DUST FREE®

BREATHE THE DIFFERENCE.

IAQ³

COMPREHENSIVE INDOOR AIR QUALITY STRATEGY

WWW.DUSTFREE.COM

IAQ③

THE INDOOR AIR QUALITY STRATEGY

The IAQ3 platform integrates three levels of air quality products, each increasing the overall air quality of the space. The result is a dynamic air quality management strategy that provides an IAQ solution, custom-tailored to your specific needs.

THE IAQ3 PLATFORM OF PRODUCTS IS CAREFULLY DESIGNED TO MEET THE FULL SPECTRUM OF INDOOR AIR QUALITY DEMANDS.

☀ FILTRATION

Reduce dust, pollen, mold, and dander, as air circulates through your central air system.

⚛ PURIFICATION

Active air purification using next generation technologies to reduce or inactivate indoor air pollutants such as odors, VOCs, and bacteria.[1]

☼ UV INACTIVATION

When professionally installed, UV-C light can inactivate specific, targeted bacteria where the UV-C light shines.[2]

THE FULL LINE OF IAQ3 AIR QUALITY MANAGEMENT PRODUCTS

Each product works together to build the filtration, purification, and UV inactivation components of the IAQ3 platform, delivering a comprehensive indoor air quality solution.

☀ DF MAC-13	⚛ DF ACTIVE	☼ LIGHTSTICK PLUS
☀ DF MAC-11	⚛ DF CARBON	☼ LIGHTSTICK, MINISTICK, VERSALIGHT, ULTRA-FLEX, 4XTREME, XL
☀ ELECTROSTATIC AIR FILTERS	⚛ MICROPURE	☼ NOMAD, NOMAD 2

DUCT-MOUNTED AIR PURIFIERS

DUST FREE®
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ACTIVE

The Dust Free® Active utilizes *germicidal UV-C technology plus ionization* to target poor indoor air quality.
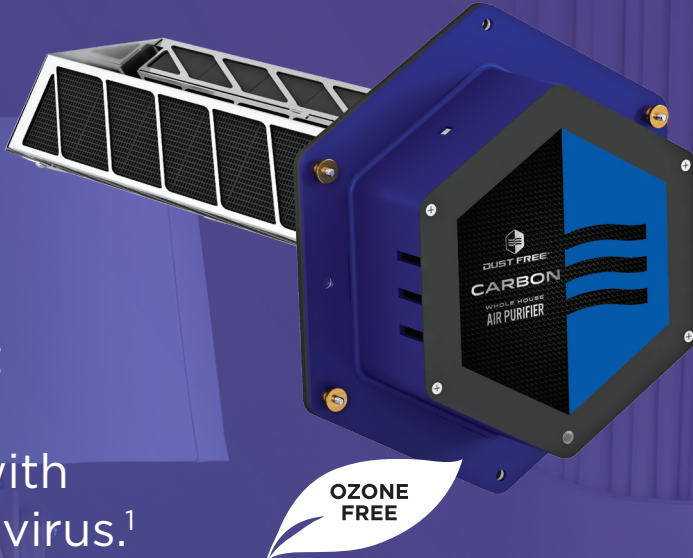
- Dual active air purification technologies provide a comprehensive IAQ solution.

- Reduces particulate matter such as dust and dander by improving the performance of your existing filtration system.

- Innovative carbon fiber brushes increase ion production.

- Effective against odors, VOC's, and inactivates virus in the air.[2]

- Expanded range ballast for increased electrical reliability.

- Auxiliary power port to easily install an additional 24V germicidal UV-C light in any HVAC system.

DUST FREE®
BREATHE THE DIFFERENCE.
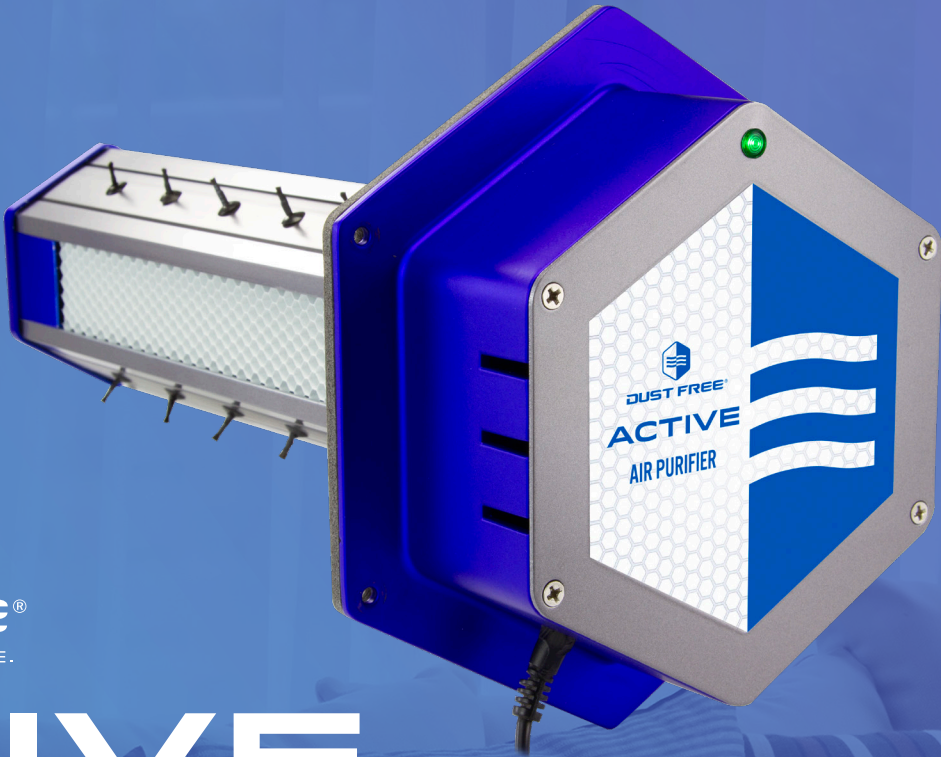
CARBON

Advanced Carbon and UV light technology, can *reduce odors, VOC's, Formaldehyde,* along with specific, targeted bacteria and virus.[1]
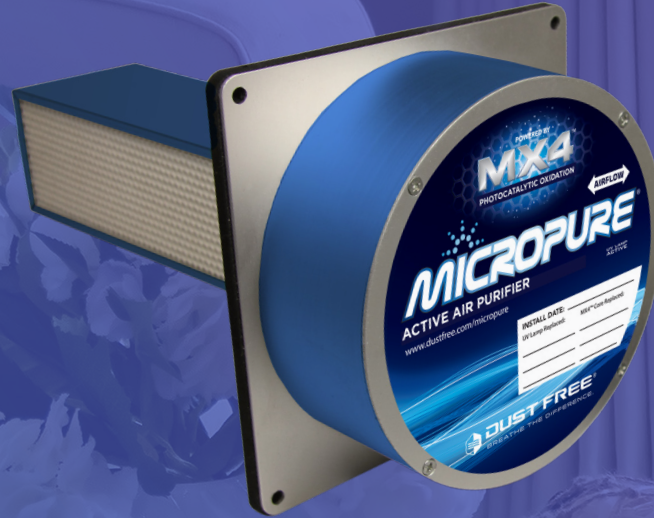
OZONE FREE

- Proprietary blend of environmentally friendly, adsorbing compounds, as well as germicidal UV-C light.

- Can reduce odors and VOC's, including Formaldehyde.

- Ozone-free.

- Auxiliary power port makes adding an additional UV light easy.

- Expanded range ballast increases electrical reliability.

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MICROPURE

The Micropure® Active Air Purifier utilizes *UV light technology* to reduce pollutants.

- Utilizes proprietary technology and UV light to reduce indoor air pollutants.

- Reduces odors and VOCs.

- Installs in any HVAC system.

GERMICIDAL UV

GERMICIDAL UV

BEST IN CLASS 24V UV TECHNOLOGY

OZONE FREE

DUST FREE®
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LIGHTSTICK & LIGHTSTICK PLUS

REDESIGNED FROM THE GROUND UP, THE NEW GENERATION LIGHTSTICK AND LIGHTSTICK PLUS OFFERS THE HIGHEST UV-C OUTPUT COMPARED TO ALL OTHER 24V UV FIXTURES.

When properly installed and operated continuously, the Lightstick and Lightstick Plus dose cooling coils, drain pans, and duct surfaces with germicidal UV energy 24/7, to reduce or inactivate specific, targeted bacteria, mold, and virus where the light shines.[1] Lightstick family utilizes low mercury lamps that are better for the environment and provide high ambient temperature operation.

- Highest UV-C output compared to all other 24V UV fixtures.
- Inactivates SARS CoV-2, bacteria, and mold on surfaces where the light shines when professionally installed.[1]
- Ozone-free, low mercury lamps.
- Works with your air filter 24/7 to disinfect cooling coils, drain pans, and duct surfaces.
- High quality components.
- Direct Connect™ and remote lamp capability for optimal UV exposure.

ULTRA-FLEX

The Ultra-Flex offers more value and choice than ever before. Offering compact size and remote-lamp capability, the Ultra-Flex provides a first-class UV system for even the tightest spaces.
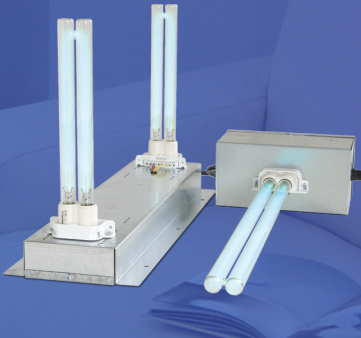
4XTREME

The 4Xtreme rooftop UV-C fixture, equipped with a UL listed NEMA 4X interlocked enclosure, can handle the harshest of HVAC environments.
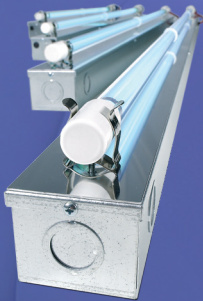
VERSALIGHT

The VersaLight utilizes patent pending, safety interlocked, remote-mounted lamp capability that allows placement of one, or two, high-output UV-C lamps anywhere within 6 feet of the VersaLight's chassis.

NOMAD & NOMAD 2

Surface mounted UV-C applications demand installation flexibility and the Nomad delivers one of the most flexible chassis designs available.

XL

XL is uniquely qualified for extra large applications with lamp lengths up to five feet and a class leading reflector surface area to cost effectively apply a high dose of UV-C energy. Magnetic mounting brackets simplify installation.

MINISTICK

The all-new Ministick offers the highest UV-C output available for ductless or mini-split applications. Better at dosing cooling coils and blower wheels where the light shines, while at the same time operating ozone-free.

HIGH EFFICIENCY MEDIA AIR CLEANERS

PERMANENT AIR FILTERS

A *lifetime* of cleaner air in your home.

DUST FIGHTER® 95   DUST FIGHTER® 90   ALLERGY GOLD®   MAXAIRE GOLD®   ENVIROGREEN™ 8 PLEAT
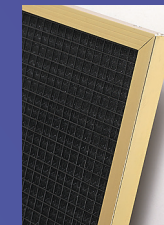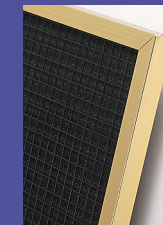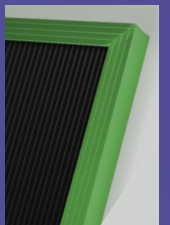
PERMANENT AIR FILTERS OFFER A WISE INVESTMENT FOR PROTECTING THE HOME FROM EVERYDAY POLLUTANTS. DUST FREE® FILTERS UTILIZE MULTIPLE LAYERS OF ELECTROSTATICALLY-CHARGED FILTRATION MEDIA TO CAPTURE DUST, POLLEN, LINT, AND DANDER.

The Dust Free® permanent air filter uses self-charging electrostatic filtration media to reduce indoor air pollutants as the air circulates through the HVAC system. Regular cleaning with water and household detergent will keep them operating at peak efficiency for a lifetime.

DUST FREE®
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MAC 13

The Dust Free® MAC™ 13 utilizes MERV 13 filtration to provide the best balance between sub-micron filtration and air flow.

- MERV 13 high-efficiency filter
- Captures dust, pollen, dander, and other common indoor pollutants
- Traps 100 times more airborne particles than traditional disposable fiberglass filters.
- Lowest pressure drop MERV 13 filter at 0.24″ w.c.

DUST FREE®
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MAC 11

The Dust Free® MAC™ 11 is effective in reducing household dust, pollen, and other allergens 100 times more effective than traditional filter media.

- MERV 11 high-efficiency filter
- Captures dust, pollen, dander, and other common indoor pollutants

- High-strength extruded aluminum frame
- Pull tabs for easy removal for maintenance
- Durable construction for even the most powerful HVAC systems
- Multiple filtration layers
- Patented configuration alternate polarity, self-charging layers of media

- Made in the USA with precise manufacturing techniques and attention to detail
- Drain holes allow water to drain quickly for faster drying after cleaning
- Available in 33-40 standard sizes in 1″ or 2″ frames
- Custom and adjustable sizes available

SPECIFICATIONS

DUCT-MOUNTED AIR PURIFIERS

Models	Part Numbers	Dimensions†	Power	Weight	Core	Warranty
DF Active 6"	#13070	6.5"H X 6"W X 6"L	††24VAC, 50/60Hz, 1.4A. 3000V surge protection.	Approx. 3 lbs.	Bi-polar ionization	7-yr limited. 4-yr core. 2-yr lamp.
DF Active 12"	#13071	6.5"H X 6"W X 12"L				
DF Carbon 14"	#13062	6.5"H X 6"W X 14.5"L	††24VAC, 50/60Hz, 1.4A. 3000V surge protection.	Approx. 3 lbs	Ozone-free Carbon technology	7-yr limited. 1-yr core. 2-yr lamp.
Micropure 5"	6"H x 6"W x 7"L	6"H x 6"W x 7"L	24VAC 50/60Hz and 120/230VAC 50/60Hz (auto-switching) power supply models.	2.6 - 3 lbs	MX4™	5-yr limited. 4-yr on core. 2-yr on lamp.
Micropure 9"	6"H x 6"W x 11"	6"H x 6"W x 11"L				
Micropure 14"	6"H x 6"W x 16.75"L	6"H x 6"W x 16.75"L				

† Mounting Plate: 8"H x 8"W. †† Expanded range ballast: 20V-32V.

GERMICIDAL UV

Models	Dimensions†	Power	Lamp/Lamp Life	Weight	Warranty
Lightstick	1.75"H X 3.16"W X 4.75"L	24VAC (Expanded range ballast: 20V-32V), 50/60Hz, 1.4A. 3000V surge protection. 3ft power cord. 4ft lamp cord.	15" / 9,000-hr	2.6 - 3 lbs	4-yr limited. 1-yr lamp.
Lightstick Plus			15" / 18,000-hr		7-yr limited. 2-yr lamp.
Ultra-Flex	2"H x 4"W x 9.25"L	120-240VAC, 50/60Hz, 6-ft power cord.	14"-16" / 9,000-hr	4 lbs	5-yr limited. 1-yr lamp.
4Xtreme	4.25"H x 8"W x 11.56"L	120-240VAC, 50/60Hz, 0.90A/0.50A.	21", 33", 45" 9,000-hr	8.2 lbs	3-yr limited. 1-yr lamp.
Versalight	2.5"H x 5"W x 13"L	120-240VAC, 50/60Hz, 0.90A/0.50A.	14", 16", 20" 9,000-hr. Single and dual lamp.	5.75 - 6 lbs	3-yr limited. 1-yr lamp.
Nomad	3.125"H x 3.5"W x 7"L	120-240VAC, 50/60Hz, 0.45A/0.22A.	9" / 9,000-hr	3.75 lbs	5-yr limited. 1-yr lamp.
Nomad 2	1.5"H x 5.937"W x 17"L	120-240VAC, 50/60Hz, 0.85A/0.39A.	9", 16", / 9,000-hr. Dual lamp.	5.5 lbs	
XL	2.5"H x 3.375"W x 24"-64"L	120-230VAC, 50/60Hz, 1.15A/0.60A.	21", 33", 45", 61" 9,000-hr	3.9 - 8.3 lbs	3-yr limited. 1-yr lamp.
Ministick	1.5"H x 4"W x 1"L	120-230VAC	9" x 0.375" 18,000-hr. Dual lamp.	0.5 lbs	2-yr limited. 2-yr lamp.

† Mounting Plate: 8"H x 8"W.

U.S. Patent Nos. 5,334,347, 5,817,276, 6,245,293, 6,267,924, 6,280,686, 6,313,470, 6,627,000, 6,539,727, 6,932,494, 6,550,257.

Professional installation required.

All specifications subject to change without notice.

SPECIFICATIONS

HIGH EFFICIENCY MEDIA AIR CLEANERS

Models	Efficiency	Resistance	Media	Cabinet	Dimensions (D x H x W)	Warranty
DF MAC 11	MERV 11	--	Pleated	Galvanized steel.	27.13" x 17.00" x 6.56" 22.13" x 21.00" x 6.56"	
DF MAC 13	MERV 13	0.24"	Pleated	Painted steel.	27.13" x 21.00" x 6.56" 22.13" x 22.00" x 6.56" 22.13" x 22.00" x 6.56" 22.13" x 25.25" x 6.56"	Limited lifetime. Cabinet only.

PERMANENT AIR FILTERS

Models	Efficiency†	Resistance††	Media	Frame	Sizes	Warranty
Dust Fighter® 95	95%	0.15	5 Layers	Aluminum	40 standard sizes. 1", 2", and adjustable sizes. Custom sizes available.	Limited lifetime.
Dust Fighter® 90	90%	0.12	3 Layers			
Allergy Gold®	90%	0.12"	3 Layers	Gold-anodized aluminum		
Maxaire Gold®	81%	0.08"	3 Layers			
Envirogreen™ 8 Pleat	MERV 8	--	Pleated V-Core	Green-anodized aluminum	33 standard sizes. Custom sizes up to 600 sq in.	Limited lifetime. 5-yr filter core.

†Except for Envirogreen 8 pleat, efficiency represents peak arrestance as tested to ASHRAE 52-76 test procedures. †† Initial resistance @ 1200 CFM.

PERMANENT AIR FILTER SIZE CHART

10" x 10"	10" x 20"	10" x 24"	10" x 30"	12" x 12"	12" x 20"	12" x 24"
12" x 25"	12" x 30"	12" x 36"	14" x 14"	14" x 20"	14" x 24"	14" x 25"
14" x 30"	15" x 20"	15" x 25"	16" x 16"	16" x 20"	16" x 24"	16" x 25"
16" x 30"	16" x 32"	16" x 36"	18" x 18"	18" x 20"	18" x 24"	18" x 25"
18" x 30"	18" x 36"	19" x 27"	20" x 20"	20" x 24"	20" x 25"	20" x 30"
20" x 32"	21" x 21"	24" x 24"	24" x 30"	25" x 25"		

All sizes in 1" or 2" thickness. All standard sizes are undersized 3/8". Custom sizes are available to 1/8". Manufacturer recommends 1 sq. ft. filter surface area per ton A/C.

☐ Adjustable frame models fit shaded sizes.

DUST FREE®

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Dust Free®, LP
1112 Industrial Drive
PO Box 519, Royse City, TX 75189
Toll Free: 1-800-441-1107
Website: www.dustfree.com

Dust Free® is the name recognized worldwide for manufacturing quality and expertise. As the manufacturer of IAQ products for residential, commercial, and industrial application, Dust Free® makes a wide variety of innovative products for the reduction and control of indoor airborne contaminants.

Dust Free® is an OEM manufacturer for several leading HVAC and IAQ corporations. Working as a sub-component manufacturer, or lead manufacturer providing a 100% complete product, Dust Free® maintains a level of manufacturing excellence that provides the customer with a competitive advantage in the marketplace.

The IAQ industry constantly demands new technologies and new methodologies for effectively tackling the ever-growing problem of indoor air quality. Dust Free® holds several patents for innovations in manufacturing, design, and application.

EPA Establishment No. 73316-TX-1

Visit http://www.dustfree.com/testing for a list of micro-organisms inactivated by Dust Free® products.

The product and technologies described are not medical devices, and are not intended to diagnose, treat, cure, or prevent any disease or illness.

1. MS2 virus and Staphylococcus epidermis bacteria.
2. SARS COV-2, MS2 virus, Bacillus thuringiensis bacteria, Aspergillus niger mold, and Serratia marcescens.