

# AIRFIX ACTIVE

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**AIRFIX ACTIVE IS DESIGNED TO PROVIDE A HIGH LEVEL OF AIR FILTRATION AND SURFACES PURIFICATION AND SANITIZATION, FOR ALL INDOOR MEDIUM-CROWDED LOCATIONS, SO TO OPPOSE CONTAMINATION AND THE DIFFUSION OF BACTERIA AND VIRUS, AMONG WHICH SARS-COV-2.**

**AIRFIX ACTIVE COMBINES THE PURIFYING ACTION OF THE THREE-LEVEL FILTRATION TO ACTIVE SANITIZATION, THROUGH THE ENVIRONMENTAL EMISSION OF NON-TOXIC NEUTRALIZING SUBSTANCES. DIFFERENTLY FROM THE TRADITIONAL SANITIZATION SYSTEMS, IT CAN BE USED NO TIME LIMIT AND WITH PEOPLE INSIDE THE ROOMS.**

Thanks to a modern and essential designed vertical frame, you can position this product in every civil and industrial location, of medium and big surfaces. In spite of the airflow of 1600 mc/h, the unit is not very noisy, because of its internal insulation and the dimensioning of the fan section.

The active sanitization device, crossed by the airflow, releases hydroxyl radicals and a minimum percentage of hydrogen peroxide, favouring the decay of bacteria and virus present in the air and on surfaces, sanitizing them.

AIRFIX ACTIVE unit includes:

**Photocatalytic Oxidation and negative ionization technology:** this device, crossed by the filter treated airflow removes the eventual residual impurities, such as bacteria, moulds, virus, allergens, extra-thin powders and volatile organic compounds, releasing hydroxyl radicals able to sanitize all surfaces as well.

A reusable and double containment mesh **COARSE pre-filter** on air suction side, at the bottom of the unit, so to hold dirt and dust.

An **ePM1 filter** having low pressure drops and a wide filtering surface, used as cleanroom air pre-filtration

A **HEPA 13** (or HEPA 14, as an option) positioned before the fan section, with a filtration degree  $\geq 99,95\%$ .



Suitable to all locations



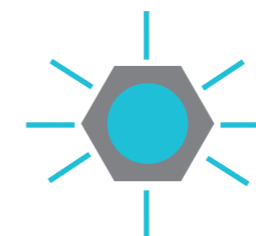
230 V / 50 Hz



low sound emissions



3 filtration levels



Active sanitization

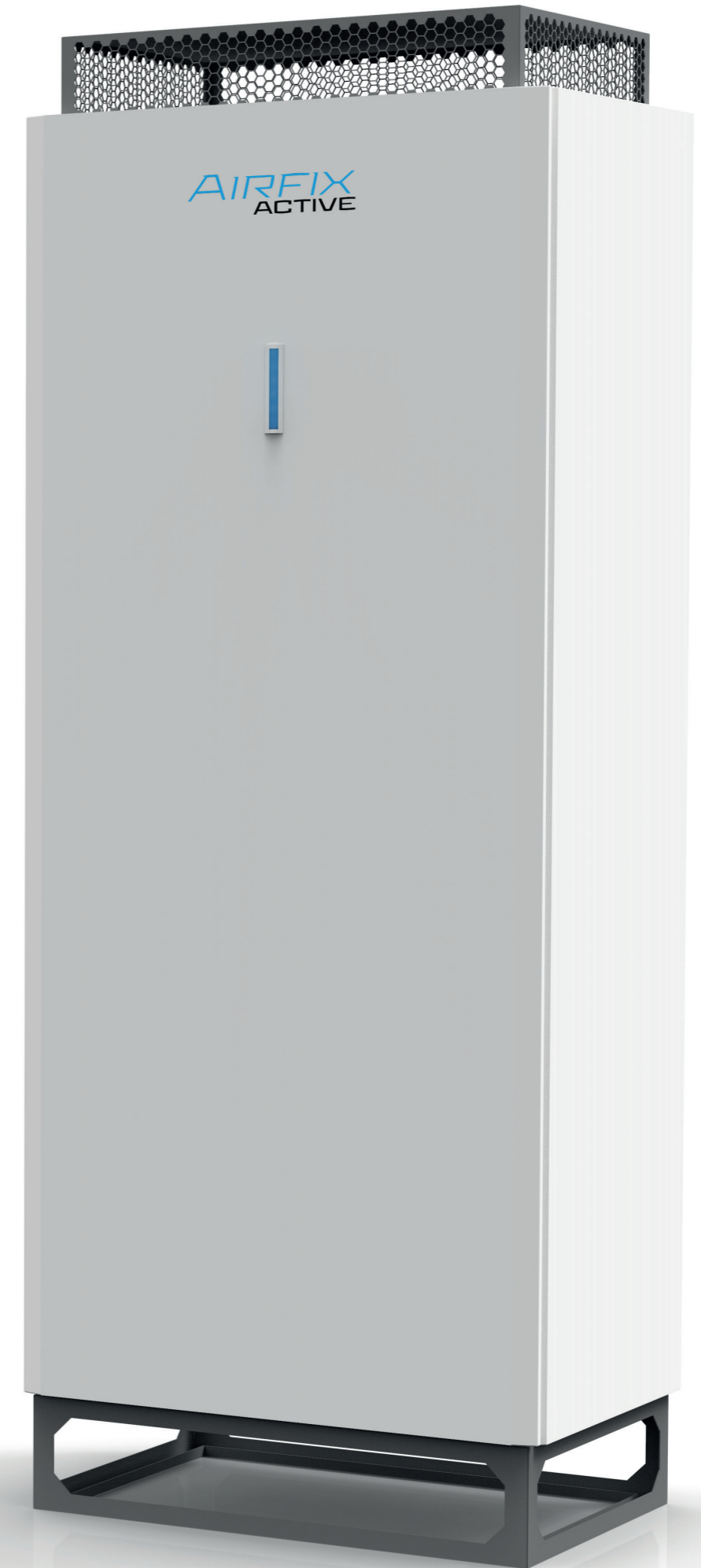


800 / 1.600 m<sup>3</sup>/h



200-300 / 250-350 WATT

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- Noise Filter
- EC Fan  
Electronic brushless  
commutated  
motor fan
- Active sanitization module
- HEPA 13/14 filter  
(En1822)
- ePM1 60% filter  
(ISO 16890)
- Coarse 70% Pre-filter  
(ISO 16890)

HIGH-ENERGY EFFICIENCY  
INDICATION OF FILTER STATUS  
MODERN DESIGN

- LOCATIONS
- OFFICES
- SCHOOL CLASSES
- SUPERMARKETS
- CLINICS
- BOUTIQUES
- EVENTS ROOMS
- THEATRES
- CINEMAS
- RESTAURANTS
- KITCHENS
- MUSEUMS
- EXPOSITIONS

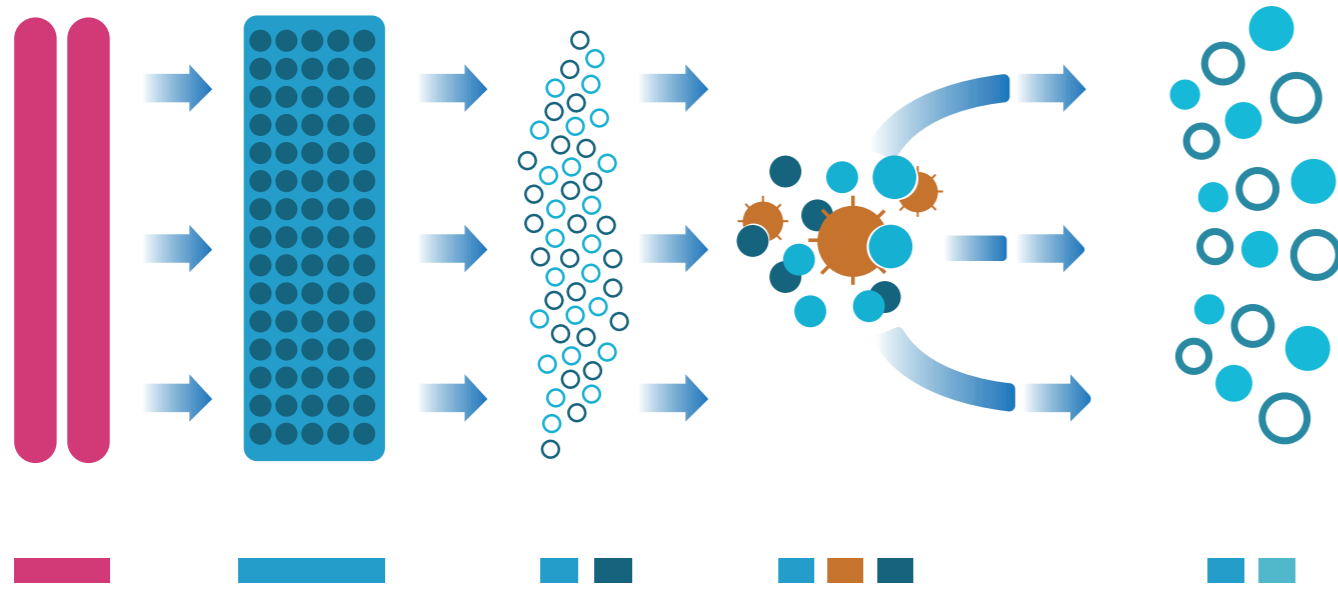
TECHNICAL SPECIFICATIONS  
DIMENSIONS -700X500X1900MM  
AIR FLOW  
H13 FROM 800 TO 1600 MC/H  
H14 FROM 800 TO 1400 MC/H  
POWER SUPPLY - 230V/50HZ  
ELECTRICAL CONSUMPTION  
200-300 W  
WITH OPTIONS 250-350 W

## ACTIVE SANITIZATION

This technology, known as Photocatalytic Oxidation, has been developed and used for sanitization in aerospace applications, mainly requiring a high quality and healthy air.

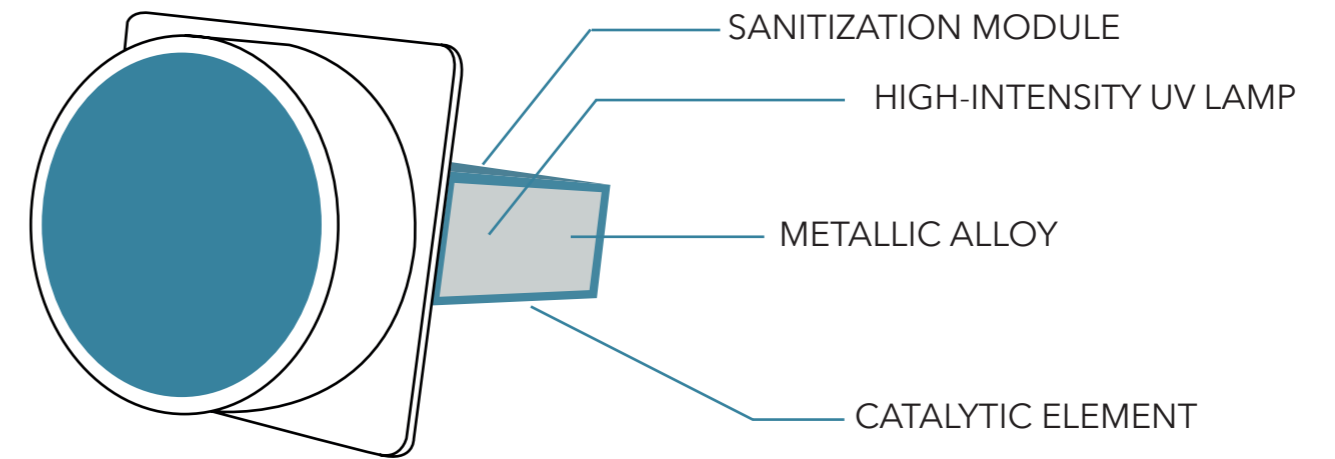
The oxidation reproduces a natural process so called photocatalysis that, thanks to the reaction between solar UV radiations, air humidity and some natural metals in the environment, is able to eliminate most of the toxic and pollutant compounds.

By means of a natural activated element, this photochemical reaction removes contaminants such as virus, bacteria and moulds, since hydrogen peroxide, deriving from the photocatalytic reaction, in small non-toxic quantities, is very effective for destruction of contaminants, both in the environment and on surfaces.



## THE MODULE

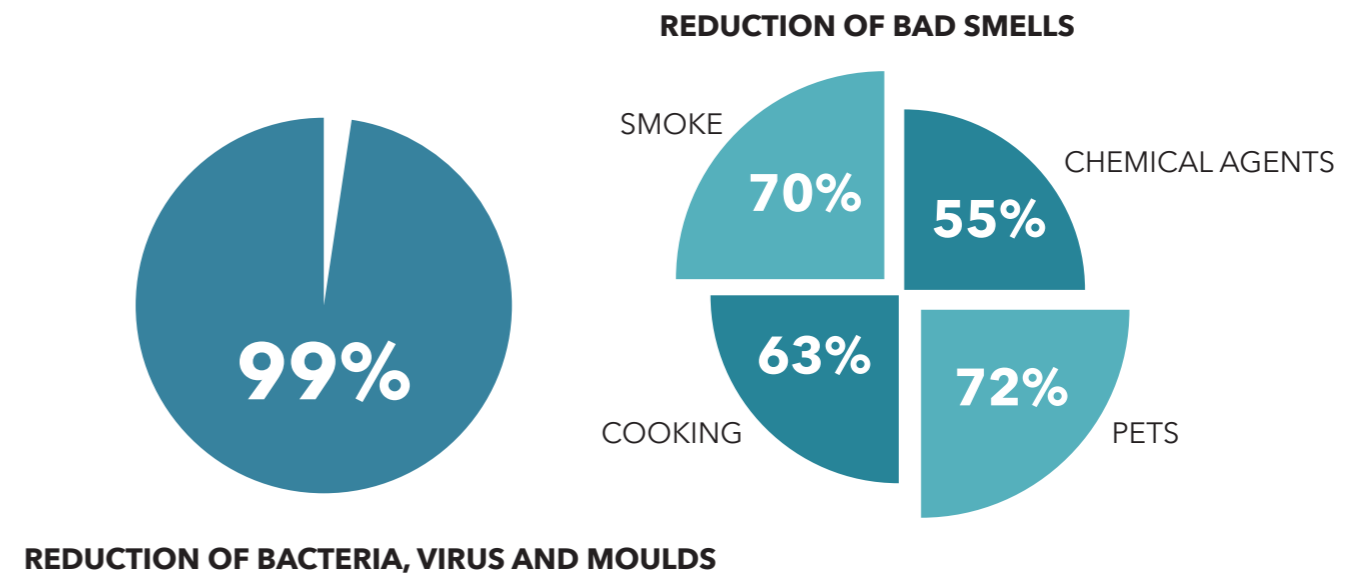
The active sanitization module combines the action of a special UV lamp with a catalysing element in metallic alloy, mainly realized by titanium dioxide and other metals in lower percentage. Metals crossed by UV rays cause a photocatalytic reaction, producing hydroxyl radicals and a minimum percentage of hydrogen peroxide. The airflow crossing the sanitization module spreads out radicals in the environment, removing all pathogen elements and impurities from the air.



## MAIN ADVANTAGES OF ACTIVE SANITIZATION

- Continuous sanitization so to reduce the risk of contamination and exposition 24/24h.
- Active treatment of locations and surfaces
- Removal of germs, bacteria and virus, causing diseases and allergies
- Removal of bad smells
- Reduction of ultrathin micro particles
- Reduction of dust
- Better air quality

## ACTIVE ACTION



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Future White  
Standard



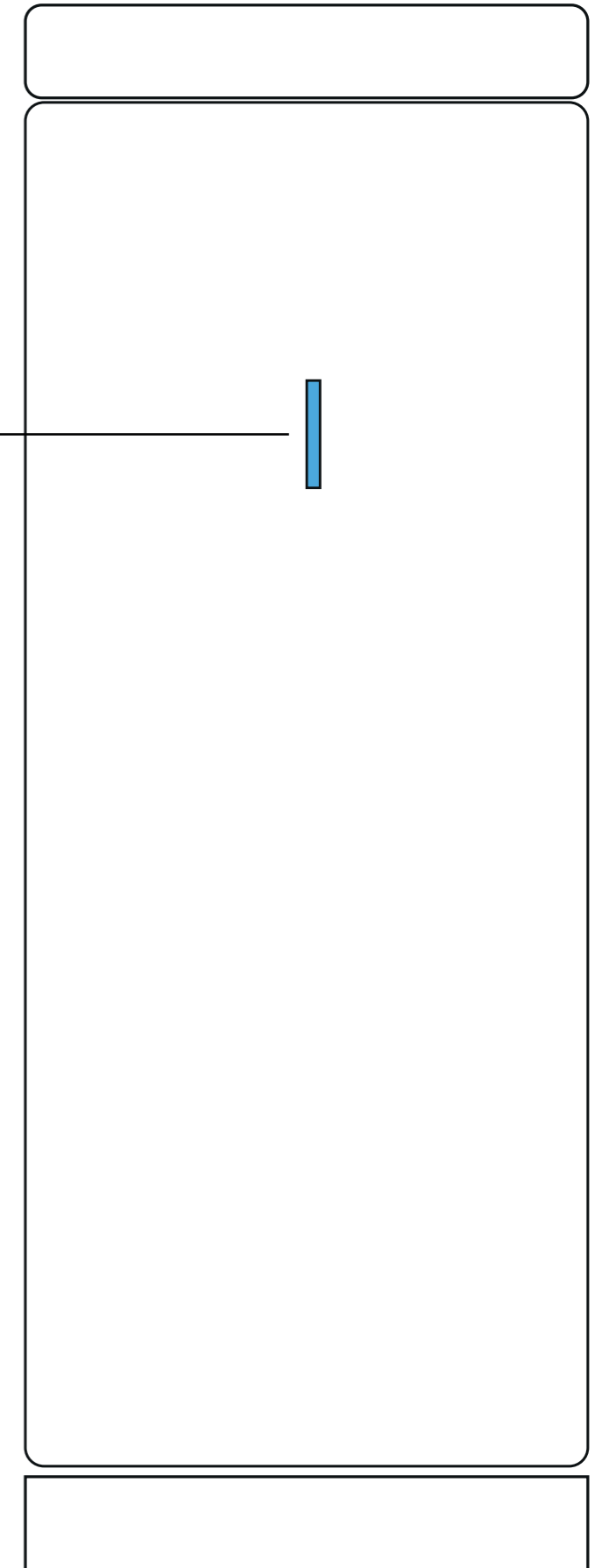
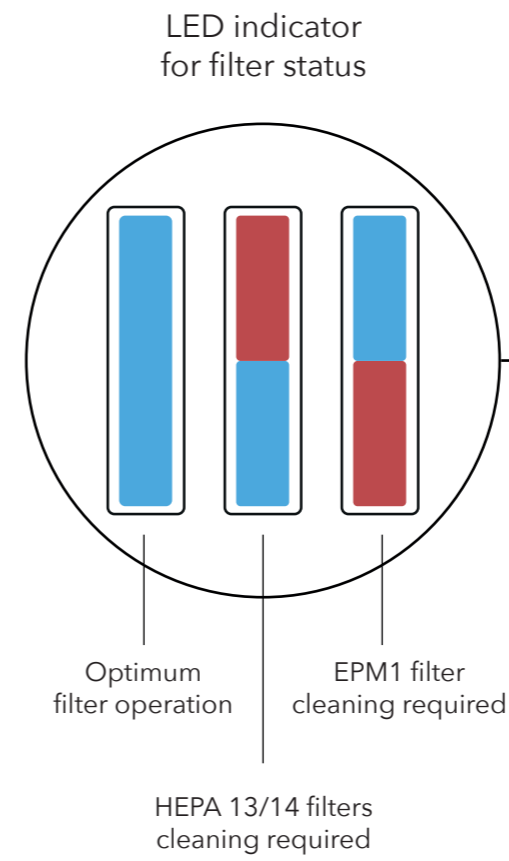
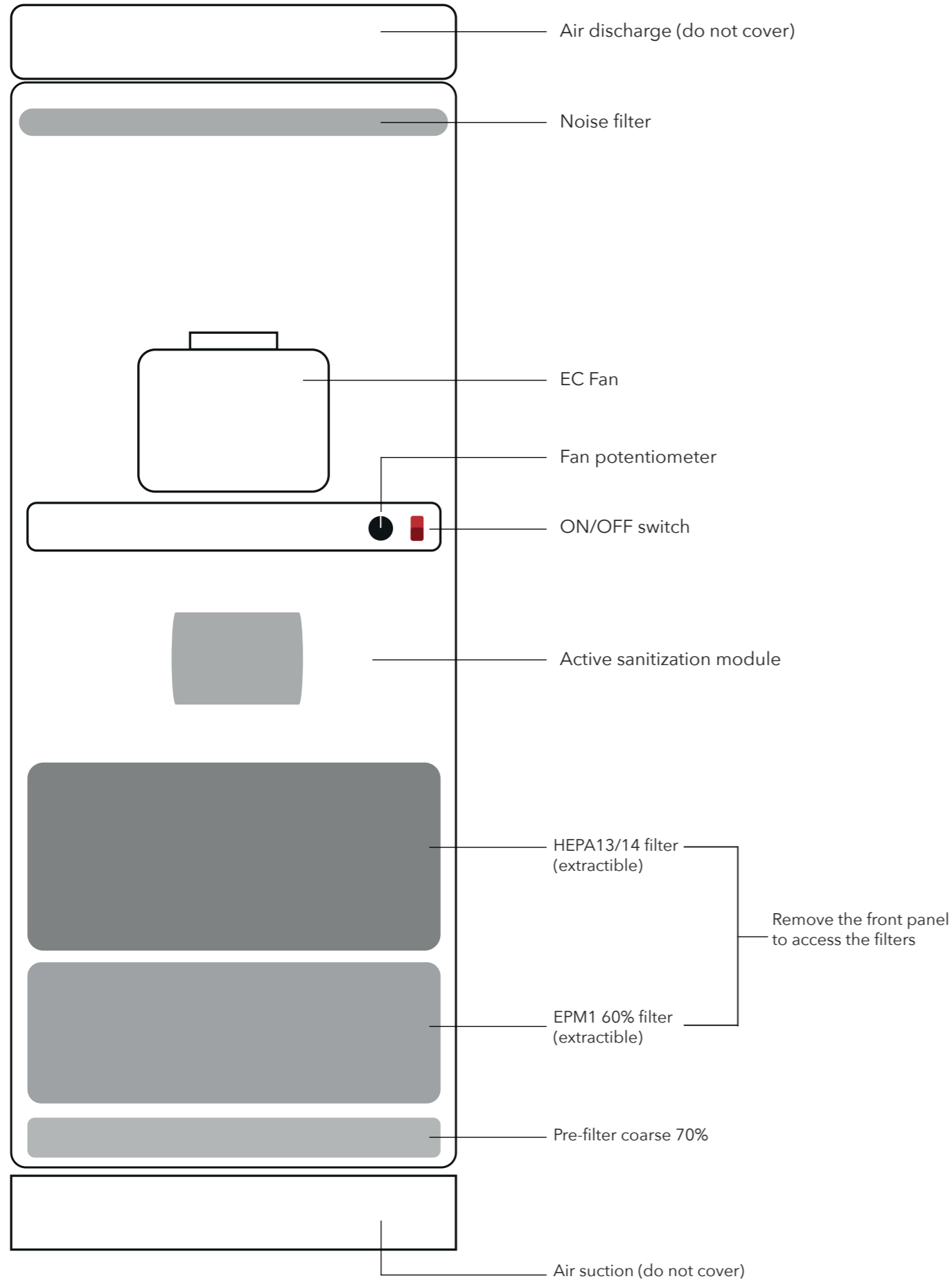
Exclusive Black  
optional



Healthy Pink  
optional



Dressy Blue  
optional



The logo for EMICON, featuring the word "EMICON" in a bold, white, sans-serif font. The letter "O" is replaced by a stylized white eye icon with a black pupil and a white highlight, set against a dark blue background.

**EMICON**

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