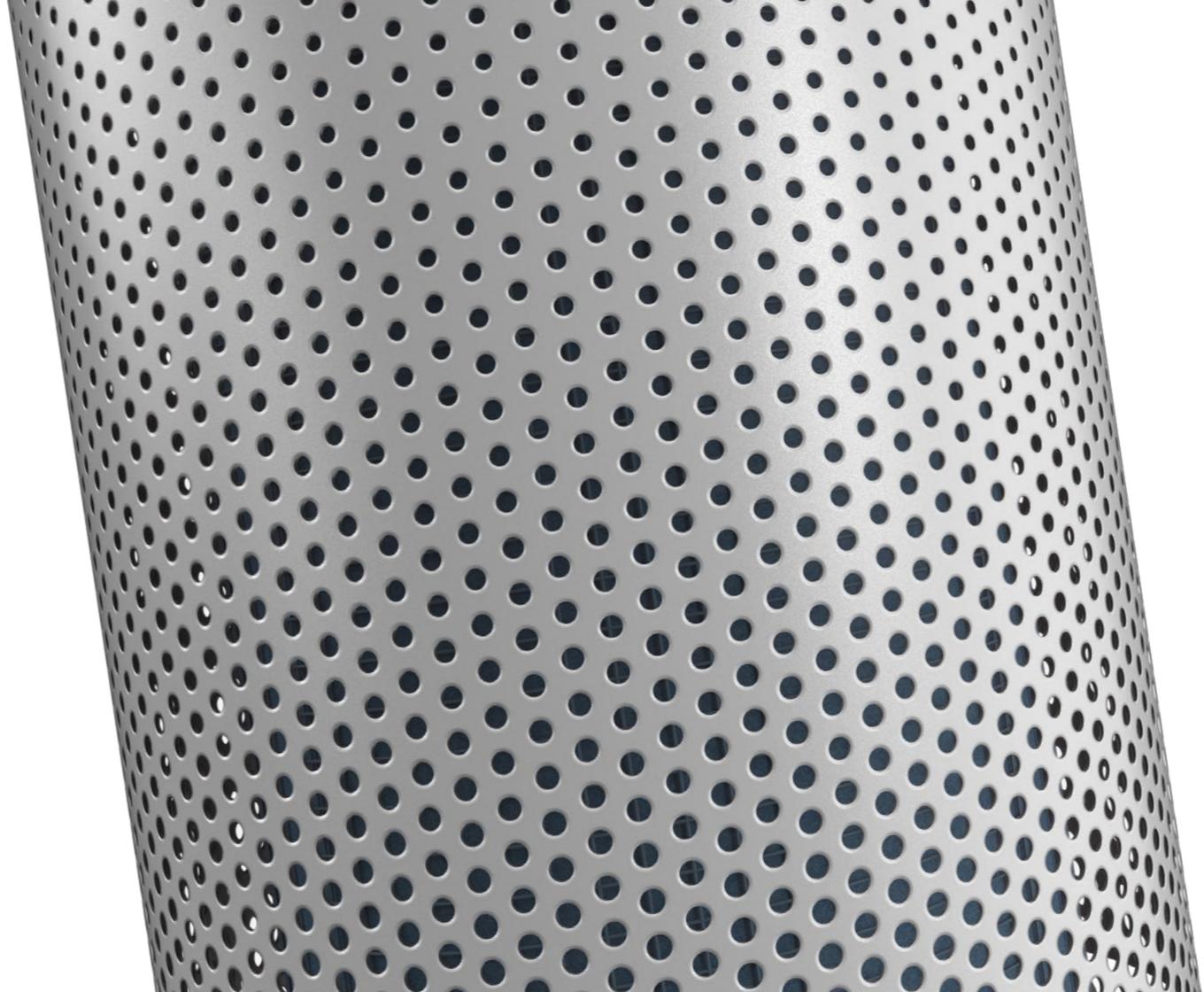
SciVision



Pioneering Air Purification

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

Our world-leading MedicAir system eliminates the invisible contaminants in a room and disperses clean air that's free from 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, allowing your staff to work in safety without disruption. 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 Bryant Medical.



High-performance air sterilisation technology

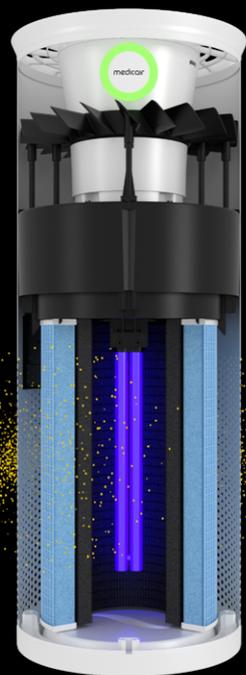
+27 (0) 12 665 2595

+27 (0) 84 405 8025

Over 350 kinds of pathogens disperse into the air when someone talks, breathes or even opens their mouth to eat. These pathogens stay floating around for hours. With the very latest in technology built into one sophisticated unit, MedicAir provides reassurance and ensures safety by filtering and killing viruses, bacteria and other pathogens.

The combination of a world-class 5-stage filtration process, UVC lamps, 360-degree inflow and over 5,000 inlet holes, MedicAir reaches over 99.99% sterilisation rate in every corner of your offices. The huge 600m³/hour clean air delivery rate (CADR) ensures multiple purified air changes per hour.

As well as pathogens, our state-of-the-art air filtration system draws in the full spectrum of bioaerosols, consisting of organic matter and other harmful pollutants found in the office environment.



Market-leading air purifying system

MedicAir offers a unique solution for sterilisation and filtration of air, improving quality and reducing the incidence of suspended viruses and bacteria.

360-degree intake

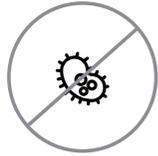
Unlike other air purification systems that only have three sides, MedicAir has 360-degrees of inlet to draw in contaminants from all corners of the room, via 5,408 inlet holes. The air is drawn in through the bottom of the unit, decontaminated and then smoothly released from the top through its Venturi Blade design technology, giving highly effective air purification around the entire room.



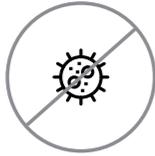
Reactive Air Kinetic Technology (ReAKT)

The combination of an efficient motor and HEPA Class 13 filter reduces the noise levels to as low as just 28db, compared to other systems that have a minimum of around 40db. The laser-guided ReAKT also helps to reduce noise by allowing the unit to automatically adjust the airflow rate according to the level of particles in the environment. This means MedicAir runs smoothly, efficiently and quietly, without constant monitoring and input from the user – resulting in a comfortable and safe environment within which your meetings and customer interactions can go on undisturbed.





Bacteria



Viruses



Volatile Organic Compounds



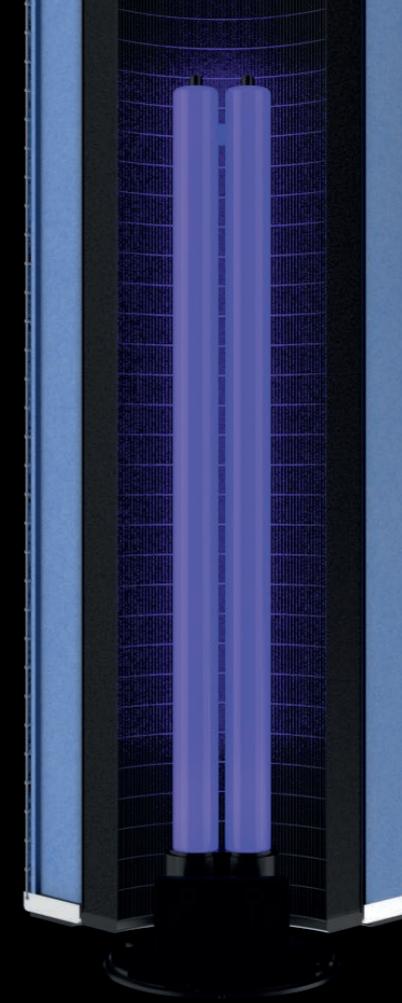
Pathogen

Carbon filter and HEPA filter

Our system has a carbon filter and HEPA filter working together to effectively remove harmful matter from the room and decontaminate your indoor air. The pre-filter captures and filters larger particles, which are then passed through the high-density antimicrobial peptide filter and the carbon filter to remove other, smaller and harmful airborne matter.

Enhanced airflow

The MedicAir system's airflow is 600m³ per hour – well in excess of the industry standard.



Enhanced UVC sterilisation technology

UVC sterilisation technology performs better when compared with other decontamination techniques such as Plasma and Ionisation (read our literature reviews for further details). The MedicAir system boasts a unrivalled 24W tubule UVC lamp to kill off 99.99% of viruses and bacteria.

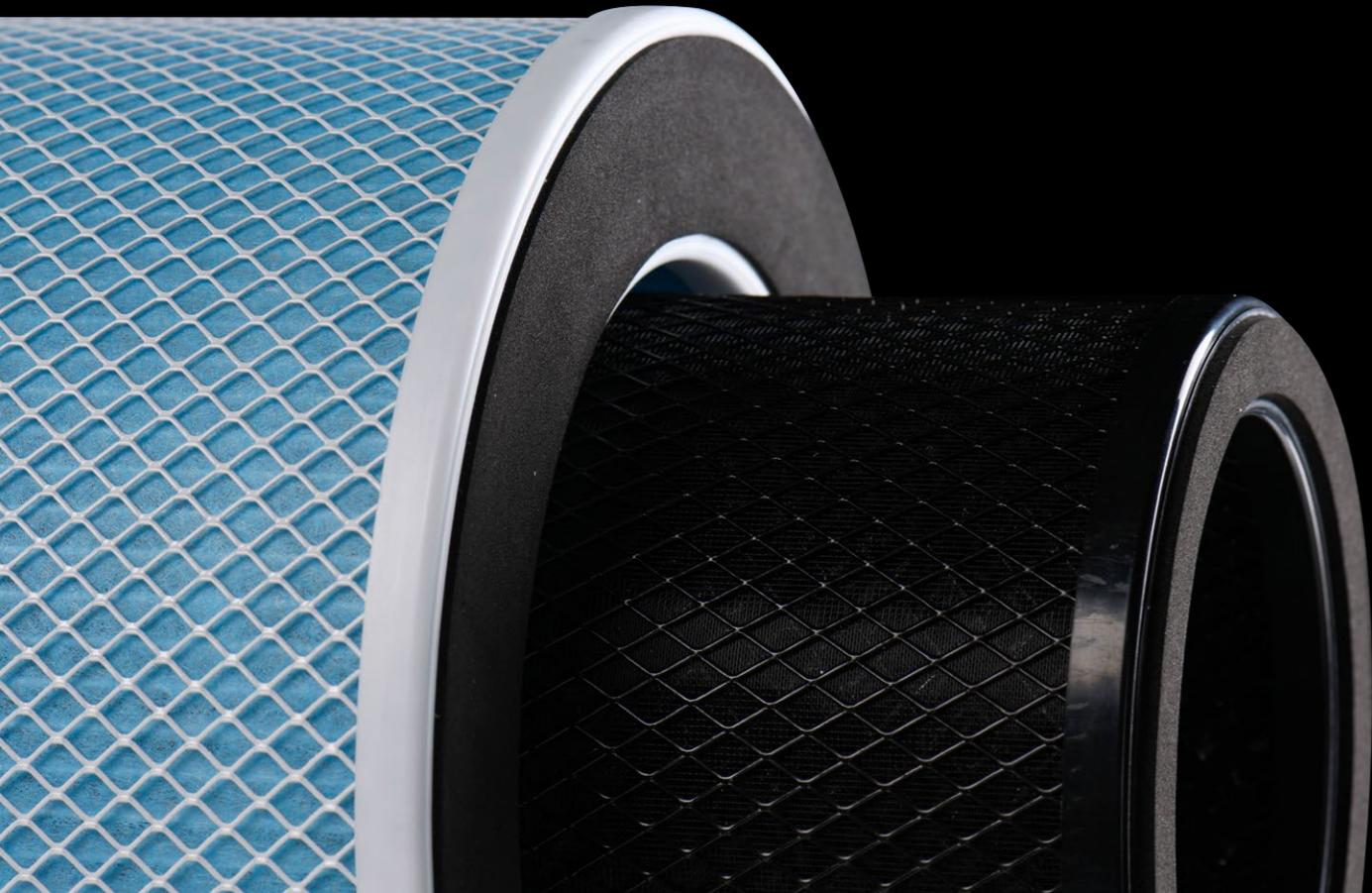
Using the energy of ultraviolet photons, UV rays from the lamp penetrate the cell membranes of microorganisms, viruses, bacteria and other pathogens. The UV energy destroys the DNA and RNA structures, inactivating them so they die.



+27 (0) 12 665 2595



+27 (0) 84 405 8025



Superior filtration

The 5-in-one filtration system in MedicAir offers exceptional efficiency both in terms of the speed at which air can be sanitised and the noise levels of the system. With a pre-filter, a HEPA 13 filter and an activated carbon layer working together, the quality of the air filtration is second to none.

The pre-filter consists of an anti-bacterial fibre mesh fabric to capture and filter larger particles, such as skin flakes, hair and organic material. The system then utilises the high-density ATP-HEPA antimicrobial peptide filter to remove smaller airborne matter, which is then passed through the carbon layer to eliminate harmful substances. The result is the removal 99.95% of particles larger than $0.3\mu\text{m}$.



The filter is simple to twist off and change in just ten seconds. However, depending on the hours of usage, air quality and the location of your MedicAir system, you should only need to replace your filter once a year. And, as it's housed within the UVC chamber, the HEPA filter is sterilised before you handle it.



Stylish & user-friendly design

The MedicAir system has a sleek and minimalist design, so it blends in perfectly into your surroundings, and is simple to use without disruption to your work.

The digital display allows you to easily monitor and adjust your MedicAir system at the touch of a button and shows you everything from air quality levels and speed, to humidity and temperature. With our state-of-the-art app, you can monitor the air quality and record and save details on the Air Quality Audit page of the app.

The entire unit and touch panel are easily cleaned with a simple wipe down, and the remote control unit is magnetic, allowing for safe and hygienic storage.

Air Quality Audit

Innovative app puts you in control wherever you are

The MedicAir system is fully app-enabled on both IOS and Android and wirelessly connects to your device to keep a log of your air quality. You are able to remotely control, activate and switch off your unit from the convenience of your smartphone.



Specification



Dimensions:	800 x 300 mm
Noise:	28-60db
360 Inlets:	Present
CADR:	600m ³ /hour
UVC lamp:	1 x 24W
Filters:	» Pre-Filter, HEPA 13, Activated Carbon » Pre-Filter: Non-woven Fabric Mesh » HEPA Filter Efficiency is 99.95% at 0.3µm or larger
Control panel:	Touchscreen + IR Remote
Fan Speeds:	4 + ReAKT Mode
App-Enabled:	IOS & Android
ReAKT Technology:	Laser-Guided
Motor Technology:	NiDec Japan
Approvals:	CE, EMC, LVD.



Manufactured in the UK by Bryant Dental

Distributed by SciVision Medical

scivisionmedical.com/medicair

  +27 (0)12 665 2595 |  +27 (0)84 405 8025



MedicAir® is a registered trademark of Bryant Medical Ltd in the United Kingdom, Australia and other countries.

© Bryant Medical 2020



EN1.0CF/BR