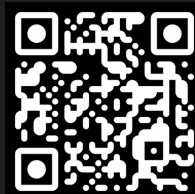


EPUREX 1000-3000-5000

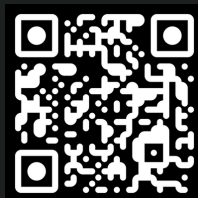
VOCs, ODOR, DUST, AND GASEOUS POLLUTANT TREATMENT



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EPUREX 1000

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VOCs, Odor, Dust, and Gaseous Pollutant Treatment

EPUREX 1000



Ideal for

Welding smoke

Brazing fumes

Dust

Solvents and vapors

Odors

Gaseous pollutants

Technical Specifications

ePUR EX		1000
Max. Airflow	m ³ /h	350
Connection Diameter	mm	50
Max. Suction	Pa	10,000
Supply Voltage	V	230
Power	kW	1.1
1st Filtering Surface (F9)	m ²	2.2
2nd Filtering Surface (H13/14)	m ²	2.8
3rd Filtering Surface (Charcoal)	kg	3
Protection Class		IP 55
Measurements (L/W/H)	mm	436 x 527 x 638
Weight	kg	58
Noise Level	dB	62

W3 Version (Welding smoke)

No. 710-1113

ATEX Version

No. 710-1111

Areas of Use

- ATEX certified, they are designed for use in ATEX Zone 22
- For vacuuming one or several workstations and/or machines
- Suction via duct or through a suction arm

Versions



Features

- Extraction system adaptable to processes to extract suspended smoke, vapors, or dust
- Powerful EC ventilator adapted for continuous function (24/7), large air volume, progressive volumetric output adjustment
- Modern control technology with device status display and messages for the filters
- EX protection according to ATEX for safe extraction in zone 22: the parts and equipment of the device are electrically conductive
- Connection for remote start/stop control

Benefits

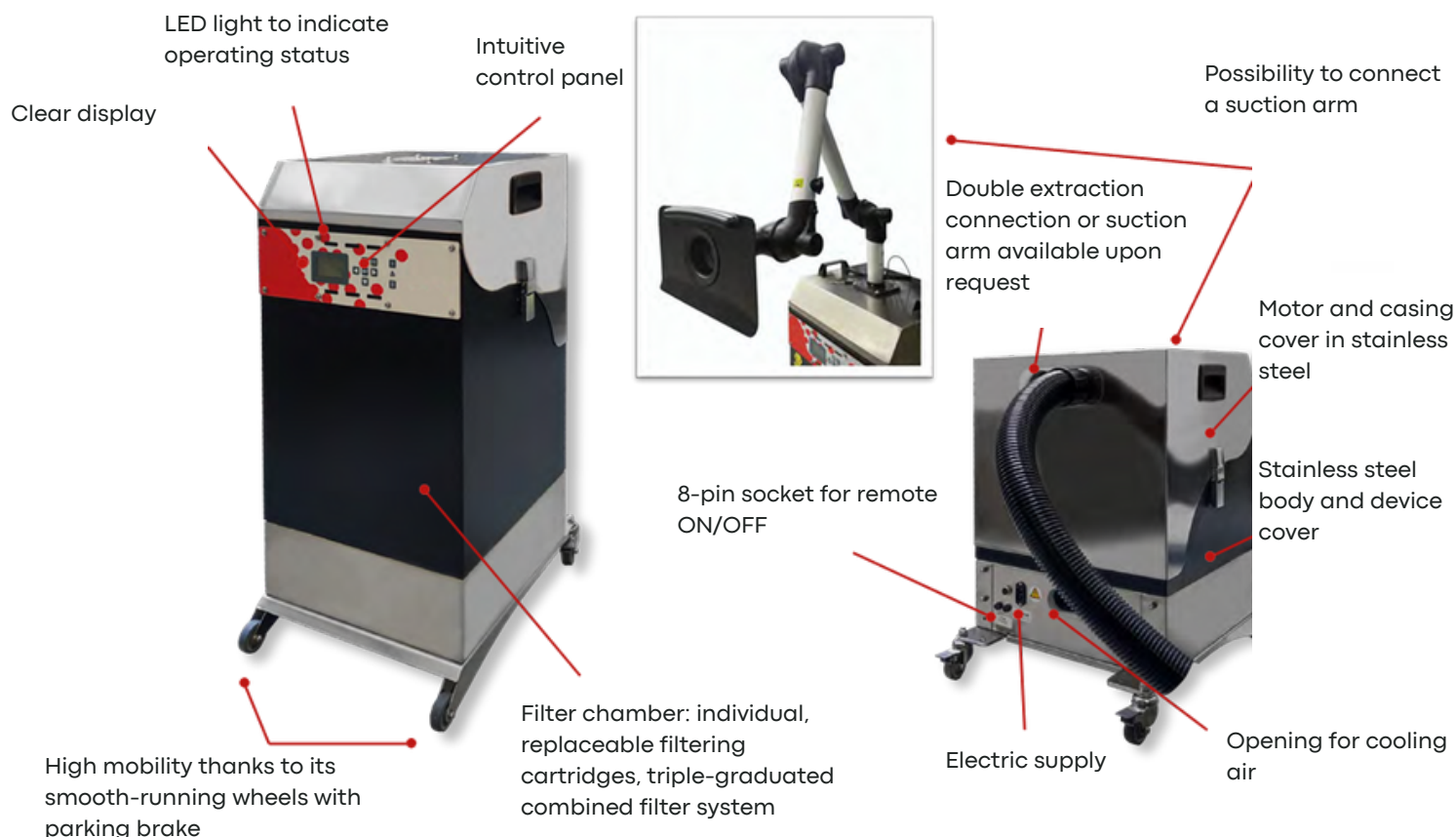
- Reliable filtration thanks to a combined gradual filtration system
- Comfortable filter replacement through a system of 2 to 3 cartridges, each one individually removable
- Elevated quality norms - suitable for a 3-team operation

W3 Version

- Includes an expanded metal filter as a spark suppressor to prevent fire hazards

VOCs, Odor, Dust, and Gaseous Pollutant Treatment

EPUR EX 1000



Technology

Intuitive keyboard controls:

- Individually adaptable device settings, continually adjustable extraction power throughout operation
- Device status display and warnings are in the form of easy to understand and intuitive pictograms:

-Filter status

-Malfunctions and warnings are easily recognizable at a glance thanks to the color-changing LED light

- Remote control ON/OFF connection
- Connection to external controllers or devices: 8-pin socket for remote on/off switching. Operating status and error message signals can be transmitted potential-free or with 24 V. The corresponding connector is available as an accessory.



VOCs, Odor, Dust, and Gaseous Pollutant Treatment

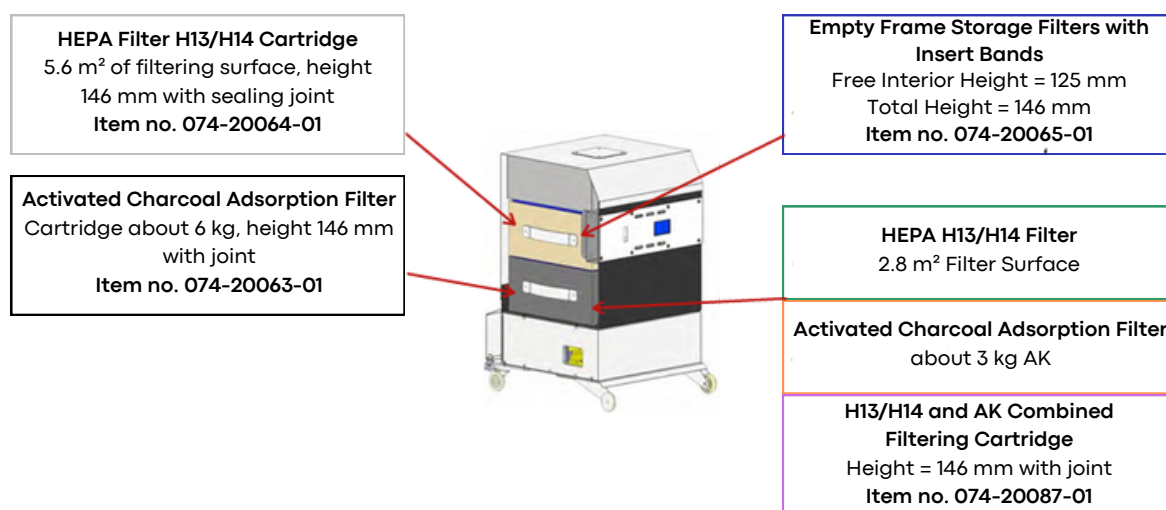
EPUR EX 1000

Replacement Filters for ePUR EX 1000

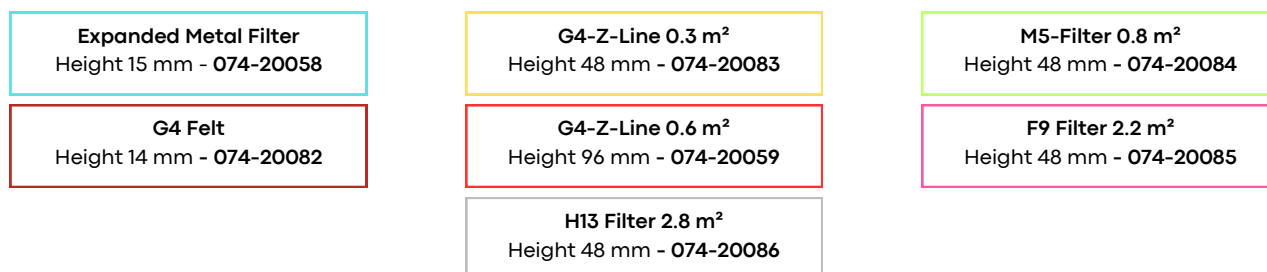
The HEPA filters and the adsorption filters are composed of a stable MDF casing with completely incinerable joints. Thanks to their distinctive design, they can be combined according to application and disposed of separately according to load.

As a storage filter, an empty frame can be equipped with the appropriate filtering inserts. The usage of a deployed metal filter is necessary for the W3 version. (Combined with the storage filter, empty frame + filter insert + deployed metal filter).

Filter Combinations for ePUR EX 1000

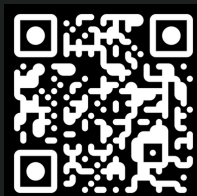


Appropriate Inserts for Storage Filters



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VOCs, Odor, Dust, and Gaseous Pollutant Treatment

EPUR EX 3000



Areas of Use

- ATEX certified, they are designed for use in ATEX Zone 22
- For vacuuming one or several workstations and/or machines
- Suction via duct or through a suction arm

Versions



Ideal for

Welding smoke

Solvents and vapors

Brazing fumes

Odors

Dust

Gaseous Pollutants

Technical Specifications

ePUR EX		3000
Max. Airflow	m ³ /h	460
Connection Diameter	mm	50
Max. Suction	Pa	10,000
Supply Voltage	V	230
Power	kW	1.1
1st Filtering Surface (F9)	m ²	2.5
2nd Filtering Surface (H13/14)	m ²	5.6
3rd Filtering Surface (Charcoal)	kg	5.8
Protection Class		IP 55
Measurements (L/W/H)	mm	430 x 400 x 996
Weight	kg	65
Noise Level	dB	62

W3 Version (Welding smoke)

No. 710-1132

ATEX Version

No. 710-1131

Features

- Extraction system adaptable to processes to extract smoke, vapors, aerosols, or dust
- Powerful EC ventilator adapted for continuous function (24/7), large air volume, progressive volumetric output adjustment
- Modern control technology with device status display and messages for the filters
- EX protection according to ATEX for safe extraction in zone 22: the parts and equipment of the device are electrically conductive
- Connection for remote start/stop control

Benefits

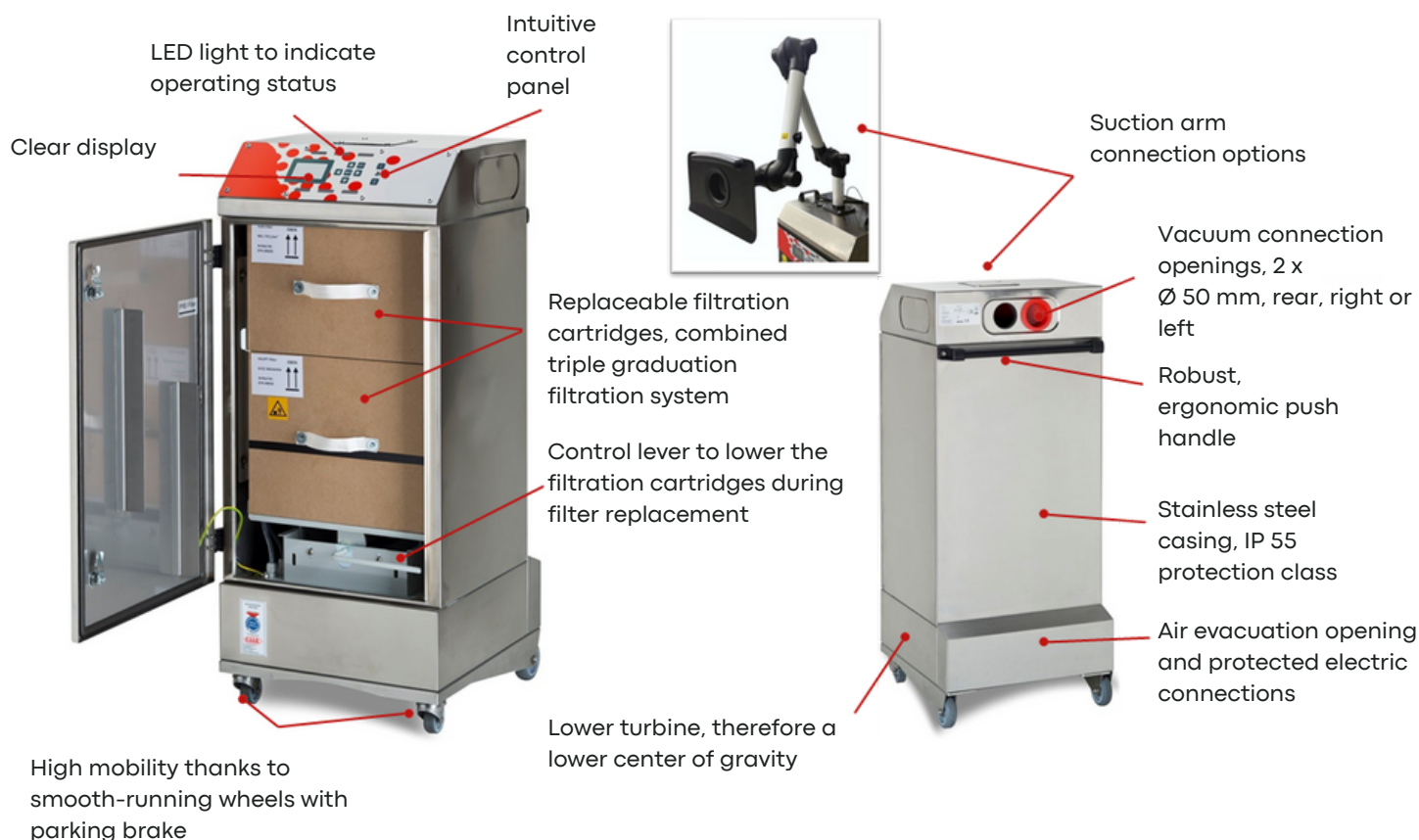
- Reliable filtration thanks to a combined gradual filtration system
- Comfortable filter replacement through a system of 2 to 3 cartridges, each one individually removable
- Elevated quality norms - suitable for a 3-team operation

W3 Version

- Includes an expanded metal filter as a spark suppressor to prevent fire hazards

VOCs, Odor, Dust, and Gaseous Pollutant Treatment

EPUR EX 3000



Technology

Intuitive keyboard controls:

- Individually adaptable device settings, continually adjustable extraction power throughout operation
- Device status display and warnings are in the form of easy to understand and intuitive pictograms:

-Filter status

-Malfunctions and warnings are easily recognizable at a glance thanks to the color-changing LED light

- Remote control ON/OFF connection
- Connection to external controllers or devices: 8-pin socket for remote ON/OFF switching. Operating status and error message signals can be transmitted potential-free or with 24 V. The corresponding connector is available as an accessory.



VOCs, Odor, Dust, and Gaseous Pollutant Treatment

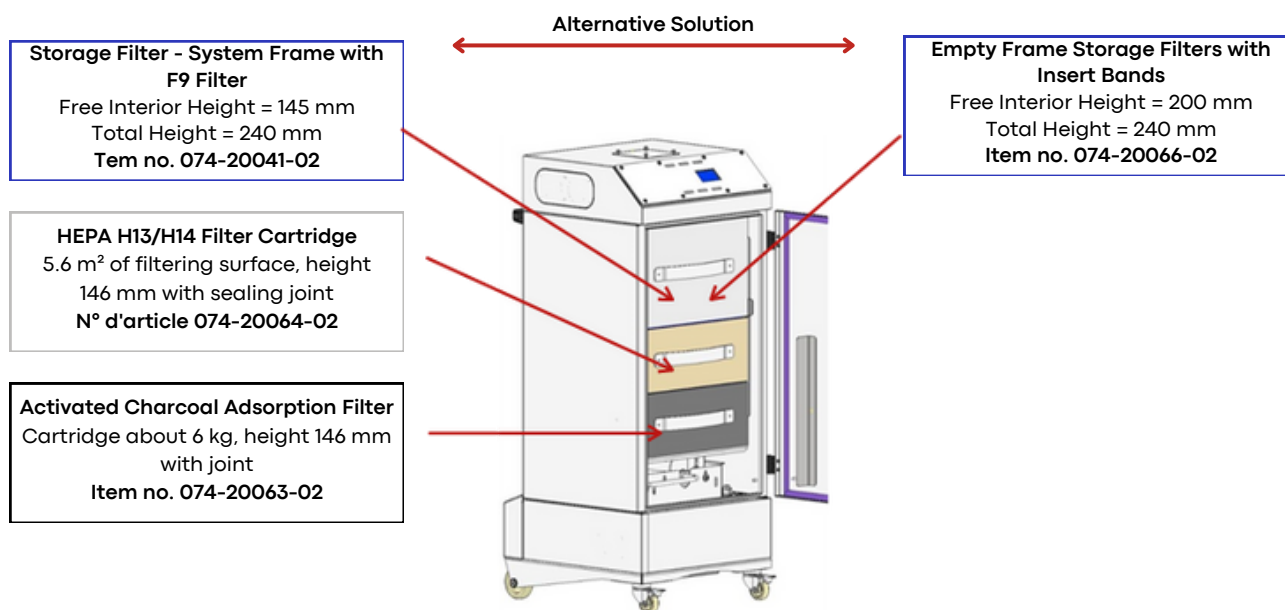
EPUR EX 3000

Replacement Filters for ePUR EX 3000

the HEPA filters and the adsorption filters are composed of a sturdy and sealed MDR casing and are completely incinerable. Thanks to separated variant, the filters can be combined according to application and disposed of separately according to load.

As a storage filter, different variants can be chosen: combined F9/M5 filter cartridge, ready to be used, or various system frames, which can be equipped with different filter inserts based on the application.

Filter Combinations for ePUR EX 3000

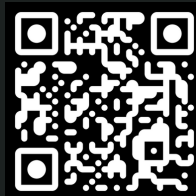


Appropriate Inserts for Storage Filters

Expanded Metal Filter Height 15 mm - 074-20058	G4-Z-Line 0.3 m² Height 48 mm - 074-20083	M5-Filter 0.8 m² Height 48 mm - 074-20084
G4 Fleece Mat Height 14 mm - 074-20082	G4-Z-Line 0.6 m² Height 96 mm - 074-20059	F9 Filter 2.2 m² Height 48 mm - 074-20085
	H13 Filter 2.8 m² Height 48 mm - 074-20086	

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EPUR EX 5000



Areas of Use

- Powerful extraction system used to extract smoke, vapors, aerosols, and odors
- Turbine adapted for continuous operation (24/7) with a large air volume
- Optional: Protected version against explosions according to ATEX or ESD

Versions



Ideal for

Welding smoke

Brazing fumes

Dust

Solvents and vapors

Odors

Gaseous pollutants

Technical Specifications

ePUR EX		5000
Max. Airflow	m ³ /h	2,800
Connection Diameter	mm	150*
Max. Suction	Pa	6,000
Supply Voltage	V	400
Power	kW	2.4
1st Filtering Surface (E10)	m ²	19
2nd Filtering Surface (H13/14)	m ²	20
Speed Control		YES
Protection Class		IP 54
Measurements (L/W/H)	mm	780 x 970 x 1590
Weight	kg	240 (with filter)
Noise Level	dB	75

Standard Version

ATEX Version

ESD Version

710-2014

054-8042

054-8044

Features

- Modern control technology with device status display and messages for the filters
- EX protection according to ATEX for safe extraction in zone 22: the parts and equipment of the device are electrically conductive
- Connection for remote start/stop

Benefits

- Reliable filtration thanks to a combined gradual filtration system
- Comfortable filter replacement through a 2 cartridge system, each one individually removable
- Elevated quality norms - suitable for a 3-team operation

Upgrade (option)

ESD Version

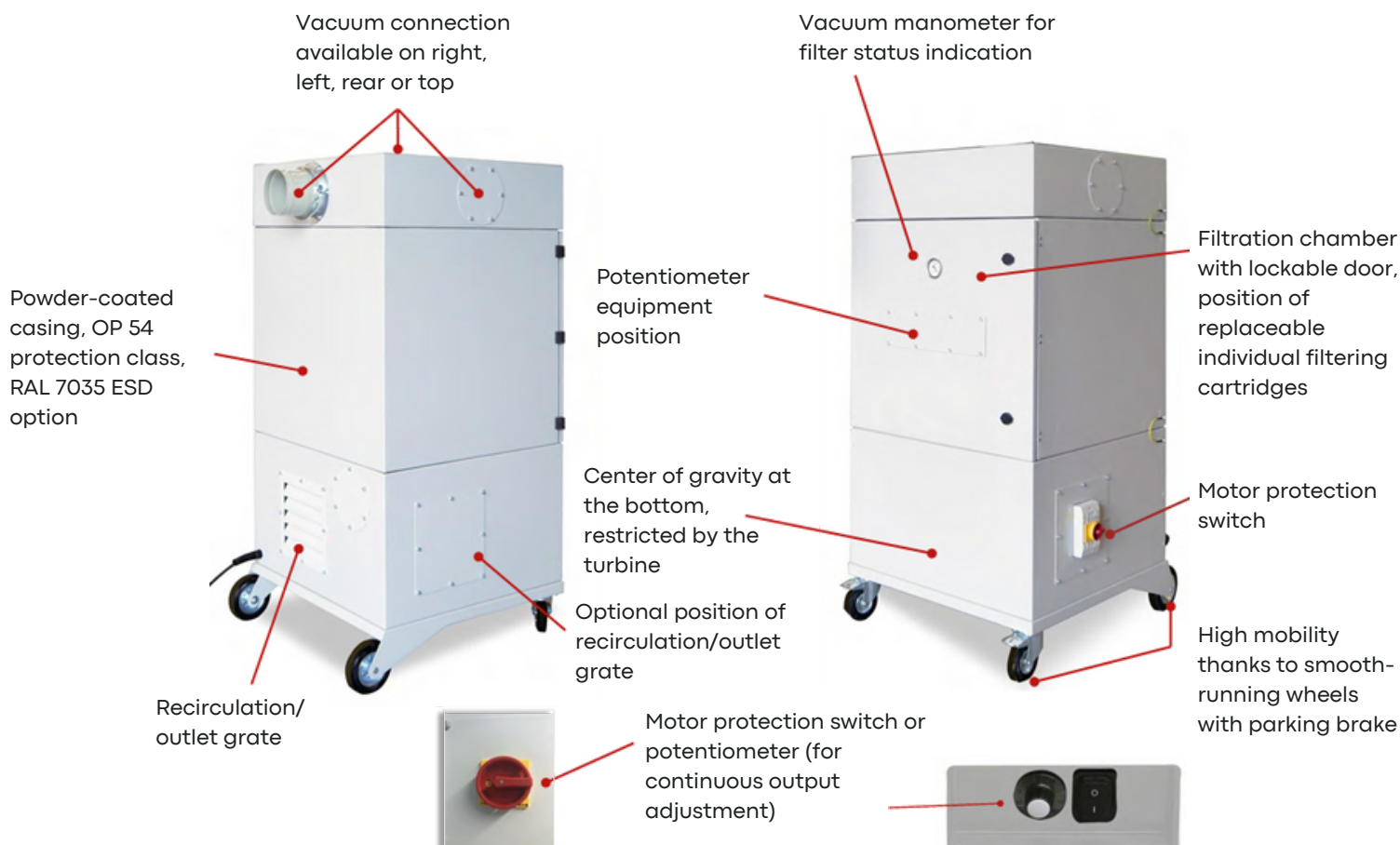
- Fully grounded device, ESD powder coating and ESD rollers.

ATEX Anti-explosion Protection

- For safe extraction in Zone 22 (electrostatic equipment)

VOCs, Odor, Dust, and Gaseous Pollutant Treatment

EPUR EX 5000



Simple Filter Manipulation

The best quality filter for perfect filtration

High-quality filtering materials guarantee perfect filtration, in such a way that the evacuated air is also removed in complete safety of dust and other substances.

Each filter is individually tested and certified.

The HEPA filters and adsorption filters installed in the stable MDF casings are entirely incinerable.

Filter replacement is simple thanks to the separatable version. They can be combined according to application and disposed of separately according to load.

All of the cartridges have a height of 292 mm and can be combined with one another. Note that: the activated charcoal cartridges are only half of the height (145 mm) due to their weight, this is why 2 parts are necessary.

The filtering mats or deployed metal filters can also be inserted into the filtering frames of which the interior height is free.



Lifting device = separates filters for easy handling during replacement and prevents damage to filter sealing joints.