

# DEPURO PLUS

# DEPURO PLUS EVO

## Portable air purifiers and sanitisers for commercial and industrial use.

Range of air purifiers specifically designed for commercial and industrial applications (shops, offices, beauty centres, hair salons, dental offices, post offices, waiting rooms, warehouses, etc.) with a surface area up to approximately 160m<sup>2</sup>. They are at the top of their category thanks to their low sound emission and very high filtering capacity, featuring multistage system which includes an absolute HEPA H14 filter, fully compliant with the requirements of the EN1822 standard and capable of retaining 99.995% of particles with dimensions  $\leq 0.3\mu\text{m}$ . The EVO versions combine mechanical filters with a photocatalysis module, used to sanitise the treated air flow.



## USE

**The DEPURO PLUS purifiers are particularly suitable for the purification, while the DEPURO PLUS EVO are also ideal for the sanitisation of the air in domestic, commercial and industrial environments with a surface up to 160m<sup>2</sup>.**

As an example, some of the places where they can be used are analysis laboratories, medical and dental offices, offices, meeting rooms, bars, restaurants, gyms, fitness centres, beauty centres and hair salons, shops, professional offices, pharmacies, RC, schools and kindergartens, warehouses and logistics centres, workshops, etc.



## BENEFITS FOR THE USER

**DEPURO PLUS**  
effective against viruses and bacteria

**DEPURO PLUS EVO**  
also effective against COVID-19

01

### Effectiveness against microorganisms,

thanks to the very high filtering capacity of the pair of HEPA H14 absolute filters, capable of retaining up to 99.995% of microparticles (equivalent diameter 0.3µm).

02

### Effective sanitising action

of the EVO models, thanks to their photocatalysis module, against fungi, bacteria and viruses, and also against the SARS-CoV2 virus responsible for the COVID-19 pandemic, as proven by the tests performed at the Biomedical and Clinical Sciences Department “Luigi Sacco” of the University of the Studies of Milan.

03

### Reduced consumption,

thanks to the high efficiency fans driven by EC motors (brushless).

04

### High-level performances

05

### Low noise emissions,

perfectly compatible with the use in work environments (offices, firms, etc.).

06

### Easily transportable,

thanks to the handle and the 4 wheels equipped with a blocking device for a greater safety of use.

07

### Great robustness,

as a result of the design and construction solutions adopted, starting from the casing, which boasts excellent resistance to impact and corrosion.

08 Simple and intuitive management:

the integrated control panel makes the operation modes setting and filter replacement very easy.

09 Easy installation:

just insert the plug into the electrical outlet. **Plug and Play.**

10 Easy maintenance.

The need to replace the filters is signalled by the control panel. Moreover, filters and photocatalysis module are easily replaceable, thanks to the quick release of the panels.



## TECHNICAL CHARACTERISTICS

### Available models

- 4 models available, with two sizes and the photocatalysis module (only in the EVO models).
- **DEPURO PLUS 230 (code 26061) and DEPURO PLUS EVO 230 (code 26062)** having a maximum flow rate of 460 m<sup>3</sup>/h for environments up to 85m<sup>2</sup>.
- **DEPURO PLUS 430 (code 26063) and DEPURO PLUS EVO 430 (code 26064)** having a maximum flow rate of 860 m<sup>3</sup>/h for environments up to 160m<sup>2</sup>.

### Casing

- Steel bearing structure; external sandwich panel coating (thickness 20mm) with holes on the internal side, thermally and acoustically insulated with melamine (density 11 kg/m<sup>3</sup>), self-extinguishing (class V0 according to the UL94 standard).
- A synthetic rubber gasket, installed in correspondence of the upper edge of the device, that protects against the risk of damage to people and property resulting from accidental contact.
- Side air intake grilles positioned at a height that maximizes the air treatment.
- Purified air delivery at the upper surface of the product.

### Fans

- Centrifugal motor fans with forward blades and auger, double intake, powered by EC brushless permanent magnet motors (the same technology used in the most recent electric cars), speed-adjustable with 0-10V signal.

### Photocatalysis (EVO models)

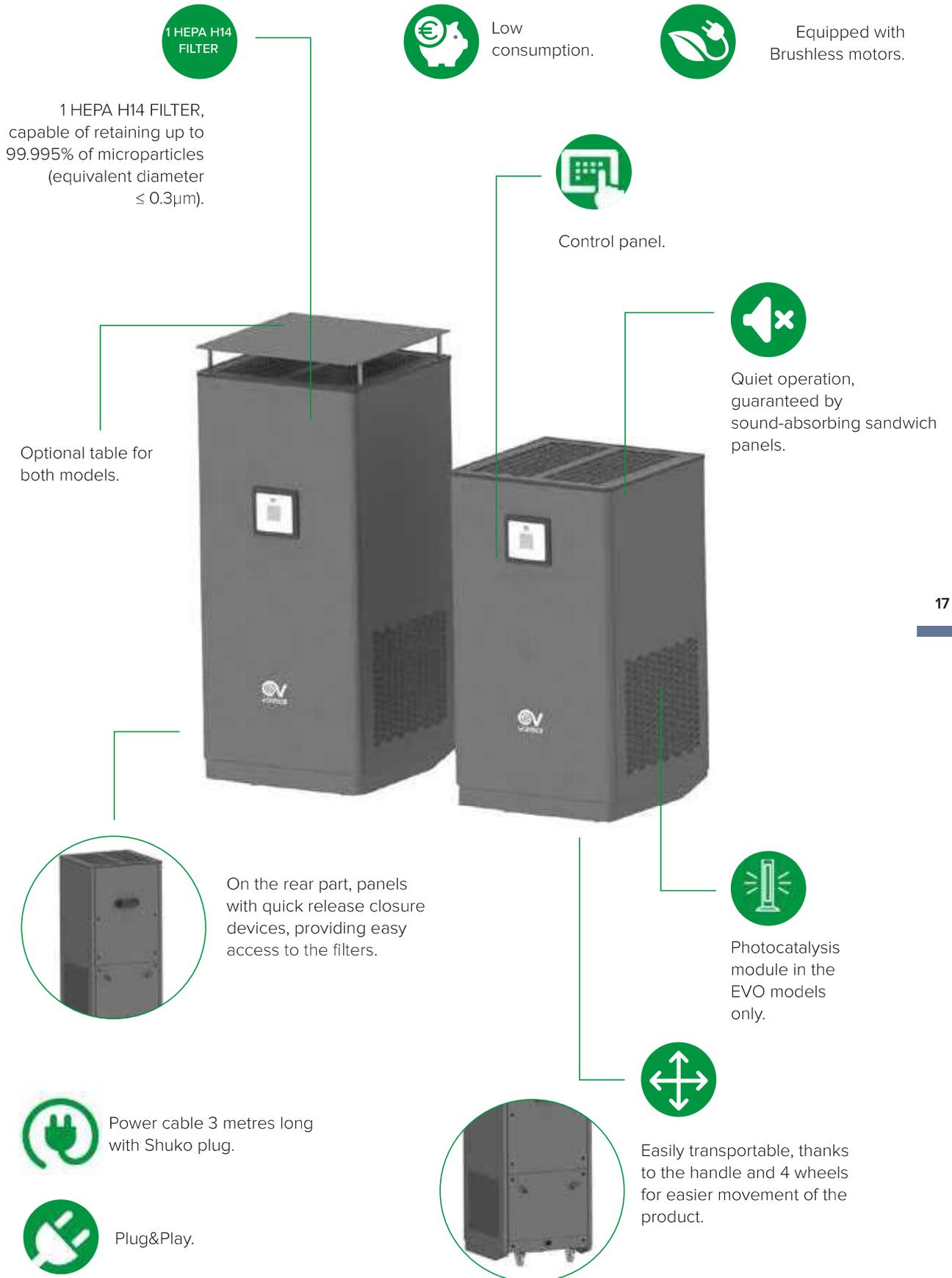
- **The technology of the DUST FREE modules** uses the combined action of the rays of a special **UV lamp** with a catalyst structure built from a metal alloy with honeycomb matrix, mainly composed of **TiO<sub>2</sub> (titanium dioxide)** and, to a minor extent, of other noble metals.

### Filters

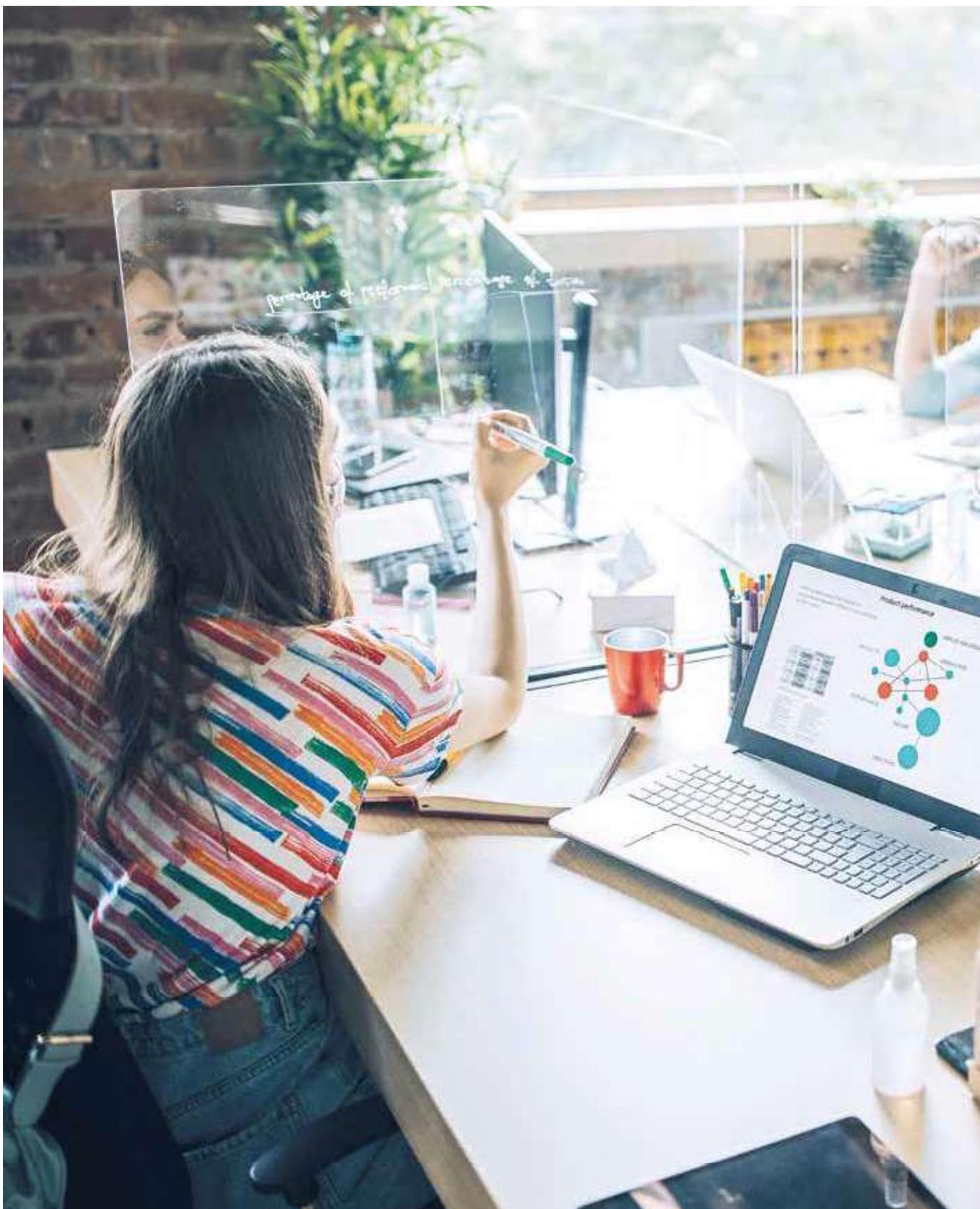
- **Four-stage filtering system** composed of:
  - **2 washable pre-filters;**
  - **2 ePM1 60% (F7) filters;**
  - **1 HEPA H14 class absolute filter, of the planar type for models 230, and multiple dihedral on models 430;**
  - **1 anti-TVOC (Total Volatile Organic Compounds) filter.**
- The pre-filters and the intermediate filter, placed in correspondence of the intake spigots, retain the macro impurities and the particulate in the air, protecting the absolute filter installed above them, which has the task of destroying almost all of the finest microparticulate (99.995% of the micro-dust with nominal dimensions equal to or below 0.3µm), extending their useful life.
- The anti-TVOC filter, placed downstream of the absolute filter, retains bad odour, aldehydes, ozone and volatile organic compounds.
- The actual need for periodic replacement of the filters is indicated on the control panel on the machine.

### Control panel

- Control panel, located at one of the side walls of the product, for:
  - switching on/off;
  - activating/deactivating the photocatalysis module (in EVO models);
  - programming, on a daily basis, the operation of the product, which will automatically switch on/off at the previously set hours;
  - programming, in three time bands, the fan speed so that the ideal compromise between efficient purification, noise emissions and consumption can be reached;
  - programming on a daily basis of the switching on/off of the UV lamp, which activates the photocatalysis process (in EVO models);
  - setting the operating mode: Manual (switching on and off are left to the user) or Automatic (time programming previously set);
  - 10-step adjustment of the treated air flow;
  - indication, distinguished by type, of the occurred saturation of the filters and the consequent need for their replacement.



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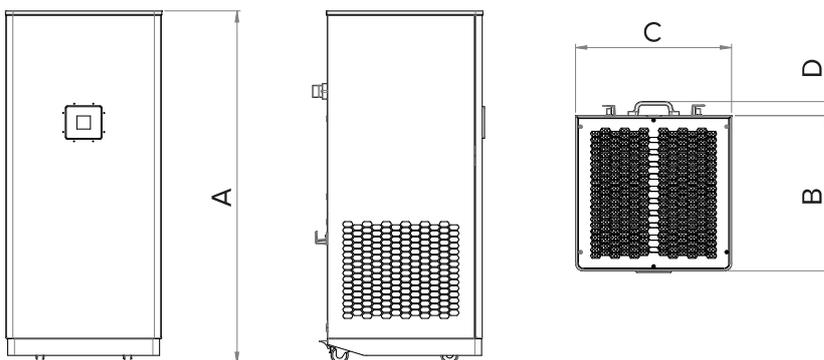


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## Technical data

PRODUCT	CODE	V~50/60Hz	W max	A max	MAX FLOW RATE (m <sup>3</sup> /h)	SURFACES UP TO (m <sup>2</sup> )	Lp dB (A) 6m	TEMP. °C min/max	WEIGHT Kg
DEPURO PLUS 230	26061	220-240	115	0,90	460	85	41,2	-10/40	40
DEPURO PLUS EVO 230	26062								
DEPURO PLUS 430	26063	220-240	225	1,70	860	160	46,7	-10/40	45
DEPURO PLUS EVO 430	26064								

## Dimensions

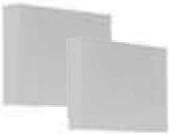


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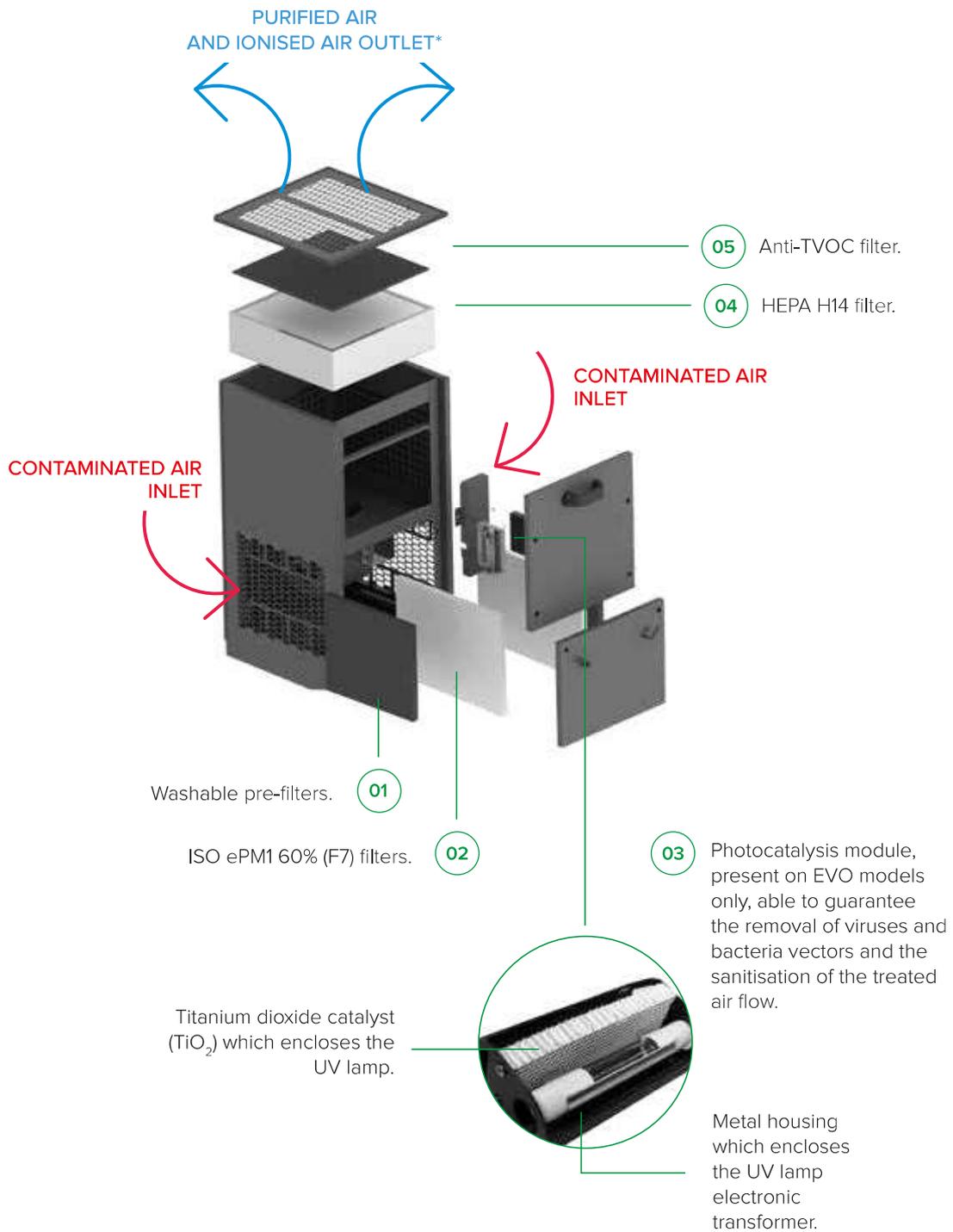
PRODUCT	A	B	C	D
DEPURO PLUS 230	862	457	457	41
DEPURO PLUS EVO 230				
DEPURO PLUS 430	1039	457	457	41
DEPURO PLUS EVO 430				

Dimensions in mm

## Replacement filters

	DESCRIPTION	CODE	PRODUCT	
	<b>2Pre-FTR 340x290x20</b> Pair of Pre-filters.  Dimensions: 340 x 290 x 20	<b>13138</b>	<b>26061</b> <b>26062</b> <b>26063</b> <b>26064</b>	
	<b>2FTR-ePM1 60% (F7) 300x400x23</b> Pair of ISO Coarse 60% (F7) class filters.  Dimensions: 300 x 400 x 23		<b>13139</b>	<b>26061</b> <b>26062</b> <b>26063</b> <b>26064</b>
	<b>FTR-H14 400x400x115</b> H14 class absolute filter.  Dimensions: 400 x 400 x 115			<b>13140</b>
	<b>FTR-H14 400x400x292</b> H14 class absolute filter.  Dimensions: 400 x 400 x 292		<b>13141</b>	
	<b>FTR-TVOCS 386x376x7</b> Anti-TVOC filter.  Dimensions: 386 x 376 x 7	<b>13142</b>	<b>26061</b> <b>26062</b> <b>26063</b> <b>26064</b>	

## EXPLODED VIEW OF THE FILTERING AND SANITISING SYSTEM\*



\* The sanitisation module is installed on EVO models ONLY.