



Introducing Nordic Airier[®]

Ultraviolet Air Sanitizer Built for SARS-CoV-2 Disinfection

The next level in Filtration



 CARE for
COVID-19

Introducing Nordic Airier[®] Ultraviolet Air Sanitizer Built for

SARS-CoV-2 Disinfection ◀

Simplified control panel,
all in ONE place

Bottom air outlet, 360°
adjustable louver

Medical Wheel



UV-1600Pro

LCD Touch screen and
monitoring system

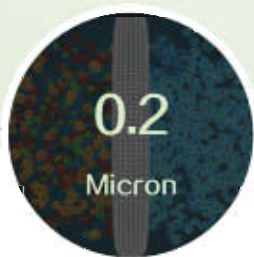


UV-800Lite

Outstanding Performance

Perfect Aerodynamics

Pathogen Free Sanitation



SMART HEPA system
High Efficiency Air
Filtration down to
0.2micron



High Dose up to 60,000
uWs/cm² Destroy virus,
molds, bacteria and all
pathogens



99.9% Virus and Bacteria
Disinfection Assurance



Disinfection area up
to 200m² Airborne
microbes disinfection
and purification

UV-1600Pro / UV-800Lite Microbicidal Air Purifier

UV1600 is a high dosage UV germicidal irradiation sanitizer.

The patented technology provides outstanding air sanitization and air purification. Due to UV1600 patented laminar air intake flow followed by two horizontally opposed sanitizers the airborne microbes can be treated to be sterile to hospital disinfection grade. Recirculation and sanitization help both maintain germs free in healthcare and indoor air quality standards. The patented aerodynamic design pairs with high air flow volume and high-efficiency air purification. The UV1600 is autonomous in setting-up and maintaining free of biohazards between dismantling and assembling the air filters which makes it way safer than other HEPA sanitizers in the market. The patented air sanitization technology corresponding to the UV irradiation dosage of up to 60,000uws/cm² is 12 folds the irradiation dose of disinfecting TB bacteria, 5 folds the irradiation dose of disinfecting the hepatitis virus and 5 folds the irradiation dose of disinfecting the E. coli.

Intermediate to a pair of UVGI sanitizers the 3 stages air filtration accounting for pre-filters, medium filters or HEPA filters horizontally opposed to each other which can clean and disinfect airborne microbial contaminants include viruses, bacteria, fungi, molds and protozoa. The UV1600 mobile system is suitable for a series of applications with the patented adaptable components that can build a negative pressurization room designed to contain harmful airborne microorganisms, making it easy to practice in publics, hospitals, industries, commercial and military scenarios.

UV800 is a high dosage UV germicidal irradiation sanitizer.

The patented technology provides outstanding air sanitization and air purification. Due to UV800 patented laminar air intake flow followed by four horizontally opposed sanitizers the airborne microbes can be treated to be sterile to hospital disinfection grade. Recirculation and sanitization help both maintain germs free in healthcare and indoor air quality standards. The patented aerodynamic design pairs with high air flow volume and high-efficiency air purification. The UV800 is autonomous in setting-up and maintaining free of biohazards between dismantling and assembling the air filters which makes it way safer than other HEPA sanitizers in the market. The patented air sanitization technology corresponding to the UV irradiation dosage of up to 40,000uws/cm² is 12 folds the irradiation dose of disinfecting TB bacteria, 5 folds the irradiation dose of disinfecting the hepatitis virus and 5 folds the irradiation dose of disinfecting the E. coli.

Intermediate to a pair of UVGI sanitizers the 3 stages air filtration accounting for pre-filters, medium filters and HEPA filters horizontally opposed to each other which can clean and disinfect airborne microbial contaminants include viruses, bacteria, fungi, molds and protozoa. Intermediate to a pair of UVGI sanitizers the 3 stages air filtration accounting for pre-filters, carbon filters or HEPA filters horizontally opposed to each other which can clean and disinfect airborne microbial contaminants include viruses, bacteria, fungi, molds and protozoa. The UV800 mobile system is suitable for a series of applications with the patented adaptable components that can build a negative pressurization room designed to contain harmful airborne microorganisms, making it easy to practice in publics, hospitals, industries, commercial and military scenarios.

► Wide Applications



Medical environment:

such as hospital, out-patient dept, fever out-patient ward, medical labs, bio-chemical labs. Virus labs.



Commercial environment:

such as administrative offices, schools, offices, banks, entertainment places, leisure and tourist centers.



Industrial places:

Micro-electronics, chips industry, pharmaceutical industry, food processing, warehouse, OEM factories,



Military places:

air force hospital, military camps, prison. Police training center.

▶ Product highlights



1.9m/6.2ft height

Prevents air short circuiting



Easy to operate and long life time

Low maintenance frequency
No control panel malfunction



LCD Touch Screen-
Optional



Max. 3100rpm German EC centrifugal Fan

Low Decibel < 60dBs@1,000CMH

1600CMH maximum airflow

Perfect Aerodynamics





HEPA Filtration system for Real

High Efficiency Particulate Air Filters up to H14
99.995% @0.2micron



air filters manufactured
and tested following EN
norms of EN1822-4

High Quality UVGI lamps 80,000uWs/cm² Dose, no virus survive

By far the most reliable way of Killing virus and
all pathogens

4 lamps of 75W UVGI



Qualifications



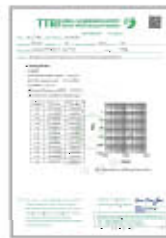
CE Test report



Filter CE certificate



EN1822 test report- Mini-Pleat HEPA TF812160 (EN)



Bacteria disinfection certificate



Virus Disinfection certificate



Air Purifier CADR test report



► General Technical Parameters

Model	UV-1600Pro		UV-800Lite	
Size	1,885mm*685mm*606mm		500mm*500mm*1,460mm	
Weight	100kg		50kg	
Power supply	110V~230V 50/60Hz		110V~230V 50/60Hz	
Operation timer	One		One	
Air flow	850~1600m ³ /h		600~1000m ³ /h	
System resistance	300Pa~400Pa		300Pa~400Pa	
Noise level	56dBA (max. velocity)		56dBA (max. velocity)	
Pre-filters	One		Four	
Mid-filters	Two		One	
HEPA-filters	Two		One	
UVGI lamps	Four		Two	
UVGI dosage	60000 uWs/cm ²		40,000 uWs/cm ²	
Pre-filters life	3 months		3~6 months	
Mid-filters life	12 months		12 months	
End filter life	—		12 months	
UVGI lamps life	9,000 hours		9,000 hours	
Disinfection Area	200SQM	2,152square feet	100SQM	1,076square feet
CADR Value	1600m ³ /h	1000CFM	800m ³ /h	500CFM

► Main components & Descriptions

UV-1600 features

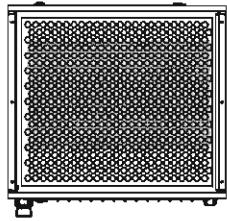
- **Outer casing:** Galvanized steel with white coating RAL9001 Optional with Stainless steel casing, with no cost impact.
- **Power supply:** 110V-230V 50/60Hz, open to CN/EU/AUS/US plug
- **Motor:** High-flow EC motor, Max. With 3100rpm EC centrifugal Fan
- **UVGI Lamps:** 4-off 75W high quality European brand UVGI lamps
- **Air Filtering system:** Primary, medium and High Efficiency Particulate Air Filters per EN779/EN1822
- **Electrical Control System:** Stepless speed adjustor and control button for UVGI lamps
- **UVGI lamp commutator:** Germicidal Lamp Electronic Ballast
- **Filter material/media:** Glass fiber, synthetic fiber : hot melt fiber paper.
- **Wheels:** Total 4 sets of medical level wheels, among which with 2 sets of wheels with breaks

UV-800 features

- **Outer casing:** Galvanized steel with white coating RAL9001.
- **Power supply:** 110V-230V 50/60Hz, open to CN/EU/AUS/US plug
- **Motor:** High-flow EC motor, Max. With 3100rpm EC centrifugal Fan
- **UVGI Lamps:** 2-off 75W high quality European brand UVGI lamps
- **Air Filtering system:** Primary, medium and High Efficiency Particulate Air Filters per EN779/EN1822
- **Electrical Control System:** LCD touch screen+ UVGI Button switch
- **UVGI lamp commutator:** Germicidal Lamp Electronic Ballast
- **Filter material/media:** Glass fiber, synthetic fiber : hot melt fiber paper.
- **Wheels:** Total 4 sets of medical level wheels, among which with 2 sets of wheels with breaks

► Dimensions

UV-1600 Pro



Top View

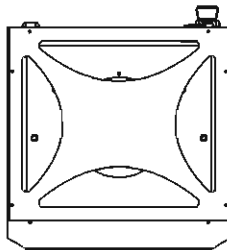


Front view



45° View

UV-800 Lite



Top View



Front view



45° View



► Company Profile

Guangdong Fresh Filter Co.,Ltd (Known as Fresh Filter®) is a leading edge manufacturing company specialized in Air purification field since 2007, The company has developed to a multi-role business entity incorporated with product R&D, manufacture, sales and after sales services.

With more than a decade constant development in reaching technical breakthroughs, Fresh Filter has developed inflaming retarding multifunctional ceiling filters which meet EU standards and codes, Fresh Filter® also developed diverse EU standard filter products such as pre-filter, medium efficiency filter, HEPA filter, activated carbon cloth and filter products series, fiber glass(LH/PA), pocket filter, HEPA filter as well as medium efficiency filter panels. Fresh Filter® products are widely applied in coating production line, automobile, furniture coating booth, high-tech, electronic workshop, surgery operation ward and laboratories.

With a geographical transport network convenience in Danzao,Nanhai Foshan, where close to major Pearl River Delta deep sea ports, Fresh Filter has been expanding solid business worldwide, our product footprint have reached more than 55 countries world wide, such as, the U.S , U,K Japan, Germany, Spain, Swizerland, Italy, Netherlands, Australia, Poland, Russia, Singapore, India, U.A.E, Malaysia, Thailand, Philippines, Chile and etc. In domestic market, we have sales footprint among 23 provinces, 4 major mega cities, and 5 municipalities.

In the future, Fresh Filter® will strive to the vision "to build a cleaner world" .

With market demand driven concept and enhanced entrepreneur spirits to develop and deliver core technic centralized products to worldwide customers. A new era is on its way for Fresh Filter® to grow new business together with our global and domestic clients/ partners.



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