MAXVAC

MAXVAC MEDI & Pura

Advanced

MAXVAC
Technology

PURA

MEDI 5

MEDI 8

MEDI 10

MEDI 25

The Air Purifiers with built in UV-C light

Research shows that viruses and bacteria remain in the air. Opening a window is not the best solution for "clean" air ventilation since it contains pollutants and particulate matter such as pollen.

Our specially designed air purifiers and vacuum cleaner are equipped with a certified filter system in combination with scientifically proven UV-C technology, thereby creating a dust, bacteria and virus-free space.

Content

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For the calculation of the correct air purifier from the Medi-series in a normal user room (not in a train-tram, bus or plane) we apply the rule that we want to refresh the entire room every 15 minutes.
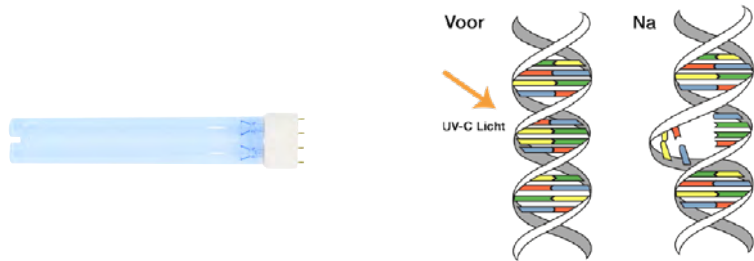
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There are three types of UV rays: UV-A, UV-B and UV-C. The A with UV-A stands for "aging", because it mainly causes skin aging. The B in UV-B stands for "burning", because UV-B rays burn your skin. UV-C radiation is used to change the DNA structures of viruses and bacteria.
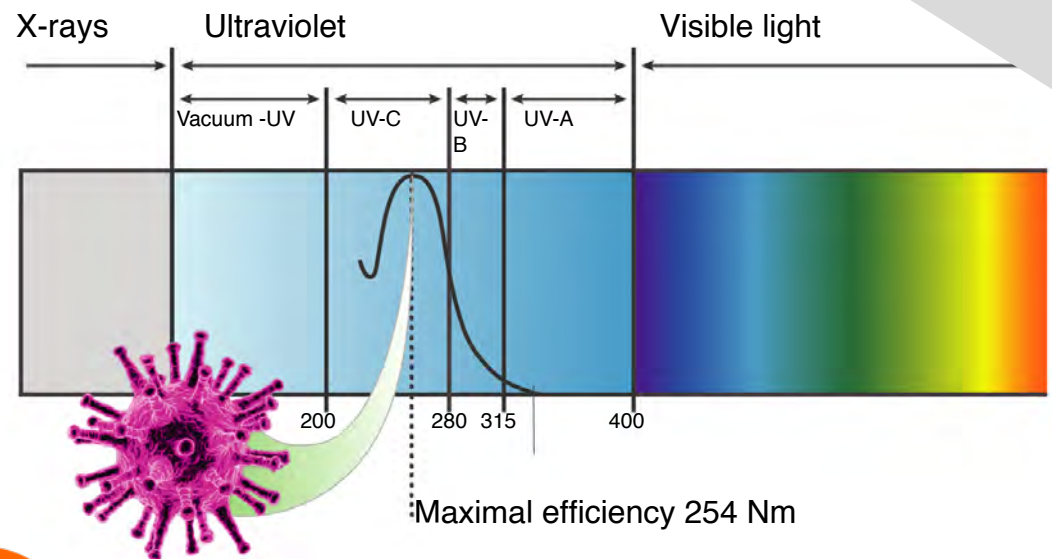
What does UV-C light do?

Voor   Na

UV-C Licht

Verwijdert Micro-organismen

UV-C Technolgy

The energetic UV-C rays have a wave range between 200-280 Nm *. These rays are able to destroy microorganisms, with a wavelength of exactly 253.7 Nm * achieving the best result. UV-C radiation damages micro-organisms such as bacteria and viruses almost immediately. UV-C technology has the following effect on microorganisms: Because microorganisms such as bacteria, viruses, parasites, fungi, house dust mites and spores are exposed to UV-C light, the DNA is changed and can no longer multiply.

This has many advantages for rooms where several people work or meet, it disinfects the air very effectively without emitting ozone.

Laboratories have confirmed that the UV dose required to kill the Coronavirus SARS-Cov-2 is practically the same as for the SARS-CoV (2003).

Light spectrum

X-rays   Ultraviolet   Visible light

Vacuum -UV   UV-C   UV-B   UV-A

200   280 315   400

Maximal efficiency 254 Nm

Geen uitstoot van Ozon

*Nm=Nanometer (1.000.000 Nm = 1 Mm)

MAXVAC Pura

Anti allergy vacuum cleaner with UV-C Technology

Nowadays, in addition to dust, we also have to deal with various types of viruses and bacteria, which move freely through the air and eventually end up on the floor. The MAXVAC Pura vacuum cleaner has been specially developed for these contemporary problems that we encounter when cleaning floors. Equipped with a Hepa-H13 filter, in combination with UV-C technology from MAXVAC, you remove dust from the various floors and you also immediately eliminate viruses and bacteria.
The MAXVAC Pura vacuum cleaner, equipped with a very reliable bypass motor, has sophisticated accessories which, in combination with the lightweight telescopic tube and highly flexible hose, is ready for a long-lasting performance.

Technical data — MAXVAC Pura

Technical data	MAXVAC Pura
Article number	MV100500
Model code	MVPURA230
Filters	H13- UV-C
Voltage	230 V
Power	1000 W
UV-C lamp	9 W
Cable length	6 M
Filter content	4 L
Max. air flow	56L / sec
Weight	8,5 Kg
Suction power	2100 mm Wk
Dimensions max. (Wxdxh) in mm.	350x360x430

Housing

The housing of the MAXVAC Pura is impact resistant and can certainly withstand the toughest job. The patented EASY-DRIVE swivel castors are suitable for uneven floors and even thresholds are no problem.

Filter

The MAXVAC Pura is equipped with a Hepa vacuum cleaner bag and a Hepa-13 filter, which purifies the air up to 99.95% (all dust particles up to 0.3 µm are collected). In combination with the built-in UV-C lamp, you create a dust, bacteria and virus free space.

1   On / off button + adjustable suction power
2   Bag capacity 4 L, with a filter surface of approx. 5000 cm2
3   Patented EASY DRIVE non-marking swivel wheels
4   Impact-resistant exterior
5   Rubber seal (for airtightness)
6   Rubberen stootbumpers
7   UV-C lamp
8   Parking position for squeegee
9   Bypass motor 2100 WK

The MAXVAC Pura is certified for the European market

The MAXVAC Pura comes with an extensive accessory kit, suitable for all common (floor) surfaces. At the rear of the MAXVAC Pura it is possible to easily fit the suction tube with the suction nozzle. The patented easy-drive, non-marking, rubber caster wheels easily role over all types of floors and are ideal for professional use.

Accessoires kit

1   Carpet floors
2   Round attachment with brush
3   Crevice tool
4   Flexible hose with ergonomic handle and suction control
5   Telescopic tube

Optional

Turbo vacuum brush with rotating brush, designed for the removal of dog and cat hair.

Filter system

1   HEPA   filters   4L
2   HEPA - H13 filter
3   Philips UVC lamp

MAXVAC MEDI 5

Air purifier with UV-C Technology

The MEDI 5, like all our products in the Medi range, is equipped with a G3, Hepa, Carbon and UV-C filter. The MEDI 5 is very compact, has a clear display and can be operated via buttons on the machine and with the remote control. The maximum capacity of the MEDI 5 is 260 m³ per hour and is suitable for all types of spaces. Here you can think of office spaces - meeting rooms - sleeping quarters - nurseries - etc.

Capacity

260 m per hour

≤ 25m2*Effective Range

Technical data

	MEDI 5
Article number	C3805001
Model code	MV-MD-05
Filters	G3/H10/Carbon/UV-C
Sound level min-max Display	34 – 56 Db(A)
Adjustable air flow	Ja
Color	Ja – 5 speed
Max. capacity	Black
Voltage	260 m³ per hour
Power	230 V
Dimensions max. (Wxdxh) in mm.	45 W
Weight	225x295x330
Remote control	5.4 Kg
Warranty (not on filters and UV-C lamp)	Ja
	2 jaar

* m2 value is calculated based on a room with a height of 2.6 meters

MAXVAC MEDI 8

Air purifier with UV-C Technology

The MEDI 8, like all our products in the Medi series, is equipped with a G3, Hepa, Carbon and UV-C filter. The MEDI 8 is stylish and very compact. The large round display provides all the necessary information, such as air quality, the position of the fan and the humidity. The MEDI 8 is easy to operate with the push buttons on the machine and / or a remote control. The maximum capacity of the MEDI 8 is 800 m³ per hour and is suitable for all types of rooms. Here you can think of office spaces - meeting rooms - sleeping quarters - hotel rooms - nurseries - etc.

Capacity 800 m³ per hour

≤ 75 m²* Effective Range

Technical data

	MEDI 8
Article number	C3808001
Model code	MV-MD-8
Filters	G3-H13-Carbon-UV-C
Sound level min-max Display	35 – 56 Db(A)
Adjustable air flow	Ja
Color	Ja – 4 speed
Max. capacity	Black/white
Voltage	800 m³ per hour
Power	230 V
Dimensions max. (Wxdxh) in mm.	80 W
Weight	360x360x780
Remote control	15 Kg
Warranty (not on filters and UV-C lamp)	yes
	2 years

* m2 value is calculated based on a room with a height of 2.6 meters

MAXVAC MEDI 10

Air purifier with UV-C TechnologyTechnologie

The MEDI 10, like all our products in the Medi series, is equipped with a G3, H13, Carbon and UV-C filter. The MEDI 10 is robust and stylish at the same time and is the only machine that can be placed in a corner. The MEDI 10 is easy to operate with the remote control. With its 3 positions it can be set to 50% - 70% and 100%. The MEDI 10 indicates when the filters need to be replaced and checks the operation of the UV-C filter. The maximum capacity of the MEDI 10 is 1000 m³ per hour and can only be operated with the remote control, making it very suitable for rooms with several people, such as waiting areas, relaxation rooms, nurseries, schools, restaurants, hotels, shops, gyms, etc.

Capacity
1000 m^3
per hour

≤ 100 m^2*
Effective Range

Technical data

	MEDI 10 C3810001
Article number	MV-MD-10
Model code	G4-H13-Carbon-UV-C
Filters	35 – 60 Db(A)
Sound level min-max Display	Ja
Adjustable air flow	Ja – 3 speed
Color	White
Max. capacity	1000 m³ per hour
Voltage	230 V
Power	280 W
Dimensions max. (Wxdxh) in mm	490x490x1050
Weight	43 Kg
Remote control Warranty (not on filters and UV-C lamp)	Yes - no controls on the machine. 2 years

* m2 value is calculated based on a room with a height of 2.6 meters

From

Capacity
2000 m³
per hour

≤ 200 m²*
Effective Range

MAXVAC MEDI 25|40|60

Air purifier with UV-C Technology

The MEDI 25 is, like all our products in the Medi series, equipped with a G3, H13, Carbon filters and UV-C light. The MEDI 25 is robust and stylish at the same time and has a large capacity due to the 4 separate filter packages. Through a remote control, the MEDI 25 can easily be adjusted to the ideal speed. When the room is empty, the 100% boost can be set at the touch of a button. When it is turned off again, the Medi-25 will reset to its preset function. The MEDI 25 indicates when the filters need to be replaced and checks the operation of the UV-C light. The maximum capacity of the MEDI 25 is 2000 m³ per hour. The MEDI 25 is specially designed for larger spaces with several people, such as waiting areas, relaxation areas, schools, auditoriums, restaurants, hotels, shops, etc.

Technical data	MEDI 25	MEDI 40	MEDI 60
Article number	C3825001	C3840001	C3860001
Model code	MV-MD-25	MV-MD-40-230	MV-MD-60-230
Filters	G3-G4-H13 Carbon-UV-C	G3-G4-H13 Carbon-UV-C	G3-G4-H13 Carbon-UV-C
Sound level min-max Display	30 - 67 Db (A)	30 – 67 Db(A)	30 -67Db(A)
Display	No	No	No
Adjustable air flow	Variabel 30 –75% + 100% boost	Variabel 30 –75% + 100% boost	Variabel 30 –75% + 100% boost
Color	White	White	White
Max. capacity per hour	2000 m³	3600 m³	10000 m³
Voltage	230 V	230 V	230 V
Power	361 W	608 W	1716 W
Dimensions max.(Wxdxh)inmm	650x550x1150	850x690x1530 71	1050x920x2190
Weight	56 Kg.	Kg.	120 Kg.
Remote control	No	No	No
Garantie (niet op filters en UV-C lamp)	2 Years	2 Years	2 Years

* m2 value is calculated based on a room with a height of 2.6 meters

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Filter Systems

All air purifiers in the MEDI series work according to the same principle. We set the air in motion by means of a fan. The air goes back into the room through a coarse filter (G3-G4), Hepa main filter (H10-H13), carbon filter and UV-C light. The combination of a Hepa filter and a UV-C light provides a filtration of 99.95% for dust as well as bacteria & viruses. The recirculation system per room has many advantages compared to ventilation.

- All dust and bacteria are removed.
- No more problems with pollen and / or harmful substances that enter through an open window.
- The temperature in the room remains as it is and no warm or cold air enters. Of course it is important to ventilate, but that is also possible after the space has been used.
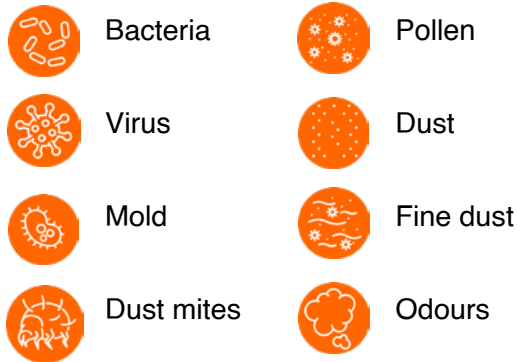
Clean your space with UV-C technology from MAXVAC. The MAXVAC MEDI series is equipped with an H13-HEPA filter, carbon filter and UV-C lamp. The MEDI series is mobile and can therefore be used anywhere. With the Pura vacuum cleaner, you vacuum the deposited particles from the floor and use the same proven HEPA & UV-C technology as in the Medi series.

This combination of MAXVAC cleaners provides the ideal clean environment for the indoor climate.
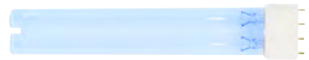
Advantages of MEDI air purifiers

- Virus-free business space
- Healthy working environment
- Improved air quality

- Working safely in clean air
- Stops the invisible spread of viruses,
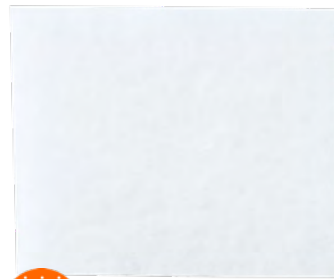- 100% virus control thanks to UV-C technology

Symbol legend

🔴 Bacteria   🔴 Pollen

🔴 Virus   🔴 Dust

🔴 Mold   🔴 Fine dust

🔴 Dust mites   🔴 Odours

The different filter functions

UV-C lamp

The UV-C lamp deals with floating viruses and bacteria. These microorganisms are attacked in the DNA so that multiplication is no longer possible.

G3 Filter

The G3 filter purifies the air up to 85%. The coarser dust particles up to 10 μm are collected here.

G4 Filter

The G4 filter purifies the air up to 90%. The coarser dust particles up to 5 μm are collected here.

H13 - HEPA Filter

The H13 filter purifies the air up to 99.95%. All remaining dust particles up to 0.3 μm are filtered here.

Carbon - Filter

The carbon filter purifies the air of unpleasant odors and gaseous substances, also called volatile organic compunds (VOCs).

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