

fuga^{evo}



HAND DRYER WITH ELECTRONIC SENSOR

fuga^{evo}



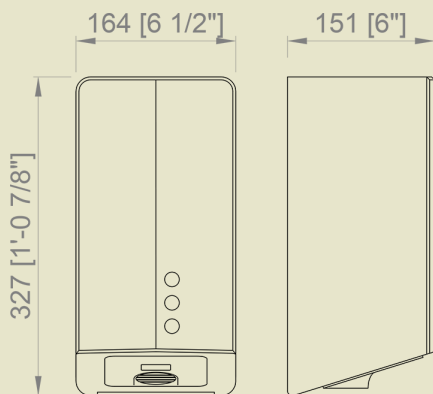
3 YEARS
OF WARRANTY

01831.UV.S

Material
AISI 304 stainless steel

Finish
Satin

Ultra fast drying. Eco-efficient, compact design and minimal thickness. Activated by sensor. Available in four finishings: satin, polish, black and other colors.



01831.UV.B

Material
AISI 304 stainless steel

Finish
Polish



01831.UV.N

OTHER COLORS



GENERAL CHARACTERISTICS

Dimensions	327 x 164 x 151 mm
Weight	4,7 Kg
Operation	Electronic sensor
Voltage	220 - 240 V-
Frequency	50 - 60 Hz
Power consumption	3,5 A
Electrical isolation	Class I
Protection index against ingress of dust and water	IPX1
Automatic stop for vandalism	YES
HEPA filter	YES
UVC Led light	10 x 1W

MOTOR

Power	800 W
Speed	35000 rpm
Type	Universal
Electrical protection	Safety heat limiter
BENEFITS	
Air temperature (20°C ambient)	40°C a 10 cm
Airspeed	305 Km/h
Estimated drying time	10-12 seconds
Noise level at 2m	72 dbA

MAIN TECHNICAL FEATURES



The bathroom environment becomes cleaner with the regular use of the hand dryer.

HIGH SPEED

High speed hand dryer with UVC disinfection led light.

LED LIGHT

Totally integrated **inside the hand dryer**. UVC led light only operates when hand dryer is active.

WAVE UVC LED

240 nanometers wavelength UVC led light active against bacteria, fungus, spores and virus.

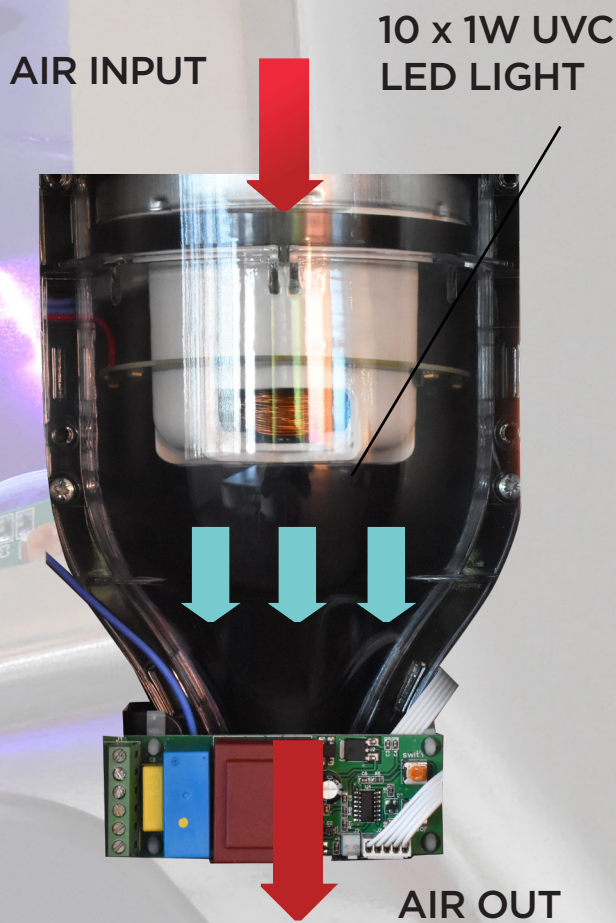
When air passes through the hand dryer all the genetic information (a.r.n. / d.n.a.) of these microorganisms becomes destroyed and inactive.

SAVE DISINFECTION

Led light encapsulated inside the hand dryer and placed at the **right distance from hands** (> 10 cm) to allow a safe disinfection without any health problem to the user.

10 w (10x1 w) led UVC lights placed **inside the hand dryer.**

Led light position defined to keep the same air flow that regular Fuga and Fuga EVO models but allowing the maximum disinfection.



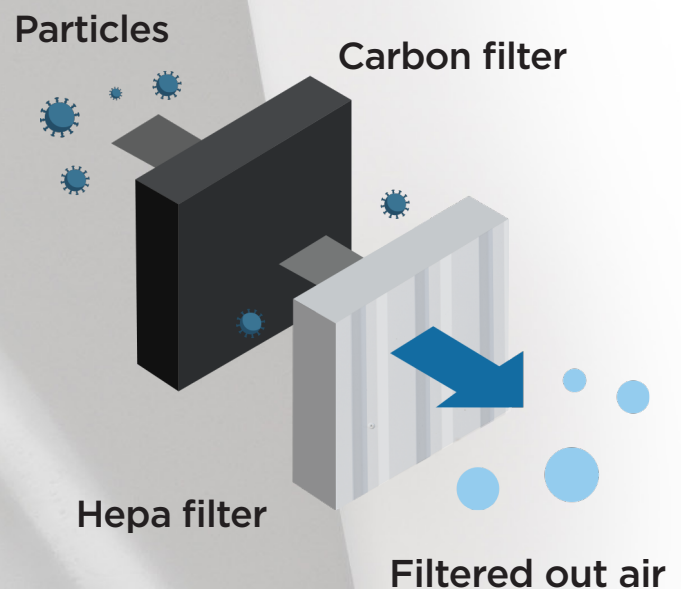
UVC led module irradiates instantly all air flow **without delay** can be produced in fluorescent tubes.

No moving parts which increase operation noise. 10 w (10x1 w) led UVC lights placed the hand dryer.

CHARACTERISTICS OF HEPA FILTER H13

This type of filters are prepared to retain contaminants and small particles, improving the efficiency in the elimination of most of the polluting residues.

NOFER Hepa filter H13 are positioned as one of the main and most effective air filters on the market thanks to their high efficiency and effectiveness of their results by quickly removing 99.97% of the pollutant particles in suspension.





INSC. REG. MERC. DE BARCELONA TOMO 10126, LIBRO 9211, SEC. 2ª, FOLIO 177, HOUA 118942, INSCRIPCIÓN 1ª N.I.F. A-58573734

Declaration Letter

We hereby certify that Ledwave supplies to Co. Nofer S.L. a UVC disinfection module for their hands drying devices.

Ledwave uses UVC disinfecting LEDs certified by the Guangdong Institute of Microbiology in China.

As subscribed by Hiroshima University, Boston University and others UVC LEDs Ultraviolet wavelength is most damaging in the range of 240 to 280nm.

Destroys the molecular structure of DNA (deoxyribonucleic acid) or RNA (Ribonucleic acid) in bacteria and viruses, resulting in the death of growing cells and/or regenerative cells, achieving the effect of sterilization.

With only a UVC irradiation at 3 mJ/cm^2 (0.1 mW/cm^2) resulted in a 99.7% of viable SARS-CoV-2 based on the TCID₅₀ assay.

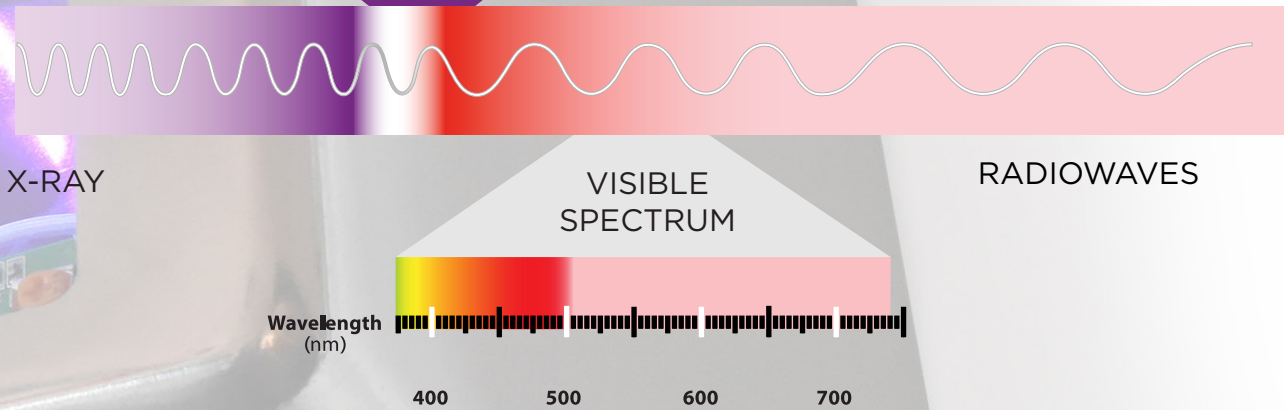
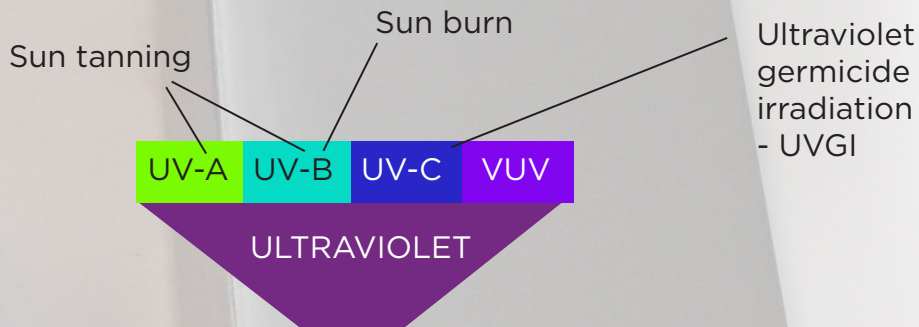
Ledwave's implementation into Nofer's hands drying devices consisting on a power 10watt UVC LED module irradiating **instantly** all air flow consequently deactivates any virus, or batteries **instantly**.

Yours faithfully,

Arnaud Galey / Chief Executive Officer

HOW IT WORKS?

UVC in wavelength between 240 to 280 nm **destroys genetic DNA** information avoiding bacteria, fungus, spore and viruses to grow and replicate.



Nofer led light works at **240 nm** where the germicide **efficiency is maximized**.

