

Air Filter Unit

PURIFIAIR.620

Description

The use of PURIFIAIR.620 air purifiers can significantly reduce virus and pollutant loads in indoor air.

It also eliminates mold spores, pollen and allergens, germs and bacteria, fine dust and harmful gases, as well as unpleasant odors.

With its multi-stage filter system, this visually appealing air filter unit makes an optimal contribution to reducing indoor pollution. The mobile design allows flexible use in various building areas.

The PURIFIAIR.620 dual-suction air purifier safely captures even SARS-CoV-2 viruses thanks to a combination of EPA E12, HEPA H14 and activated carbon.

Thanks to robust materials and construction, the air purifier is extremely low maintenance and causes low follow-up costs. The filter modules can be easily replaced by the user and can be disposed of with normal household waste.



PURIFIAIR air purifiers significantly reduce indoor pollution.

5-fold Filter Technology

Two-sided flow-through multi-component filter units consisting of:

- 1. Metal Mesh Pre-Filter**
For the separation of coarse dust and to relieve the subsequent filter stages (wipeable).
- 2. G4 Pre-Filter**
Protection of the subsequent filter stage against coarse impurities. leads to an extension of the service life of the filters (for particles >10 µm such as pollen, spores, lint, hair, insects, etc.).
- 3. EPA-Filter, Filter Class H12**
For separation of particles of medium size, (particle size >0.3 µm, including bacteria, germs, etc.)
- 4. HEPA-Filter, Filter Class H14 according to EN 1822**
Separation of very small and nanoparticles (particle size from 0.1 to 0.3 µm) with an efficiency of up to 99.995 % (MPPS, including viruses, germs)
- 5. Activated Carbon Filter**
Adsorbs unpleasant odors and gaseous pollutants.



The built-in PM1.0 sensor, in conjunction with a color display, enables quick detection and very easy reading of the particle concentration in the room air in four levels: green/low to red/heavy load.

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Mode of Action

Each PURIFIAIR.620 air purifier has a volume flow rate of 160 up to 620 m³/h (5 operating levels) and is suitable for approx. 100 m³ room volume. This corresponds to a room area of approx. 40 m² with a room height of 2.5 m. For larger rooms, a higher number of units should be used.

The size of the corona viruses is approx. 0.12-0.16 µm, which is exactly within the effective range of an H14 filter according to EN 1822.

Technical Data

Model	PURIFIAIR.620
Dimensions (W x D x H)	400 x 400 x 669 mm
Weight	14 kg
Volume flow	620 m ³ /h
Noise level	31 – 49 dB (A)
Nominal power	Night mode 5.5 W to turbo mode 40 W
Power supply	220–240 V; 50/60 Hz
Order No. PURIFIAIR	110.5600
Order No. Filter Set	110.5610

Scope of delivery

The scope of delivery includes the air purifier incl. remote control, as well as the first multi-component filter unit.



Necessary filter changes are indicated via the display.

Please note!



Our air purifier does not replace the effective ventilation of indoor spaces or the observance of distance rules.

The devices complete your hygiene concept in case of insufficient fresh air supply and provide a safe and healthy room atmosphere even in the winter months.

In the long run, the air purifiers only provide an efficient result if the filters used are replaced at regular intervals.