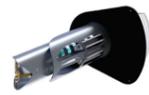


## How Competitors Stack up against Dust Free Active



Dust Free Active



RGF REME Halo



Air Oasis Bi-Polar



Nu-Calgon i-Wave



APCO



Air Scrubber



GPS 2400



Sanuvox R+



Premier One MUV-403H

Complete whole home active air purifier combining multiple technologies to offer best in class, active air purification indoors targeting bacteria, viruses, odors, volatile organic compounds, respirable particulate, and more. Dust Free Active utilizes multiple technologies to purify indoor air including UV light, Photocatalytic Oxidation, and dedicated Ionization. Dust Free Active 14" has 8 to 10 times more catalyst surface area and 3" more UV light than REME Halo, Air Scrubber, Air Oasis Nano and more. Dust Free Active also produces ionization at a much higher rate than its competitors

REME Halo is positioned as a dual technology whole home active purifier. The Reme Halo has less catalyst surface area for the Photocatalytic process as well as a shorter UV light and reduced ion production when compared to the Dust Free Active. To come close to equal the the technology of the Dust Free Active you would need to add any one of the following as well as a REME Halo: Air Oasis Bi-Bolar unit, Nu-Calgon i-Wave, or GPS 2400

Bi-Polar 2400 is positioned as a single technology whole home active purifier utilizing ionization only. Ionization is a great technology for particulate control, but fails in comparison to UV and PCO for biological and chemical control due to the shortness of the half life of ions. To come close to equal the the technology of the Dust Free Active you would need to add any one of the following as well as a Bi-Polar: RGF Reme Halo, APCO, or Air Scrubber

Nu-Calgon i-Wave is positioned as a single technology whole home active purifier utilizing ionization only. Ionization is a great technology for particulate control, but fails in comparison to UV and PCO for biological and chemical control due to the shortness of the half life of ions. To come close to equal the the technology of the Dust Free Active you would need to add any one of the following as well as a i-Wave: RGF Reme Halo, APCO, or Air Scrubber

APCO is positioned as a dual technology whole home purifier utilizing UV and Carbon technology. UV and Carbon are great technologies, however they do not possess great active purification properties and should only be used for surface control and not whole home air purification. To come close to equal the the technology of the Dust Free Active you would need to add any one of the following as well as a APCO: RGF Reme Halo, Air Oasis Bi-Polar, Nu-Calgon i-Wave, APCO, Air Scrubber, or GPS

Air Scrubber is positioned as a single technology whole home active air purifier utilizing Photocatalytic Oxidation. The Air Scrubber has less catalyst surface area for the Photocatalytic process as well as a shorter UV light and reduced ion production when compared to the Dust Free Active. Photocatalytic Oxidation is a great technology, however does not address respirable particulate at the same level as ionization. To come close to equal the the technology of the Dust Free Active you would need to add any one of the following as well as a Air Scrubber: Air Oasis Bi-Polar, Nu-Calgon i-Wave, or GPS

GPS 2400 is positioned as a single technology whole home active purifier utilizing ionization only. Ionization is a great technology for particulate control, but fails in comparison to UV and PCO for biological and chemical control due to the shortness of the half life of ions. To come close to equal the the technology of the Dust Free Active you would need to add any one of the following as well as a GPS: RGF Reme Halo, APCO, or Air Scrubber

Sanuvox R+ is positioned as a single technology air purifier utilizing ultraviolet light only. Germicidal UV light is effective at controlling microbials growing on a surface. The major concern with UV as a air treatment option is that it is very hard to capture all of the air inside a home in a small box with an 11" lamp. The Sanuvox R+ does not offer a solution for particulate or VOC's and based on the bypass in the duct is not able to cover all of the air in the home let alone all of the air passing through the ducts. This is a passive/capture and kill method of purifying the air. The technology is most effective when paired with an active air purifier such as the Dust Free Active for full spectrum air purification.

MUV-403H is positioned as a dual technology air purifier utilizing ultraviolet light and O3 (Ozone). Germicidal UV light is effective at controlling microbials growing on a surface. The major concern with UV as a air treatment option is that it is very hard to pass all of the air inside a home by a 12" or 16" lamp in a timely manner. The MUV-403H utilizes O3 or Ozone for VOC's. Has no solution for microscopic particulate. The technology is most effective when paired with an ionizer such as the GPS 2400, Nu-Calgon i-Wave or Air Oasis Bi-Polar for full spectrum air purification.

12" Dual frequency lamp

9" single frequency UV lamp

No UV

No UV

13" single frequency UV Lamp

9" single frequency UV Lamp

No UV

10" J bulb UV Lamp

12" or 14" single frequency UV lamp

**Ionization Output**

2,000,000+ negative in 1 cubic centimeter measured at 4 feet

20,000 negative measured at 4 feet

400,000 positive and 600,000 negative in 1 cubic centimeter measured at 4 feet

400,000 positive and 600,000 negative in 1 cubic centimeter measured at 4 feet

No ionization

650 positive and negative ions in 1 cubic centimeter measured at 4 feet

400,000 positive and 600,000 negative in 1 cubic centimeter measured at 4 feet

No Ionization

No Ionization

**Gasketed Mounting Plate**

Yes

No

No

No

No

No

No

No

No

**Safety Interlock Switch**

Yes

No

No

No

No

Yes

No

No

No

**Twist lock power cord**

Yes

No

No

No

No

No

No

N/A

No

**Multiple Air Purification Technologies**

Yes

Yes

No

No

No

No

No

No

Yes

**UL Listed**

Yes

No

Yes

Yes

No

No

Yes

No

No

**Warranty**

2 year - lamp

2 year - lamp

NA

NA

2 year - lamp

2 year - lamp

NA

3 year - lamp

2 Year - Lamp

7 year - power supply

5 year - power supply

3 year - product warranty

3 year - product warranty

Limited Lifetime parts warranty

5 year - power supply

3 year - product warranty

3 year - product warranty

Limited Lifetime parts warranty

4 year - core

**Online Price Protection**

Yes

No

No

No

No

No

Yes

Yes

Yes

**Addresses Particulate**

Yes

Yes

Yes

Yes

No

No

Yes

No

No

**Addresses VOC's**

Yes

Yes

Nominally

Nominally

Yes

Yes

Nominally

No

Yes

**Addresses Biologicals**

Yes

Yes

Nominally

Nominally

Yes

Yes

Nominally

Yes

Yes