



LINDHAUS[®]
QUALITY CLEANING EQUIPMENT

HEALTHCARE LINE

AIR PURIFIER



battery



electric



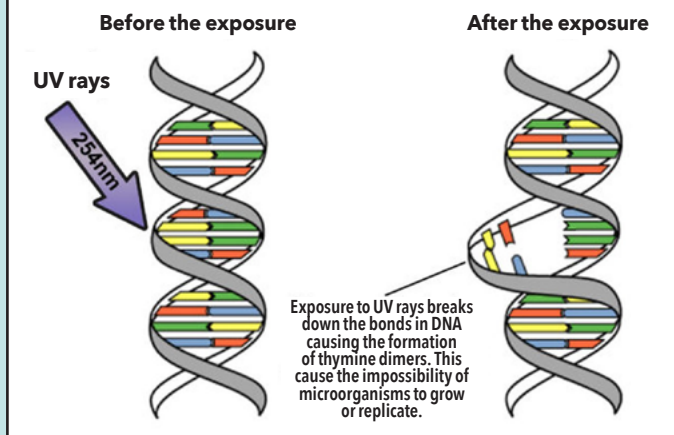
ALWAYS TWO STEPS AHEAD

NOVEL
CORONAVIRUS

**PROTECT
YOURSELF
AND OTHERS**



Effects of UV radiation on DNA



Germicidal ultraviolet radiation uses ultraviolet (UV) light at the **UV-C** wavelength, approximately 254 nm, to modify the **DNA** or **RNA** of microorganisms (viruses, bacteria, fungi, mites) preventing them from reproducing thus being harmful.

In vitro studies have shown that **UV-C** light is able to inactivate **99.99%** of the flu virus in aerosol and **99%** of the N1H1 flu. Other studies have confirmed the germicidal action of **UV-C** rays on pathogens of the Coronavirus family (SARS-COV-2). (National Health Service, report no. 25/2020).

Various bodies and organizations of global importance, such as **OMS, EPA, CDC, ASHRAE**, recommend the use of **UV-C** rays for the disinfection of water, air and surfaces.

UV-C technology is safe and eco-friendly since it does not release waste to be disposed in the environment.



With its **DepurAir** Lindhaus has made the most of all the functions of **UV-C** rays, increasing them:

- Thanks to a 2.5 pm laser particle analyser, **DepurAir** automatically adjusts to the most suitable speed to purify the air in the shortest time based on the quantity of micro-dust detected.
- Inside, the germicidal ultraviolet action takes place in a reflective flow tube with **3 UV-C LED lights**.
- The air, already purified, before returning to the environment, passes through a **HEPA filter H13** impregnated with a germicidal substance that guarantees a filtering efficiency of **99.97%** at 0.3 µm.



STRENGTHS



It filters **190 m³ of air** (= about 70 m² room) per hour.



46/49 decibels: very silent.



LCD display with programming:

- power on
- automatic running
- 4 speeds: night, V2, V3, V4



Depur Air automatically adjusts based on the quantity of detected micro dust.

The air is released into the environment after passing through the **H13 HEPA** filter.



100% stainless steel housing.



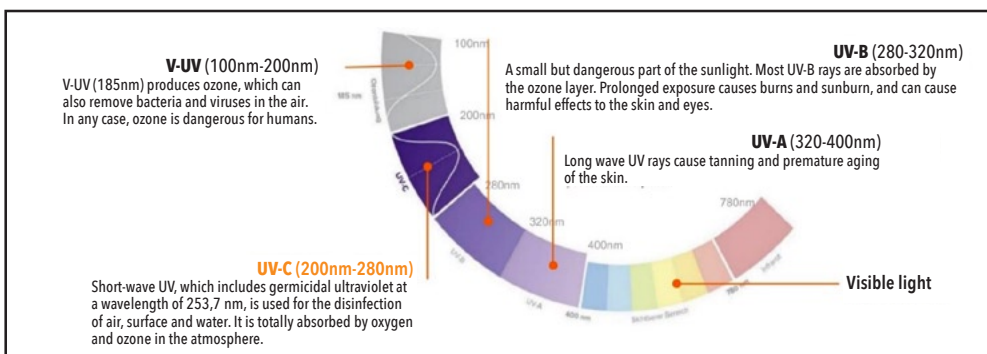
Designed to be used in environments, such as: hotels, restaurants, clinics, shops, offices, car showrooms, hairdressers, wellness centers etc.

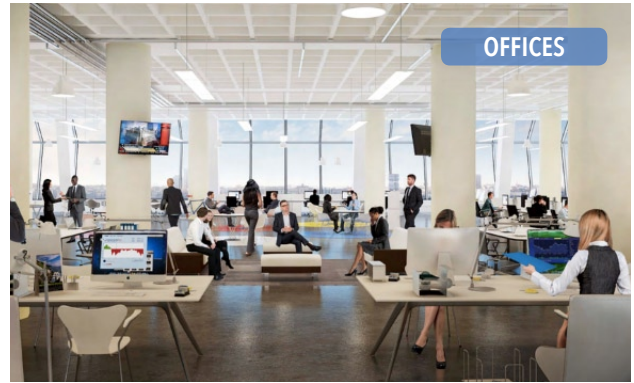


Depur Air battery

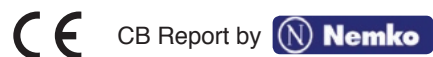
Depur Air battery purifier has the same characteristics of **Depur Air electric** but in addition:

- it is more compact
- it is easily transportable
- unique lithium ion purifier (optional)
- 24V input to be powered in buses and other means of transport





TECHNICAL SPECIFICATIONS	DepurAir electric	DepurAir battery
Working capacity max (m ³ /h)	190	190
Laser particles analyzer PM2.5	Standard	Optional
Environment micro dust particles indication	Standard	Optional
LED UV-C lights (n.)	3	3
Sterilization level UV-C	99.9%	99.9%
Hepa filter H13 filtration efficiency 99.97% at 0.3 μm	Standard	Standard
Environmets sanitation time m ² /h (sq.ft/h)	70 (753.5)	70 (753.5)
Voltage/Frequency (V/Hz)	220-240/50-60	24DC, Batt. 18V
Input power max (W)	20	20
Working time with cable at max power (h)	24/24	24/24
Noise level min. max db(A)	46 - 49	46 - 49
Li-ion battery 18V-5Ah	-	Optional
Battery charger V.100-240/50-60 - 21V DC - 4A	-	Optional
Working time with battery (h)	-	6
Battery recharging time (min.)	-	90
LCD display	Standard	Standard
Discharge battery indication	-	Standard
Hepa filter replacement indication	Standard	Standard
UV-C replacement indication	Standard	Standard
100% stainless steel housing	Standard	Standard
ABS fire retardant V0 parts	Standard	Standard
Weight Kg (lb)	11.2 (24.7)	8.6 (19)
Dimensions mm (in)	290x180x750 H (11.4x7.1x29.5 H)	290x180x380 H (11.4x7.1x15 H)



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DEALER STAMP

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