

THE POWER OF  
**ACTIVATED**

# CARBON + HEPA

About Our Activated Carbon  
+ HEPA Filtration System



**Activated carbon** is widely recognized as the safest, most effective way to treat odors and chemicals, while **HEPA** (High Efficiency Particle Air) filters are the gold standard for removing particles. **Together they provide the most complete and versatile air cleaning system available.**

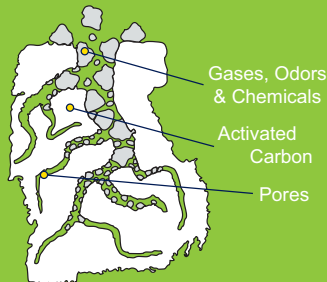
About "Activated" Carbon  
Carbon that is 'activated' undergoes a process that opens up millions of tiny pores and fissures to enhance the material's adsorbent properties. The process creates a very large internal surface area, which is key to the power of activated carbon - the more surface area - **the more the carbon can adsorb.** Only one pound of activated carbon typically has a surface area of 125 acres. Activated carbon is so effective that it's used in military gas masks.

About HEPA Filters



**HEPA** stands for high efficiency particulate air filter and **describes a filter that can remove at least 99.97% of airborne particles 0.3 microns in diameter.** Particles of this size are used to evaluate the performance of a filter because they are among the most difficult to remove. However, particles that are larger or smaller than 0.3 microns can be filtered with even greater efficiency due to the nature of the filter's design. **True HEPA filters are composed of a dense web of fibers designed to trap particles.** This type of filter was first used in the 1940's to trap radioactive contaminants in the air and protect scientists who were developing the first nuclear weapons. **Today, HEPA is considered the safest and most efficient method to treat airborne particles.**

## "Activated" Carbon



www.allerair.com  1.888.852.8247

# AllerAir®

Air Purifiers

## AirMedic series

AllerAir AirMedic Series  
Outstanding particle filtration.  
Superior chemical and odor protection.  
One advanced unit.



We care about  
**every breath you take.**

1.888.852.8247 • info@allerair.com



## AirMedic

The AirMedic is uniquely engineered to provide superior particle control with exceptional 360° air intake, a pre-filter and HEPA filter which removes 99.97% of all particles at 0.3 microns. An 18 lb. carbon filter for airborne chemicals, gases and odors rounds out this remarkable filtration system.

	AirMedic Exec	AirMedic VOC	AirMedic D Exec	AirMedic D Vocarb
<b>Carbon Filter</b>	18 lbs., 2" depth	18 lbs., 2" depth	25 lbs., 3" depth	25 lbs., 3" depth
<b>CFM*</b>	400	400	400	400
<b>Filtration System</b>	Medical-grade HEPA, carbon filter, pre-filter	Medical-grade HEPA, carbon filter, pre-filter	Micro-HEPA, carbon filter, pre-filter	Micro-HEPA, carbon filter, pre-filter
<b>Shipping Weight</b>	Approx. 45 lbs.	Approx. 45 lbs.	Approx. 55 lbs. 2 Boxes	Approx. 55 lbs. 2 Boxes
<b>Dimensions</b>	17.5" (height) x 15" (diameter)	17.5" (height) x 15" (diameter)	17.5" (height) x 15" (diameter)	17.5" (height) x 15" (diameter)
<b>Airflow Control</b>	3-speed	3-speed	3-speed	3-speed
<b>Options</b>	UV Light, Custom Carbon Blend	UV Light, Custom Carbon Blend	UV Light, Custom Carbon Blend	UV Light, Custom Carbon Blend
<b>Price</b>	599. <sup>98</sup>	699. <sup>98</sup>	799. <sup>98</sup>	999. <sup>98</sup>



## AirMedic +

The AirMedic+ offers a customized level of airflow with variable speed controls, a sealed motor and exceptional particulate removal certified by an independent D.O.P test. This unit is specially constructed to eliminate any air by-pass, ensuring exceptionally clean air on the very first pass. An 18 lb. carbon filter for airborne chemicals, gases and odors completes this advanced filtration system.

	AirMedic Exec	AirMedic VOC	AirMedic D Exec	AirMedic D Vocarb
<b>Carbon Filter</b>	18 lbs., 2" depth	18 lbs., 2" depth	25 lbs., 3" depth	25 lbs., 3" depth
<b>CFM*</b>	360	360	360	360
<b>Filtration System</b>	Medical-grade HEPA, carbon filter, pre-filter	Medical-grade HEPA, carbon filter, pre-filter	Micro-HEPA, carbon filter, pre-filter	Micro-HEPA, carbon filter, pre-filter
<b>Shipping Weight</b>	Approx. 45 lbs.	Approx. 45 lbs.	Approx. 55 lbs. 2 Boxes	Approx. 55 lbs. 2 Boxes
<b>Dimensions</b>	17.5" (height) x 15" (diameter)	17.5" (height) x 15" (diameter)	17.5" (height) x 15" (diameter)	17.5" (height) x 15" (diameter)
<b>Airflow Control</b>	Variable	Variable	Variable	Variable
<b>Options</b>	5 Watt UV Light, Custom Carbon Blend	5 Watt UV Light, Custom Carbon Blend	5 Watt UV Light, Custom Carbon Blend	5 Watt UV Light, Custom Carbon Blend
<b>Price</b>	799. <sup>98</sup>	899. <sup>98</sup>	999. <sup>98</sup>	1299. <sup>98</sup>

AirMedic series available colors:  Black  Sandstone  White

# AirMedic MCS with EcoFlow™ Technology



Featuring AllerAir's EcoFlow™ technology, the AirMedic MCS (Multiple Chemical Sensitivity) offers custom features that make this unit an ideal choice for the chemically sensitive or environmentally conscious.

## EcoFlow™ Features:

- All-metal housing
- Custom carbon blend\*
- HEPA filter with a metal cap
- Organic-cotton pre-filter
- Inert gaskets
- 360° air intake
- Variable speed comfort controls
- Sealed motor
- Eco-safe, waters-soluble AFM bonding
- Powder-coated, refillable carbon canister
- Shielded cable to reduce EMF
- Exceptional particle filtration DOP test

## Available Configurations:

### AirMedic MCS 1198.<sup>98</sup>

Dimensions	Shipping Weight	Filtration System	Carbon Filter	Airflow control	Rated CFM
17.5" (height) x 15" (diameter)	Approx. 45 lbs.	Medical-grade HEPA, carbon filter, pre-filter	18 lbs MAC-B, 2" Depth	Variable	560

### AirMedic MCS D 1399.<sup>98</sup>

Dimensions	Shipping Weight	Filtration System	Carbon Filter	Airflow control	Rated CFM
17.5" (height) x 15" (diameter)	Approx. 55 lbs. 2 boxes	Micro-HEPA, carbon filter, pre-filter	25 lbs MAC-B, 3" Depth	Variable	560



\*Users placing an order for an MCS unit must first purchase a carbon test kit in order to select their custom carbon blend. The cost of the kit is then deducted from the purchase price of the unit.