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Air purifier

## **Air purifier - OPUS Aeroprime Q**

Catalogue number: 905034

An efficient and economical air purifier for home and small offices.



Description

### **OPUS Aeroprime Q Air purifier**

An efficient and economical air purifier for home and small offices. The device has an innovative purification system that is a combination of HEPA filter, eliminating allergens and a carbon filter, responsible for removing unpleasant odours. In addition, the technology uses ultraviolet light (UV-C), which widens the scope of destruction of pathogenic microorganisms. The purifier also has the function of ionizer, which makes the air quality inside the room similar to the one in an unpolluted natural environment.

- pre-filter (catches particles of dust and allergens)
- filter with active carbon (absorbs formaldehyde, benzene and other harmful gases)
- HEPA filter (captures 99.5% of dust particles, smoke, plant pollen and other allergens)

- UV-C light (destroys microbes, viruses, bacteria, fungi)
- PCO system - when the photocatalyst - titanium dioxide (TiO<sub>2</sub>) absorbs ultraviolet (UV) radiation, hydrogen gas and hydroxyl ions are generated, which radically help to remove volatile organic compounds (VOCs) and unpleasant odors and destroy pathogenic microorganisms.
- ionizer - negative ions improve the quality of air by combining with dust or reacting with molecules that cause unpleasant odours planted on the walls. A lot of negative ions occur in natural environments such as waterfalls or forests. In this case, negative ions approximate the air quality in the room to the natural environment.

Control panel:

- power button
- 3-step fan speed control
- integrated switch UV-C lamp and ionizer
- timer

Purification factor - is a parameter informing how many times per hour the device is able to replace / filter the entire volume of the room. To calculate the parameter, a room height of 2.5 m is assumed. This is an extremely important feature of good air purifiers. A sufficiently high purification rate ensures the highest quality of filtration and allows for a quick response to emerging contaminants, providing the user with healthy air.

The table shows the optimal ratio of the purification factor (PF) to the room surface (about 3 to 5 times per hour). Importantly, even in rooms with a different cubature, the purifier fulfills its function!

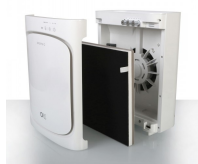
! /files/DPR/Description/oczyszczacze-powatrze/tabela\_oczyszczacze\_Aeroprime\_Q.png (Table Aeroprime Q)!

## Parameters

|                                |   |
|--------------------------------|---|
| Brand                          | OPUS  |
| Room size                      | up to 35 m <sup>2</sup>   |
| Purifier performance **        | 78-270 m <sup>3</sup> /h  |
| Power** [W]                    | bd / bd / 50  |
| Noise level ** [dB]            | 30 / 45 / 55  |
| Explanation                    | **wartości dotyczą odpowiednio trybów: niski, średni oraz wysoki. |
| Fan speed                      | 3 levels (low, medium, high)                                      |
| PlasmaWave™ System             | no  |
| Cleancel™ antimicrobial system | no  |

|                              |  |
|------------------------------|--|
| Ionic Silver Stick® System   | no   |
| Air ionization               | yes  |
| Automatic mode               | yes  |
| Air quality indicator        | yes  |
| Filter replacement indicator | yes  |
| Power supply                 | 220 - 240 V, 50 / 60 Hz  |
| Net weight                   | 4.4 kg   |
| Gross weight                 | 5.2 kg   |
| Height                       | 410 mm   |
| Width                        | 323 mm   |
| Depth                        | 185 mm   |
| Device warranty              | 2 years  |
| Purifier purpose             | for home, for office   |
| Filters                      | prefilter, True HEPA, activated carbon                                   |
| Colour                       | white  |
| Responsible manufacturer     | <b>Opus sp. z o.o.</b><br>Polska<br>44-122 Gliwice<br>Toruńska 8<br>gpsr |

## Gallery



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