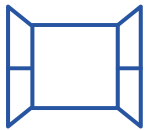


DAIKIN INDOOR AIR QUALITY



Defy your limits

How can we improve **INDOOR AIR QUALITY**



Better ventilation

Most residential air conditioning systems do not have the ability to mechanically bring in fresh air. We can help by opening doors and windows. Ventilation is key to improve indoor air quality by diluting contaminated air with new fresh air.



Cleaning and disinfection of the air conditioning system

Cleaning the air conditioning system and its main elements such as the coil are key to prevent the generation of fungi, bacteria and viruses.



Air purifiers

The effectiveness of an air purifier depends on how good it is at capturing indoor air pollutants (efficiency percentage) and what is its ability to treat air through its cleaning or filtration system (cubic feet per minute).



Cleaning and disinfection of indoor air

Ultra Violet Germicidal Cleaning Lamps (UVGI) can destroy biological contaminants such as viruses, bacteria, and different types of fungi and mold that develop in the humid areas of the air conditioning system such as the coil, drain pan, and ductwork.



Daikin helps you navigate through uncertain times.

No one has information on tests to kill COVID-19, but we have products that help kill similar viruses and other germs.



Total home active air purifier
MICROPURE
FOR DUCTED UNITS
UP TO 5 TONS



Breathe better

The MicroPure[®] Total Home Active Air Purifier uses a unique new indoor air quality process to naturally produce airborne scrubbers that actively seek out and destroy indoor pollutants in the air, on surfaces, and wherever the air goes

Works 24/7 in every room throughout the house

Unique new MX4™ Ionic Oxidation technology, produces an active cloud of air scrubbers that sweep through the home and seek out indoor contaminants. Many pollutants are safely and effectively destroyed even when they have not passed directly through the HVAC system!



Utilizes propriety metallic technology and UV light energy to naturally produce ionic air scrubbers and destroy many indoor pollutants, such as bacteria, viruses, mold, VOC's, mildew, allergens, and odors.



Safely and effectively removes smoke and odors

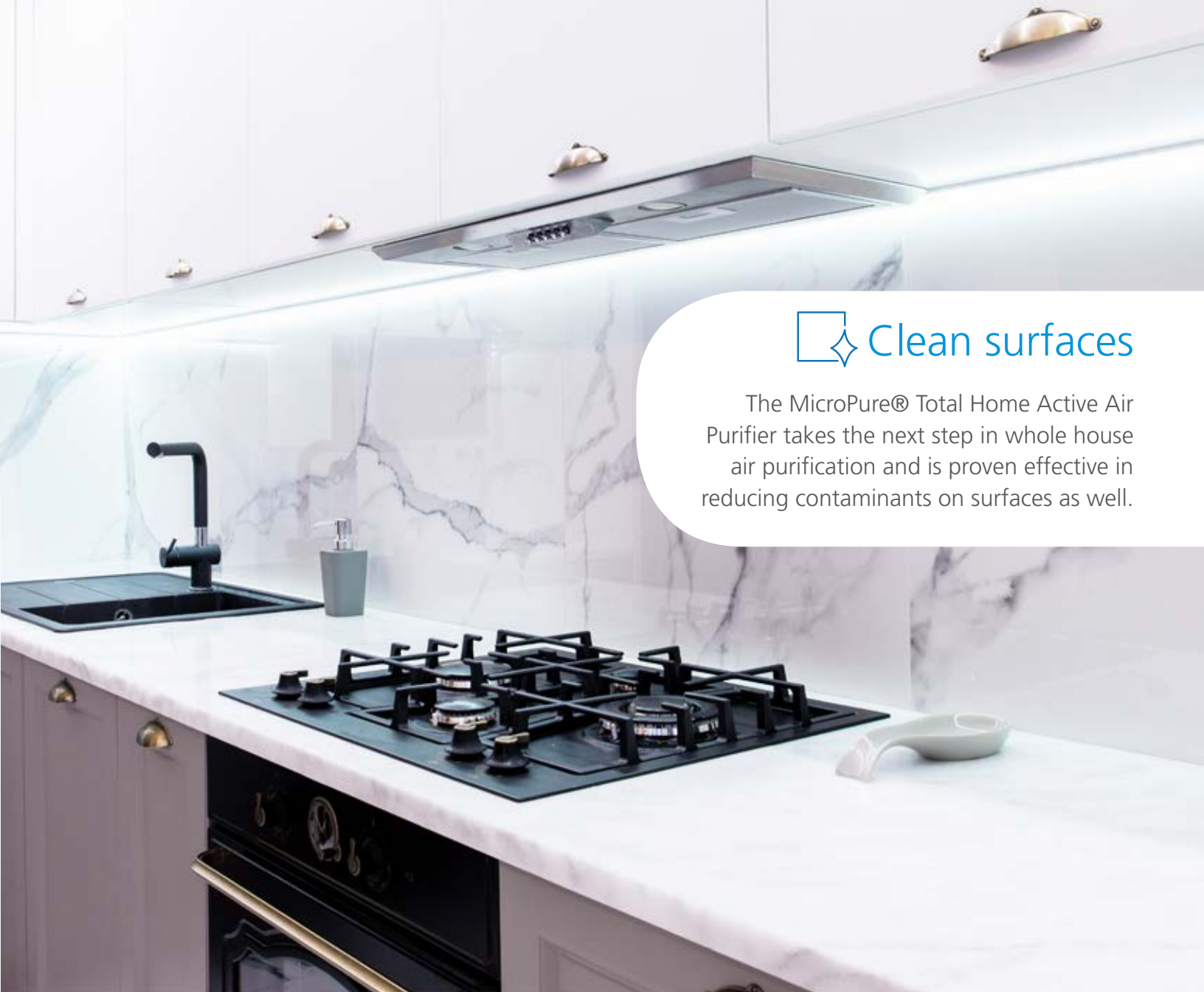
Smoke, VOC's, and odors are some of the toughest indoor pollutants to remove. The special oxidizing powers of the ionic air scrubbers break down these contaminants at their molecular level, throughout the entire home

Eliminates contaminants wherever they hide

Charged MicroPure® ionic air scrubbers attract pollutants like a magnet. Even in areas of your home that have reduced air flow, air scrubbers are still able to seek out and eliminate contaminants. This active approach is what makes the MicroPure® system so effective.



Developed for the International Space Station, MX4™ technology produces positively and negatively charged air scrubbers that attract many contaminants like a magnet. And reduces them!



Clean surfaces

The MicroPure® Total Home Active Air Purifier takes the next step in whole house air purification and is proven effective in reducing contaminants on surfaces as well.

Specifications

Models	Dimensions	Weight	Output	Sizing
9"	6×11×6 inch	3 lb	13.3 W	3-5 TON

Mounting plate dimensions

8×8 inch

Electrical

The MicroPure® air purifier is available in 24V 50/60Hz and 120V/230V 50/60Hz (auto-switching) power supply models. The unit uses a detachable 9.8 ft power cord.

Warranty details

2 Year UV Lamp, 4 Year MX4 Core, 5 Year Power Supply



The ETL mark, short for Edison Testing Laboratories, is, in part, an equipment safety certification program operated by the laboratory, Intertek. Intertek is one of the few NRTLs (Nationally Recognized Testing Laboratories), a third-party testing program which is overseen by OSHA. The ETL Mark includes a number of different variations that are designed to fit within the safety and/or sanitation standards of the product, including the operating and purchasing regions.



Control the air you breathe
LIGHTSTICK UV
FOR AH UNITS OF 3-5 TONS

Best in class UV light technology

Germicidal UV Light works with your home's filtration system 24/7 to optimize indoor air quality by fighting mold and bacteria growth on your system's coil. The LightStick UV utilizes low mercury lamps that are good for the environment and provide high ambient temperature operation. 100% ozone free.



Highest UVC output
compared to all other
24v UV fixtures.

Designed for any residential system

The LightStick UV's professionally engineered injection molded thermoplastic co-polymer high strength ballast design and comprehensive HALT testing provide improved reliability.



› Works in conjunction with your air filter 24/7 to disinfect cooling coils, drain pans, and duct surfaces



› Fights mold and bacteria growth for optimal coil purification



› 24V power module



› Expanded range ballast operates over a range of 20V to 32V and offers 3000V surge protection



› Direct Connect™ custom design allows lamp to be installed directly in A-coil delta plate for optimal UV exposure.



› Custom bracket offer remote mount capability



› Quick disconnect lamp connection enables easy lamp replacement



› PuriFi compatible for real time lamp status alerts (Patent Pending)

Specifications

Dimensions	Weight	Bracket
3.16×4.75×1.75 inch	2 lb	2.25×3.5×3.5 inch
29.233		
15" Length	9,000 Hour life	

Electrical

24V (Expanded Range Ballast: 20V-32V), 50/60HZ. 1.4A.
3000V Surge Protection. 3-FT Power Cord. 4-FT Lamp Cord.

Warranty details

4-year on power module / 1-year on lamp



Ozone free



Water resistant



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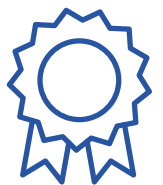
Control the air you breathe

MINISTICK UV

FOR AH UNITS OF 3-5 TONS

Best in class UV light technology

The MINISTICK UV is designed for tight spaces. The fixture is designed with the highest quality components the industry has ever seen from the power supply and lamps to the connectors and cordage. 100% Ozone free.



Highest quality UV light designed for confined spaces such as Ductless Mini-Split applications.

Ideal for any ductless mini-split

Dust Free's MiniStick UV has been designed using the highest quality components in the industry. It has been professionally engineered for HVAC applications. Designed for any Ductless Mini-Split application and other areas where space is a premium.



› Germ Reducing UV Light for Ductless Mini-Split Units



› 9" long by 3/8" diameter miniature shielded UV lamps



› Small enough to fit in tight ductless Mini-Split applications



› High ambient temperature operation



› Comprehensive HALT testing for improved reliability



› Professionally engineered injection molded thermoplastic co-polymer high strength ballast housing



› 2 year bulb warranty and 2 year ballast warranty



› Proprietary clockable lamp mount design for optimizing UV intensity



› Quick release lamp connectors for ease of lamp replacement



› High strength alloy mounting hardware



› High strength / Heavy duty lamp shield to protect lamp from breakage

Specifications

Ballast	Weight	Bracket
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4×1×1.5 inch

0.5 lb

2.25×3.5×3.5 inch

Lamp

9"
Length

0.4"
Diameter

Electrical

120 or 230 VAC

Warranty details

2-year on power module / 2-year on lamp



Ozone free



Water resistant



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Improve indoor air quality

MINI UV LED

FOR MINI-SPLITS



UV Light LED system for mini-splits

Mini UV LED is the first-of-its-kind UV light LED system for mini-splits and similar limited space applications. Like all A/C systems, mini-splits are prone to internal mold growth and microbial contamination, particularly on and near the blower wheel. The LED light strip in Mini UV LED is designed to sterilize surfaces while having no impact on plastic materials.

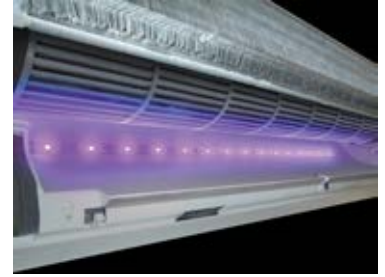


Keep your mini-split system clean

Mold thrives on mini-split blower wheels. The Mini UV LED inhibits mold growth, improving indoor air quality. The LED is quick & easy to install. It also saves energy, reducing maintenance costs, and extending the life of your mini-split system.



Mold thrives on mini-split blower wheels



Mini UV LED inhibits mold growth



› Fits mini-split & ceiling cassette A/C systems



› UV LED spectrum is safe for eyes & plastics



› Replaceable 40" Adhesive LED strip



› 50,000+ hour expected LED life



› LED strip trimmable in 4" increments



› 120-277 VAC power supply



› 5 year warranty on all parts

Specifications

LED strip	Weight	LED life
40×0.375 inch	1 lb	50,000 Hour life

Electrical

120, 230, 277 V ~ 0.47 A, 50/60 Hz

PF ≥ 0.9, THD ≤ 20%

Kit Includes

40" LED strip, LED driver, #8 pan screws, panduit straps, warning stickers, manual

Warranty details

All parts 5 years



Continuous germicidal disinfection

UV247

FOR AH UNITS OF 3-5 TONS

24 Volt germicidal UV Light

UV247™ is the easy way to add germ-killing UV light to any central air system. The kit includes everything you need. Just connect to a low voltage transformer and install the UV light where needed.



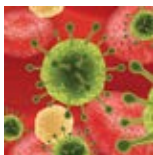
Sterilizes mold, bacteria, & viruses

By reducing mold growth inside the HVAC system UV247 saves energy and reduces the need for system maintenance.

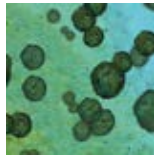
UV light kills germs making indoor air healthier for everyone in the home



Bacteria



Viruses

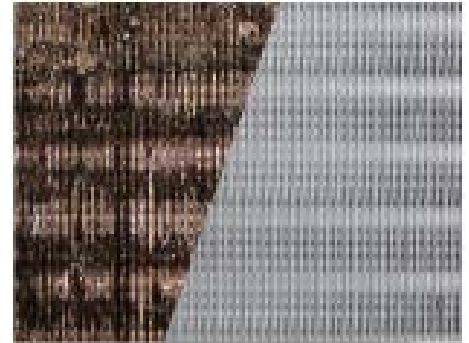


Biological growth



Allergens

Dirty coils



Coils with UV



> Simple installation



> Z-magnet mounting bracket



> 24 VAC power supply



> 90 day warranty on lamp



> One year power supply warranty

Specifications

Lamp Dimensions

15"

Length

0.4"

Diameter

Power Supply

1.8×4.2×1 inch

Electrical

24 VAC +/- 20%, 60 Hz, 0.68 Amps, 16 VA

UV Lamp

100% 254 NM, Germicidal UV-C Spectrum, Unshielded Quartz Hot Filament

Kit Includes

Power Supply, 6' Lamp Cable, UV Lamp, Magnetic 'Z' Mounting Bracket, Mounting Hardware, Panel Indicator

Warranty details

UV Lamp: 90 Days / Power Supply: 1 Year



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EVAP-FRESH

**NO RINSE DISINFECTANT
FOR EVAPORATOR COILS**

Cleans and deodorizes
in one easy step

Evap-Fresh No Rinse is a ready-to-use, non-abrasive, one-step cleaner and disinfectant for evaporator coils in small air conditioners, commercial air handling equipment, HVAC cooling coils and refrigeration equipment. It is the first product of its kind in the industry to receive EPA registration for such claims.





› Cleans and deodorizes in one easy step



› EPA registered for the HVAC application



› Ready-to-use disinfectant formulation



› No rinsing required



› Eliminates odors



› Cuts dirt and grime

Specifications

Bacterial Activity:

Using approved AOAC test methods (under Good Laboratory Practices, [GLPs], in the presence of 5% blood serum and a 3 minute contact time, unless otherwise noted, (Evap-Fresh No Rinse) kills the following organisms on hard non-porous inanimate surfaces:

Organism	ATCC Number	Contact time
Salmonella (choleraesuis)enterica	ATCC 10708	3 min
Yersinia enterocolitica	ATCC 23715	3 min
Enterococcus faecium	ATCC 6569	3 min
Corynebacterium ammoniagenes	ATCC 6871	3 min

Antibiotic-resistant bacterial activity

Organism	ATCC Number	Contact time
Methicillin resistant Staphylococcus aureus (MRSA)	ATCC 33593	3 min
Vancomycin resistant Enterococcus faecalis (VRE)	ATCC 51575	3 min
Methicillin resistant Staphylococcus epidermidis (MRSE)	ATCC 51625	3 min

Virucidal activity

Organism	ATCC Number	Contact time
HIV-1(Associated with AIDS)		1 min
Enterococcus faecium	ATCC 6569	3 min
Hepatitis B Virus (HBV)		1 or 5 min
Hepatitis C Virus (HCV)		1 or 5 min
SARS associated with Coronavirus		2 min

EPA Reg. # 1839-83-65516

www.nucalgon.com/coronavirus-solutions

www.epa.gov/pesticide-registration/list-n-disinfectants-coronavirus-covid-19

BIO-FRESH CD

DISINFECTANT FOR EVAPORATOR COILS

Kills odors and
controls bacteria

Bio-Fresh cd is a ready-to-use bacteriostat, fungistat and deodorizer based upon chlorine dioxide technology. It is recommended for control of bacteria, mold, mildew, fungi and yeast in IAQ applications. Its EPA registration includes application in HVACR ventilating equipment, including coils, condensate pans, filters and duct-work.



Deodorization

The powerful active ingredient in Bio-Fresh cd oxidizes odors associated with bacteria, mold, mildew, smoke, animals, etc. in the air and in air handling units. The product does not cover up or mask the odor with alcohol or perfumes, it eliminates or “oxidizes” the source of the odor, leaving the air fresh and clean.



Bio-Fresh Fogger

The Bio-Fresh cd Fogger provides the operator with the widest range of options available for spraying Bio-Fresh cd. The nozzle, attached to the flex hose, allows the user to easily direct the spray in, under and at objects. The convenient flow adjustment knob located at the nozzle enables the operator to change the liquid flow rate being dispensed.

Specifications

Application

Evaporator coils, condensate drain pans, filters and duct-work in air conditioning systems can be an excellent breeding ground for bacteria and mold. Left untreated, it can grow and eventually affect indoor air quality, a major concern of the IAQ movement today. Use of a product like Bio-Fresh cd in a total program such as Nu-Calgon's IAQ Assurance Program will improve this problem by inhibiting the growth of bacteria or mold.

Microbial Control

Bacteria and mold are everywhere in our environment. For many allergy sufferers, their presence and growth in the air handling system can significantly aggravate or even initiate an allergic response. Bio-Fresh cd can address this by preventing the growth of bacteria, mold, etc. It specifically reacts with the microbial's cell wall, interfering with and preventing their growth.

Toxicity & Safety

An enhanced benefit of Bio-Fresh cd is its low toxicity and safety rating from the EPA. Bio-Fresh cd does not use any environmentally damaging propellants or flammable ingredients, and may be applied to occupied spaces.

Daikin is the world's leader
in Air Conditioning.
We are devoted to deliver
outstanding products and
innovative home, business,
and industrial solutions.

