



DUST FREE®

BREATHE THE DIFFERENCE.

IAQ



COMPLETE INDOOR AIR QUALITY STRATEGY



WWW.DUSTFREE.COM

IAQ3

THE IAQ3 PLATFORM OF PRODUCTS IS CAREFULLY DESIGNED TO MEET THE FULL SPECTRUM OF INDOOR AIR QUALITY DEMANDS IN TODAY'S HOMES.

THE FULL LINE OF IAQ3 AIR QUALITY MANAGEMENT PRODUCTS

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

✱ DF MAC-13

✱ DF MAC-11

✱ ELECTROSTATIC AIR FILTERS

⚗ DF ACTIVE

⚗ DF CARBON

⚗ MICROPURE

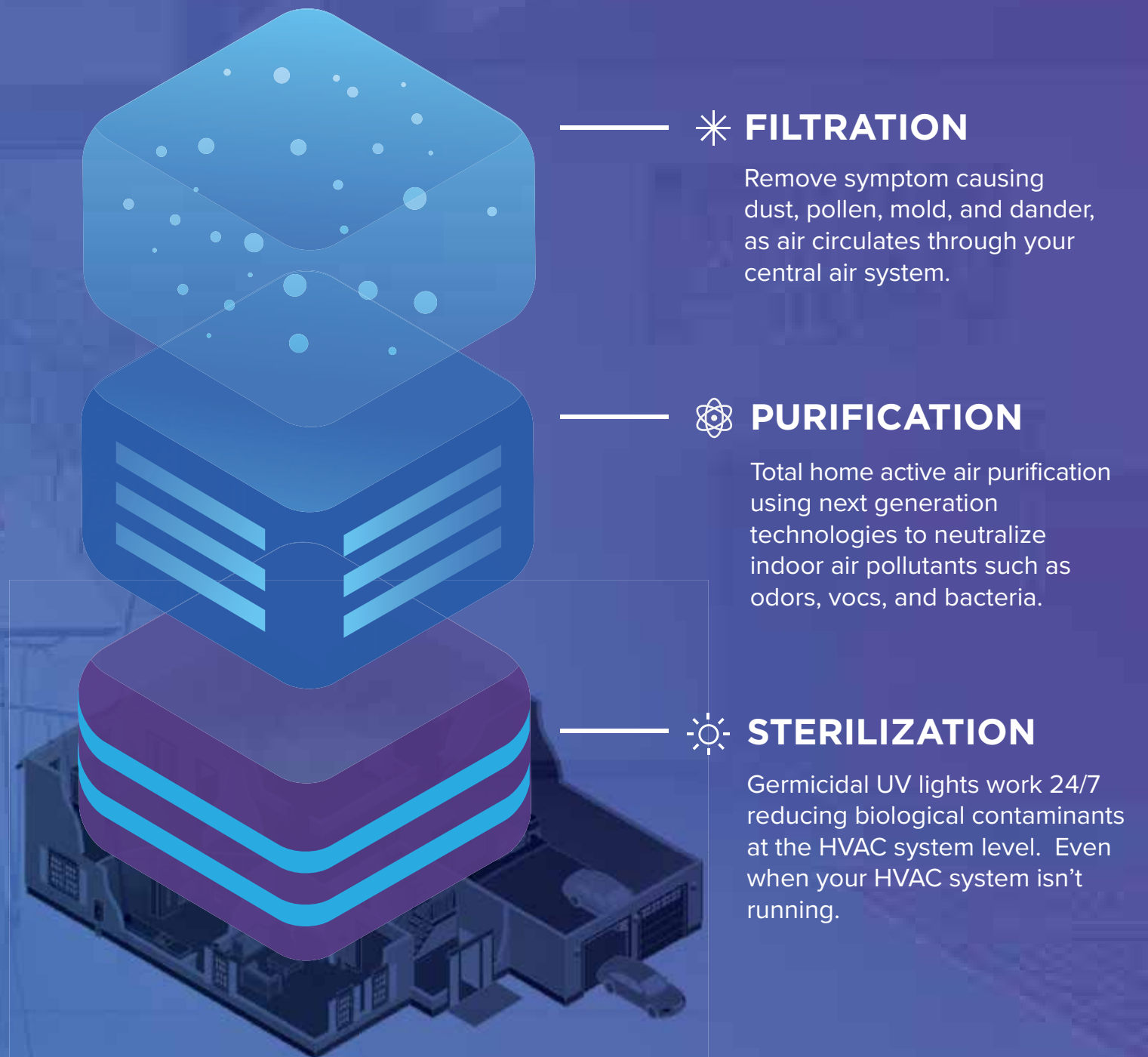
☀ LIGHTSTICK PLUS

☀ LIGHTSTICK, MINISTICK, VERSALIGHT, ULTRA-FLEX, 4XTREME, XL

☀ NOMAD, NOMAD 2

THE INDOOR AIR QUALITY STRATEGY

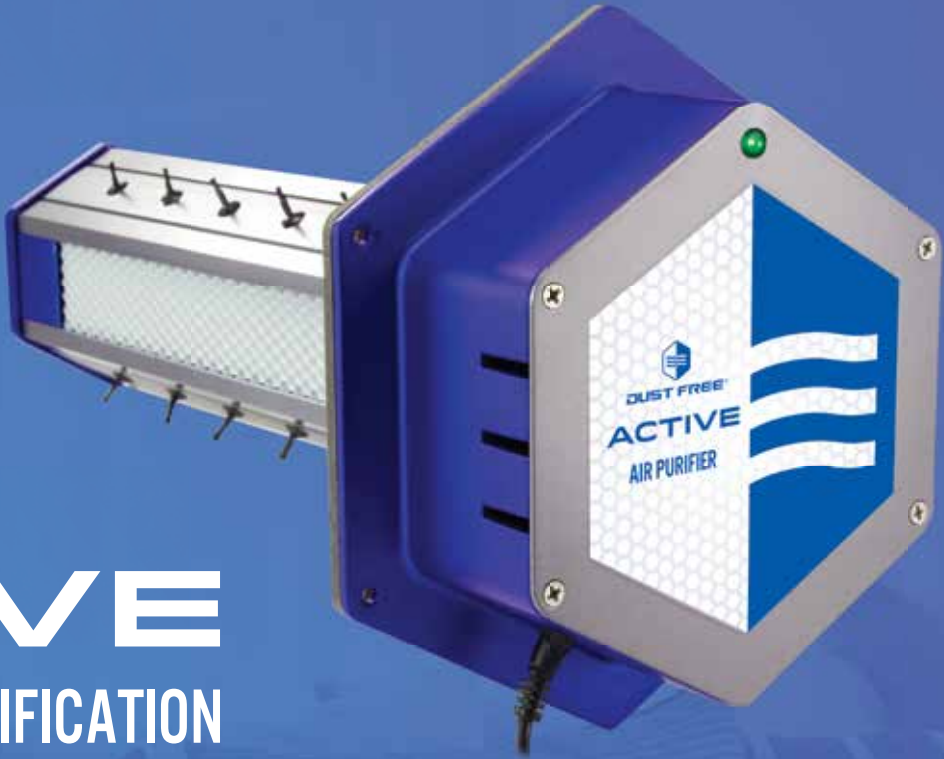
The IAQ3 platform integrates three levels of air quality products, each increasing the overall air quality of the space. The result is a dynamic air quality management strategy that provides a complete IAQ solution, custom-tailored to your specific needs.









WHOLE HOME DUCT MOUNTED AIR PURIFIERS



ACTIVE TOTAL HOME AIR PURIFICATION



Dust Free®'s Active Air Purifier utilizes **ionic oxidation technology plus negative ionization** to target poor indoor air quality in the home.

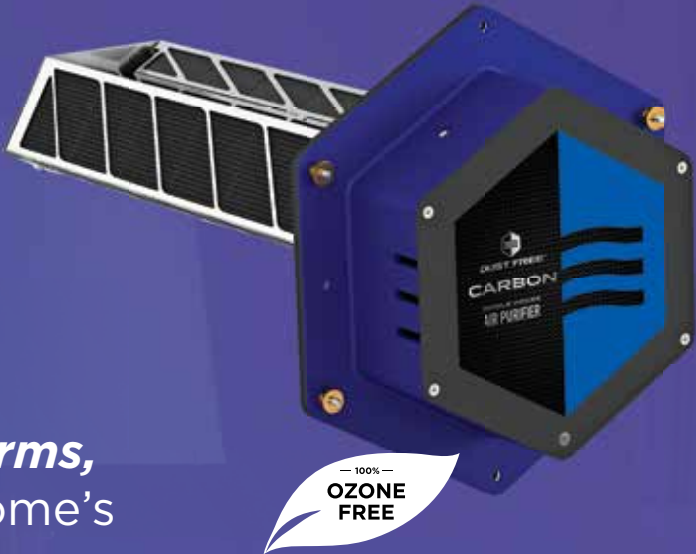
-  Dual active air purification technologies provide a complete IAQ solution for your home.
-  Reduces particulate matter such as dust and dander by improving the performance of your existing filtration system.
-  Innovative carbon fiber brushes increase ion production.
-  Effective against biological growth, bacteria, odors, VOC's, and more, in the air and on surfaces.
-  Expanded range ballast for increased electrical reliability.
-  Auxiliary power port to power an additional 24V Germicidal UV-C light allowing to easily add an additional UV light to any HVAC system.



CARBON WHOLE HOUSE AIR PURIFICATION

Advanced Carbon and UV light technology, **reduces VOC's, germs, odors, and allergens** in your home's indoor air.

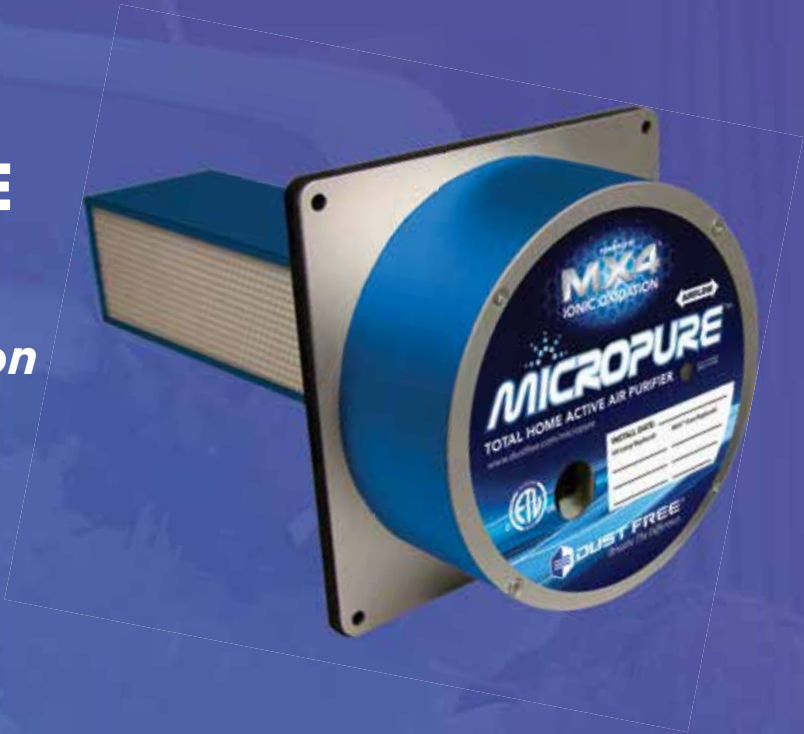
- Proprietary technology offers sterilization and purification IAQ benefits.
- Reduces biological growth, bacteria, odors, VOC's, and Formaldehyde.
- 100% ozone free.
- Keeps HVAC system free of biological growth.
- Auxiliary power port makes adding an additional UV light easy.
- Expanded range ballast increases electrical reliability.



MICROPURE

The Micropure Active Air Purifier utilizes **ionic oxidation** to eliminate pollutants in the air and on surfaces.

- Unique air purification process even cleans air that doesn't pass through the HVAC system.
- Eliminates bacteria, mold, viruses, mildew, smoke, odors, VOC's, and more.
- Installs in any HVAC system.



GERMICIDAL UV



BEST IN CLASS UV TECHNOLOGY




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. BETTER AT OPTIMIZING INDOOR AIR QUALITY BY FIGHTING MOLD AND BACTERIA GROWTH ON HVAC COILS THAN EVER BEFORE.

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 systems coil. The Lightstick family utilizes low mercury lamps that are good for the environment and provide high ambient temperature operation.


- 

Highest UV-C output compared to all other 24V UV fixtures.
- 

Fights mold and bacteria growth for optimal coil purification.
- 

100% ozone free and uses low mercury lamps.
- 

Works with your air filter 24/7 to disinfect cooling coils, drain pans, and duct surfaces.
- 

Highest quality components the industry has ever seen.
- 

Comprehensive HALT testing for improved reliability.

GERMICIDAL UV



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.



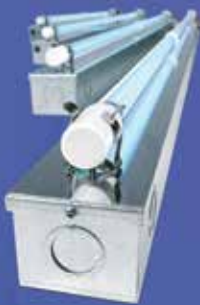
VERSALIGHT

The VersaLight utilizes a 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

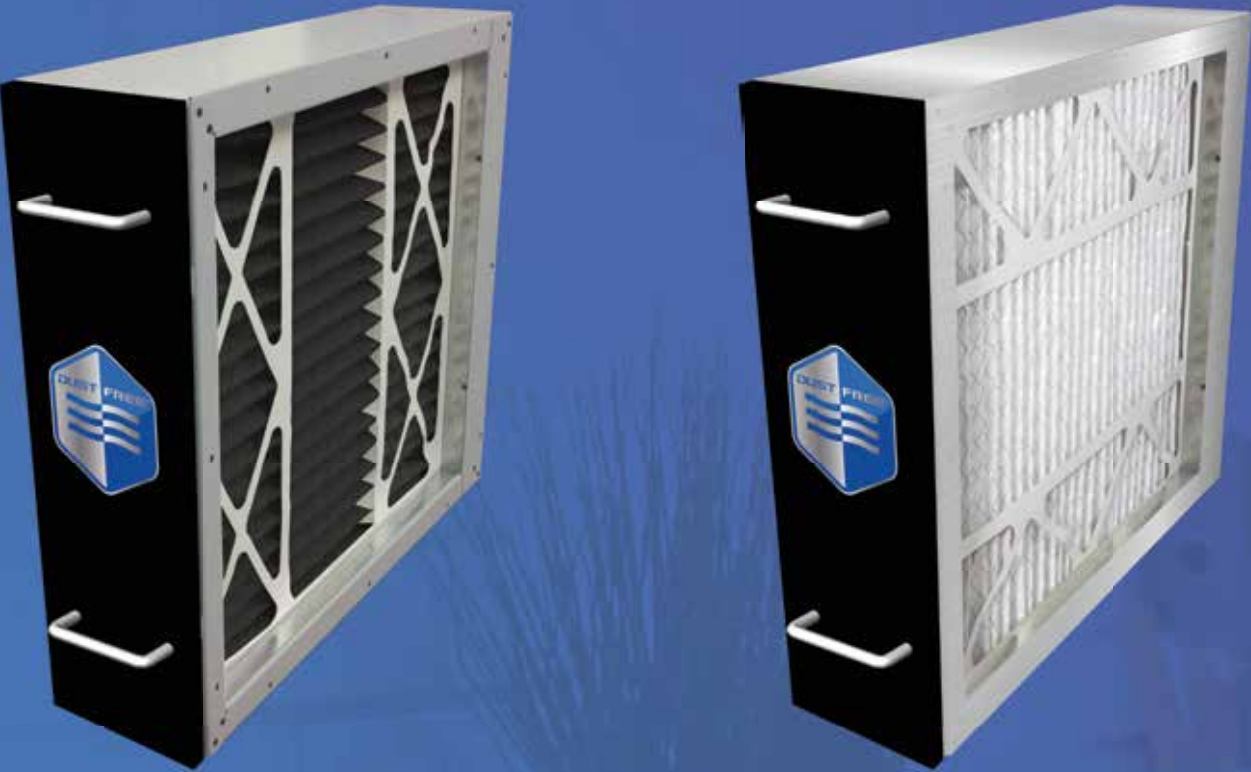
XL is uniquely qualified for extra large applications with lamp lengths up to five feet and a class leading reflector surface area to cost effectively apply a high dose of UV-C energy.



MINISTICK

The all-new Ministick offers the highest UV-C output available for ductless or mini-split applications. Better at disinfecting cooling coils and blower wheels, while at the same time operating 100% ozone-free.

HIGH EFFICIENCY MEDIA AIR CLEANERS



MAC 13

The Dust Free® MAC™ 13 is not only effective in reducing household dust, mold, and other allergens, carbon filter technology absorbs more odors and Volatile Organic Compounds than traditional filter media.

- MERV 13 carbon filter
- Captures dust, pollen, dander, and other common indoor pollutants
- Effective against odors, smoke, and VOC's
- Lowest pressure drop MERV 13 filter at 0.24" w.c.



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

PERMANENT AIR FILTERS

A *lifetime* of cleaner air throughout the home.



DUST FIGHTER® 95



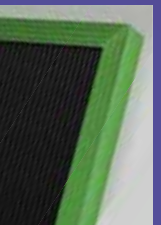
DUST FIGHTER® 90



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 remove symptom-causing 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.

- High-strength extruded aluminum frame
- Pull tabs for easy removal for maintenance
- Durable construction for even the most powerful HVAC systems
- Multiple filtration layers with an anti-microbial core
- 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

WHOLE HOME DUCT MOUNTED AIR PURIFIERS

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

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

GERMICIDAL UV

| Models | Dimensions ¹ | Power | Lamp/Lamp Life | Weight | Warranty |
|-----------------|----------------------------|--|---|---------------|--------------------------|
| Lightstick | 1.75"H X 3.16"W X 4.75"L | 24V (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 | 5-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 | 120V-240V, 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 | 120V-240V, 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 | 120V-240V, 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 | 120V-240V, 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 | 120V-240V, 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 | 120V-230V, 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 | 120V-230V | 9" x 0.375" 18,000-hr. Dual lamp. | 0.5 lbs | 2-yr limited. 2-yr lamp. |

1. 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.

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 | -- | Standard Pleated | Galvanized steel. | 27.13" x 17.00" x 6.56" 22.13" x 21.00" x 6.56" 27.13" x 21.00" x 6.56" 22.13" x 22.00" x 6.56" | Limited lifetime. Cabinet only. |
| DF MAC 13 | MERV 13 | 0.24" | Carbon Pleated | Painted steel. | 22.13" x 22.00" x 6.56" 22.13" x 25.25" x 6.56" | |

PERMANENT AIR FILTERS

| Models | Efficiency ¹ | Resistance ² | Media | Frame | Sizes ³ | Warranty |
|----------------------|-------------------------|-------------------------|----------------|-------------------------|--|-------------------------------------|
| Dust Fighter® 95 | 95% | 0.15 | 5 Layers | Aluminum | 40 standard sizes. 1", 2", and adjustable sizes. Custom sizes available. | 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. |

1. Except for Envirogreen 8 pleat, efficiency represents peak arrestance as tested to ASHRAE 52-76 test procedures. 2. 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® 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 removal 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.

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