





OurAir
Mobile Air Purifiers
Effective against
viruses and odors
in care homes

Capture viruses and odors in your care facility




Individually-tested H14
HEPA filters¹ capture
more than
99.995%
of viruses, bacteria &
other micro-organisms




High performance air flow
rate for efficient air
exchange



Low energy consumption
through optimized system
and filter media design



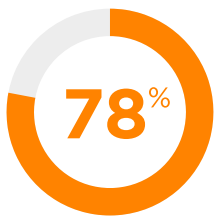
**Quiet operation,
and discreet,
neutral design**



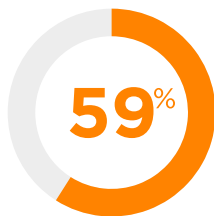
Optional **UV-C stage** and
activated carbon prefilter
for odors, NO₂ and VOCs

The experts for your unique challenge

From HEPA upgrades to your
HVAC system, air purification
systems or real-time indoor
air monitoring devices,
MANN+HUMMEL is your
development partner of
choice for healthy air quality.



of reported
respiratory illness
outbreaks occurred
in care homes.²



of people do not feel
comfortable visiting
friends or relatives
due to COVID-19.³

Provide residents, visitors and staff with virus free, fresh-smelling air.

Make living, working and visiting care homes a safe and pleasurable experience.

Delivering care is a personal service. It doesn't work with barriers or distance between people. But that's a problem when close contact carries a risk of infection for both carer and patient. Care home residents are particularly at risk from poor air quality. Not only are older people more vulnerable to the health effects of breathing polluted air, they also spend more time indoors – where air pollution is typically two to five times higher than that found outside.

At the same time, bad odors can have a significant, negative impact on staff, visitors and residents in care facilities. As well as odors associated with high numbers of people living in close proximity, cleaning products and waste facilities can create unwelcoming and unhealthy indoor environments.

With OurAir mobile air purifiers, you can quickly and easily reduce the level of aerosol contaminants in the air – significantly lowering the risk of infection in your care home. OurAir systems not only capture coronavirus and its mutations, but also flu, cold viruses and free allergens, so you can provide long-term protection even after the pandemic.

OurAir will help you lower staff absence due to sick days too – meaning better workforce scheduling, fewer temporary workers, and a quick return on your purifier investment. The OurAir range will lower the levels of unpleasant odors circulating as a result of bodily functions, and inhibit the spread of volatile organic compounds emitted by disinfectants and other cleaning products.

¹ According to the ISO 29463 and EN 1822 standards

² www.thecarehomeenvironment.com/story/25620/why-care-homes-must-start-improving-indoor-air-quality

³ www.accenture.com/_acnmedia/PDF-126/Accenture-COVID-19-Retail-Consumer-Research-Wave-Four-POV

No retrofit, no fuss

Just a healthier, fresher space



Air with a cleanroom pedigree

We created the OurAir range on the strength of more than 60 years of experience in cleanrooms and operating theaters. Here, our filters protect people and the wider environment from some of the most dangerous viruses, substances and other contaminants known to man.

Most care facilities are set-up to create a comfortable, pleasant environment for their residents. That means the air conditioning system (if one is present at all) is targeted at cooling or warming the space, not protecting occupants from viruses, pollution and other harmful contaminants.

OurAir air purifiers from MANN+HUMMEL are all-in-one units that enable building owners to turn any indoor space into a virus-free indoor environment.*

No retrofit or building works are required. **Simply plug 'n play and create a healthier space for your residents and team.**

*H14 HEPA filters reliably capture >99.995% of viruses and bacteria.

Fight odors

Improve quality of life



An effective solution to controlling odors

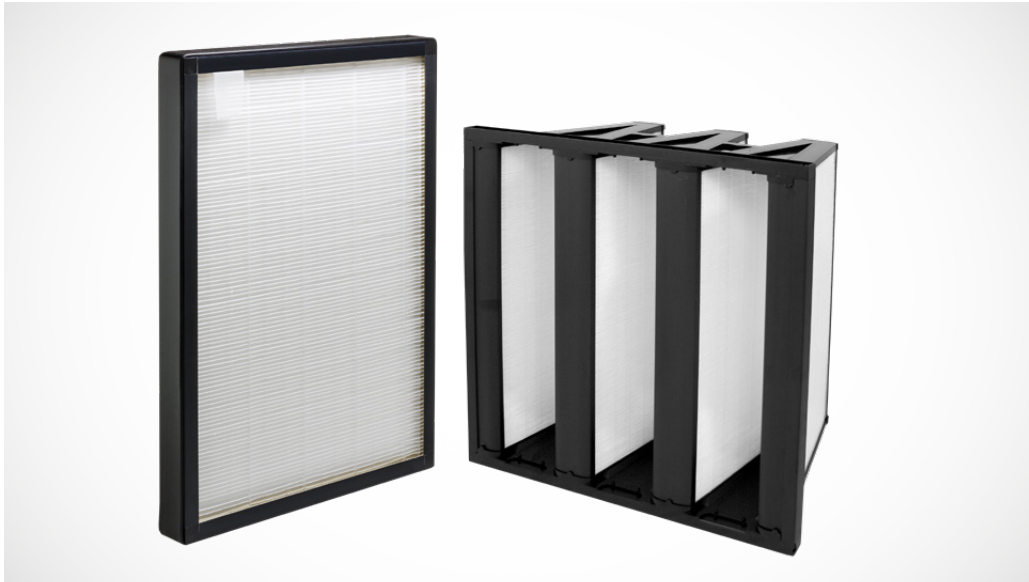
Care facilities have long tried to cover odors with things like scent diffusers, candles and sprays. But these methods have limited effect, except for compromising the air quality further. Instead of just trying to mask odors, OdorControl from MANN+HUMMEL removes unpleasant and harmful gaseous contaminants from the air – making nursing homes nicer spaces to live, work and visit.

All OurAir purifiers are available with an optional OdorControl activated carbon stage to also capture harmful and unpleasant odors. OdorControl chemically binds gaseous substances that cause unpleasant odors – increasing the wellbeing of residents, staff and visitors.

Odor Control effectively reduces:

- Urine and its decomposition products (e.g. ammonia and amines)
 - Smell of feces
 - Sulphureous gases e.g. decomposing vomit, bacterial contamination
 - Disinfectant and detergent odor
 - Organic gases (flatulence) and food odors
-

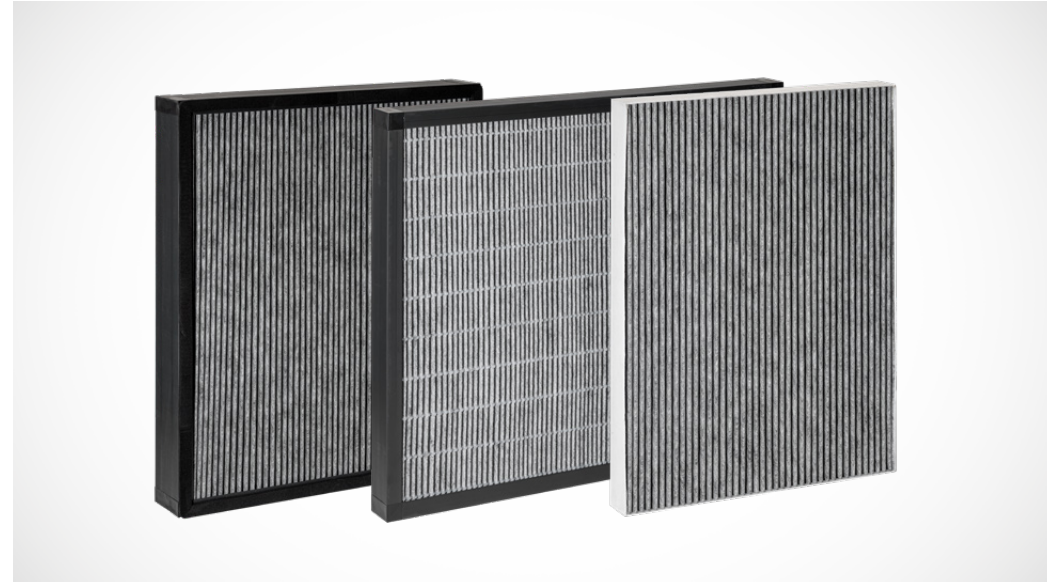
Industry-leading filters at the heart of OurAir



HEPA – What is it for and what to look for

HEPA (High Efficiency Particulate Air) filters capture up to 99.995% of viruses, bacteria and other microorganisms, making them ideal for use in air purification systems. Many air cleaning devices claim to offer HEPA performance, but It's important to point out that the word HEPA is not a protected term, and it alone is no guarantee of the quality or efficiency of the filter installed in a device.

The only way to ensure that the device you buy is actually of HEPA quality is to look for EN 1822 certification. This standard ensures that filter manufacturers individually test their filters to strict guidelines, and means that EN 1822-certified filters can be relied upon to capture the most harmful contaminants and viruses such as SARS-CoV-2. All MANN+HUMMEL OurAir devices are equipped with the highest possible H14 HEPA filters that are manufactured and tested in full accordance with EN 1822.



Take control of odors























Activated carbon filters are the only method for effectively removing odors and other gaseous contaminants from an indoor environment. A chemically-impregnated filter material adsorbs and binds gases, neutralizing the odor in the process.

If you opt for Odor Control in your OurAir device, the standard prefilter (or the HEPA filter in the SQ 500) will be upgraded to a filter element that captures both particle and gaseous contaminants. This delivers effective odor removal without compromising energy efficiency or increasing running costs. What's more, our activated carbon filters are constructed from coconut shells – a natural, renewable source material that is a byproduct of the food and cosmetic industries. So a healthy indoor space does not have to come at the expense of the environment.

The OurAir range

Something for every room

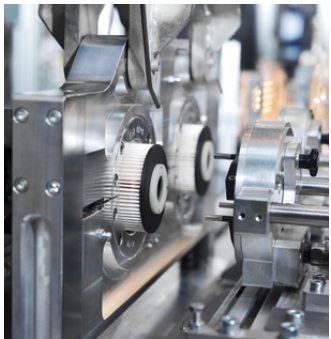
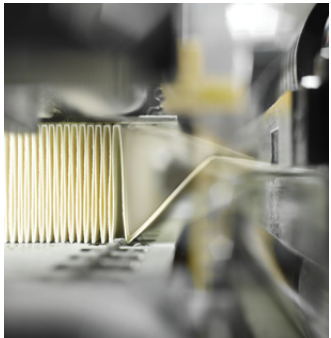
Each OurAir model is designed to meet the needs of different room sizes and applications. So, plug one in and deliver cleaner, virus-free purified air in your residential care facility.

	Air exchange rate / room size	Filtration efficiency	Air flow	Size & weight
 <p>SQ 500</p>	<div> <div>200 m² room 1 time/hr</div> <div>40 m² room 5 times/hr</div> <div>35 m² room 6 times/hr</div> <div>18 m² room 12 times/hr</div> </div>	<div>  <p>HEPA H14 99.995%</p>  <p>Final Filter¹</p> </div>	<div> <p>4 flow levels</p>  <p>500 m³/h</p> </div>	<div> <div>  <p>65 cm 44 cm 28 cm</p> </div> <div>  <p>11 kg</p> </div> </div>
 <p>SQ 1750</p>	<div> <div>700 m² room 1 time/hr</div> <div>140 m² room 5 times/hr</div> <div>120 m² room 6 times/hr</div> <div>60 m² room 12 times/hr</div> </div>	<div>  <p>ISO ePM1 55%</p>  <p>Prefilter²</p> <div>  <p>HEPA H14 99.995%</p>  <p>Final Filter</p> </div> </div>	<div> <p>10 flow levels</p>  <p>400 1750 m³/h</p> </div>	<div> <div>  <p>125 cm 65 cm 65 cm</p> </div> <div>  <p>85 kg</p> </div> </div>
 <p>SQ 2500</p>	<div> <div>1000 m² room 1 time/hr</div> <div>200 m² room 5 times/hr</div> <div>170 m² room 6 times/hr</div> <div>85 m² room 12 times/hr</div> </div>	<div>  <p>ISO ePM1 55%</p>  <p>Prefilter²</p> <div>  <p>HEPA H14 99.995%</p>  <p>Final Filter</p> </div> </div>	<div> <p>10 flow levels</p>  <p>250 2500 m³/h</p> </div>	<div> <div>  <p>105 cm 100 cm 52 cm</p> </div> <div>  <p>150 kg</p> </div> </div>

1 – The OurAir SQ 500 is equipped with a HEPA H14 filter as a standard. A HEPA combi-filter with an activated carbon layer for the reduction of odors is available as an option in place of the standard filter element.

2 – The OurAir SQ 1750 and OurAir SQ 2500 are equipped with particle prefilters as standard. Odor Control filters are available as an option in place of the standard prefilter elements.

A filtration leader For more than 80 years



For more than eight decades MANN+HUMMEL has been finding new ways to separate the useful from the harmful.

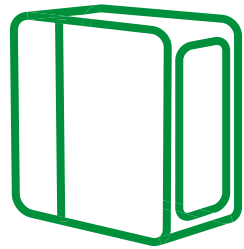
Today, more than 21,000 filter experts – of which around 1,000 in research and development – are working together to make our world cleaner.

26 filters roll off our production lines every second of every day.

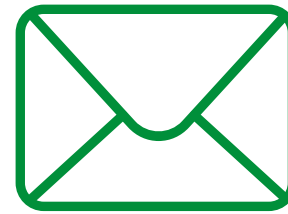
So you can trust us that we will protect your residents, your team and your building in the best possible way.

Get your device

The first step towards healthier air



**Learn more about
the OurAir range**



**Contact us or
request a quote**



our.air@mann-hummel.com

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