

OurAir SQ 2500
Mobile Air
Purification System
for Virus-Free Air
Indoors

OurAir SQ 2500

Features & Functions

MOBILE AIR PURIFICATION SYSTEM

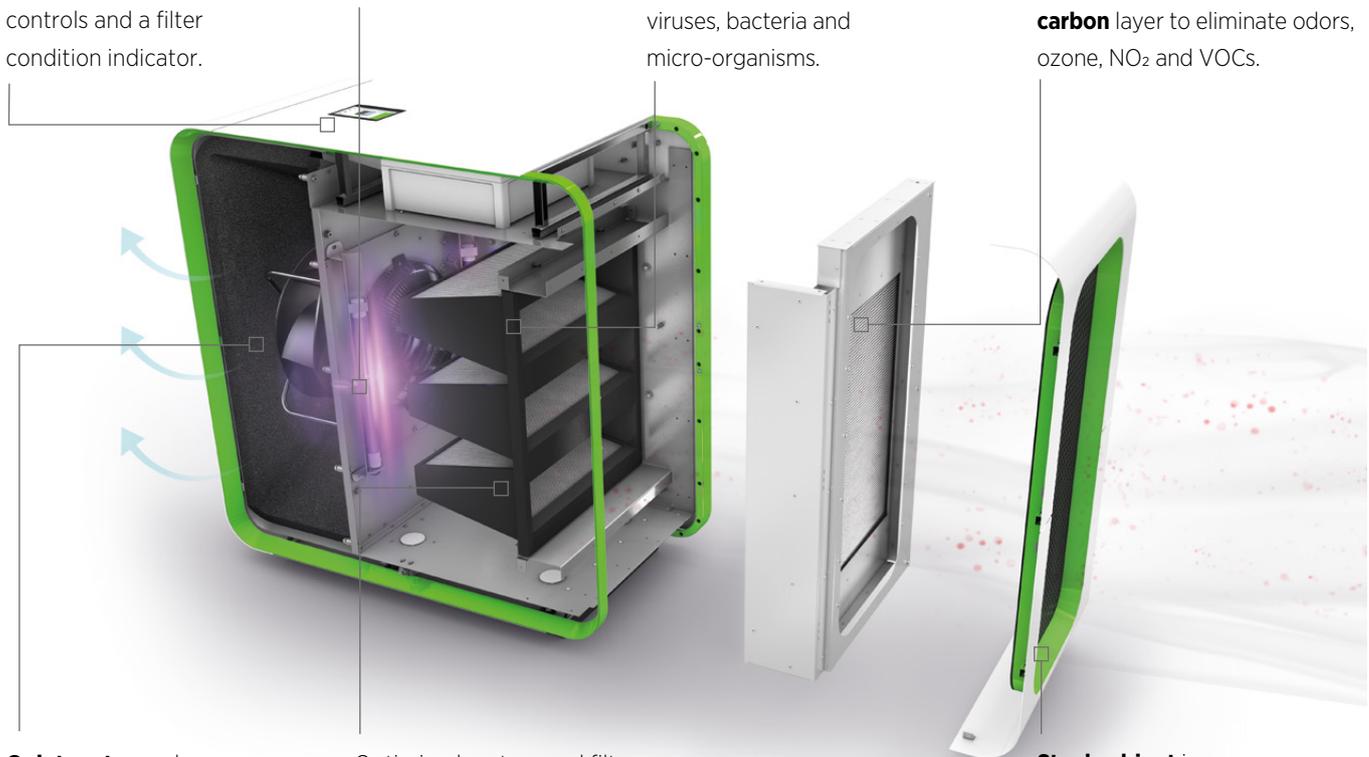
PIN-protected 4.3"

touchscreen with operation controls and a filter condition indicator.

Ozone-free UV-C stage

Individually-tested **HEPA H14¹ filters** capture more than **99.995%** of viruses, bacteria and micro-organisms.

Fine dust prefilter as standard with an **optional activated-carbon** layer to eliminate odors, ozone, NO₂ and VOCs.



Quiet motor and an optimized air flow provide **outstanding performance.**

Optimized system and filter media design for a **low power consumption.**

Steel cabinet is powder-coated in a neutral finish.

OVERVIEW

OurAir SQ 2500 is a portable air purification system that delivers virus-free, safe air in practically any indoor environment. Its individually-tested H14 HEPA filters¹ capture more than 99.995% of viruses, bacteria and other micro-organisms to offer the same supply air purity as many cleanrooms. Optionally, the prefilter can be equipped with an activated carbon layer to adsorb unpleasant odors and an ozone-free UV-C stage can also be selected.

APPLICATIONS & USE

OurAir SQ 2500 has been designed to provide virus-free air to building occupants wherever they gather – from offices and retail stores to restaurants, gyms and medical practices.

One OurAir SQ 2500 device efficiently cleans the air in a room up to 200 m² in size. For smaller rooms, the OurAir TK 850 is an alternative solution for rooms up to 70 m².

SWITCHABLE UV-C STAGE

Viruses separated by the HEPA filter die off and remain inactive. If requested, an additional ozone-free UV-C stage can be activated. Wavelengths below 240 nm are retained by specially-coated glass. The lamps are deactivated when the device is opened. When using HEPA filters, UV-C lamps do not contribute to a further improvement in air quality and only sterilize the directly irradiated filter surface.

OurAir SQ 2500

Technical Information

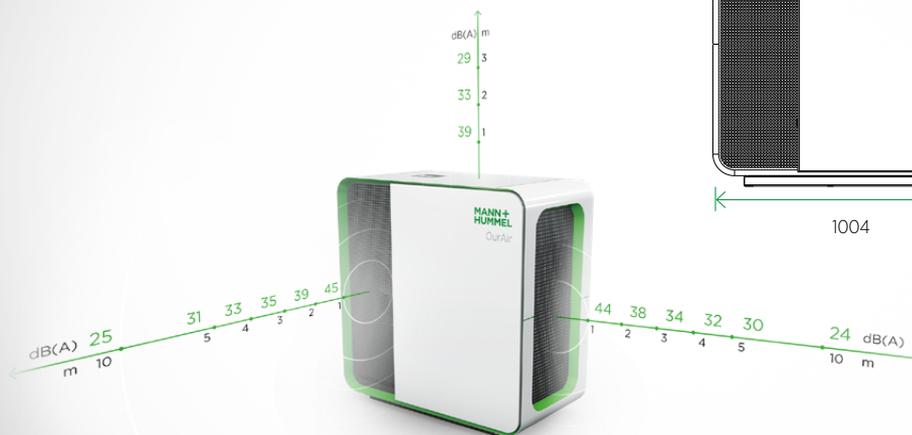
PERFORMANCE DATA

TECHNICAL DATA	OURAIR SQ 2500
Dimensions (L x W x H)	1,004 x 522 x 1,051 mm
Max. Room Size (per unit)	ca. 200 m ² (approx. size of a 25-workstation office)
Net Weight (with filter)	150 kg
Cabinet Material	Powder-coated steel - 1.5 mm thick
Power Supply	230 V, IEC power connector
Circuit Breaker	Integrated - 3 amp
Power Consumption	110 W @ 1,250 m ³ /h (average operating speed); 460 W @ 2,500 m ³ /h
Air Flow Rate	250 - 2500 m ³ /h
Air Exchange Rate	- 5 times/hour (200 m ² room); - 6 times/hour (170 m ² room)
Filtration Efficiency	H14 ¹ (captures > 99.995% of viruses, bacteria and micro-organisms)
Pre-Filtration	ISO ePM1 55%
Screen	PIN-protected 4.3" LCD touch screen
Options	Damper/rolls (retrofit kits available); activated carbon prefilter (from Q4/21)

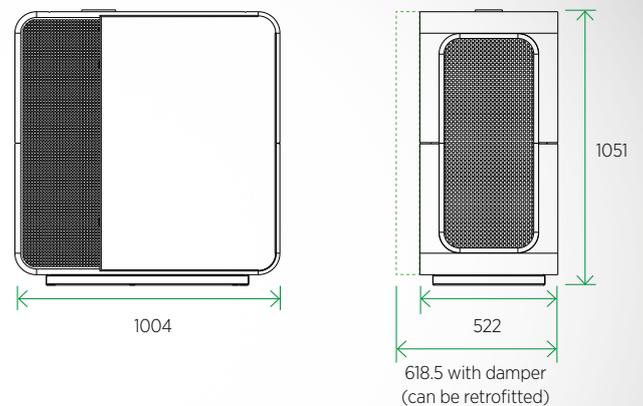
Subject to change without notice. ¹According to ISO 29463 & EN 1822.

SOUND OUTPUT

Noise level at various distances and directions with an air flow of 1,250 m³/h and a damper fitted.



DIMENSIONS & LAYOUT (mm)





MANN+
HUMMEL

Leadership in Filtration

OurAir SQ 2500

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