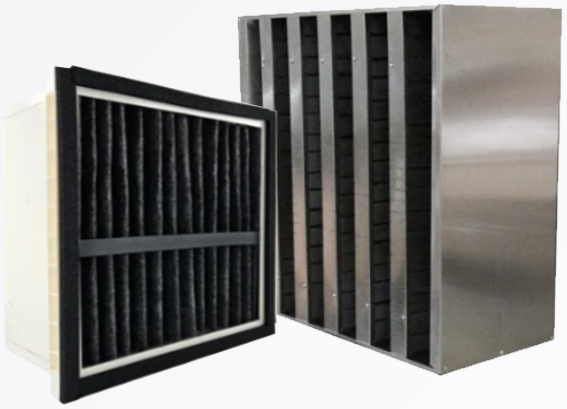
Target specific airborne contaminants,
ensuring optimal air quality in any environment.

Activated Carbon Filters

At Omni CleanAir, we offer a comprehensive range of air filtration solutions tailored to meet diverse needs, including HEPA filters, carbon filters, multi-bag filters, and more.

By integrating our advanced carbon filters into your healthy air initiatives, you can achieve optimal air quality, effectively removing odors, harmful gases, and volatile organic compounds to create a cleaner, healthier indoor environment.



What Is an **Activated Carbon Filter** & Why Use It?

THE RIGHT ACTIVATED CARBON FILTER

Choosing the correct air filtration solution will successfully remove nearly all particular matter from the air. HEPA filtration is highly effective for particles larger and smaller than 0.3 microns. At 0.3 microns, True HEPA filters are still able to remove 99.97% of those particles from the air. Gases and vapors, however, operate at a molecular scale of 0.01 microns and smaller, which cannot be removed by particulate filters. This is where activated carbon filters play a crucial role. Activated carbon works by adsorbing gas molecules, effectively trapping and neutralizing harmful gases and vapors that particulate filters are unable to capture.

OUR CARBON FILTER RANGE

Activated carbon comes in various types and grades, each designed for specific adsorption needs. At Omni CleanAir, we offer a comprehensive range of carbon filters, both as the primary filter in our portable air scrubbers and negative air machines (used interchangeably in place of a HEPA filter) as well as secondary Carbon Filters which are positioned either upstream or downstream of the HEPA Filter. This versatility in carbon filtering solutions significantly enhances air quality improvements in any environment.

MAXIMUM AIR QUALITY & PERFORMANCE

Effective Odor Removal

Carbon filters excel at capturing and neutralizing unpleasant odors, making indoor environments more comfortable and fresh.

VOC and Gas Filtration

They efficiently adsorb harmful volatile organic compounds (VOCs) and gases, improving overall air quality and safety.

Enhanced Air Quality

Works in conjunction with HEPA filters, the addition of Carbon Filters provides comprehensive air filtration by eliminating potentially harmful particles and removing gaseous pollutants and chemicals.

Whether you need robust filtration for industrial applications or effective odor control in commercial settings, our carbon filters are engineered to meet all your air purification requirements.

info@omnicleanair.com | 425.290.3922

Learn more at **omnicleanair.com**

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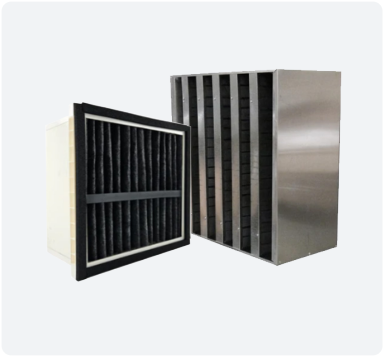
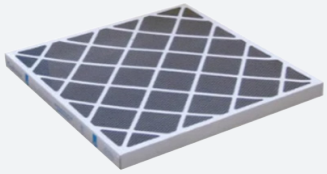


Primary Activated Carbon Filters

Our primary carbon filters are engineered for high-capacity air purification. Featuring advanced V-Bank and deep pleat designs, available in both metal and high-strength plastic frames, these filters maximize the exposure of activated carbon, effectively capturing and neutralizing harmful gases like VOCs, diesel exhaust, and acidic pollutants. Each filter is designed to minimize airflow resistance, ensuring efficient operation without compromising system performance. The high-activity carbon media targets a wide range of pollutants, providing superior first-pass efficiency and long-lasting protection for your environment.

COMPATIBILITY: OA600 NITRO, OA2000, OA2200, OA2500 SERIES



Secondary Activated Carbon Pleated Filter

The secondary pleated filter is designed to function as a pre-filter in negative air machines with a primary HEPA filter, positioned before or after the HEPA filter. It effectively controls odors and particulate matter in environments with light to moderate odor levels. The gradient density media combines particulate filtration with odor control in a single filter unit, an expanded metal reinforcement laminated to the air-exit side of the media for maintaining good airflow and a low-pressure drop. Housed in heavy-duty beverage board frames, these pleated filters offer durability and stability, ensuring reliable performance in demanding applications.

COMPATIBILITY: OA2000, OA2200, OA2500 SERIES, OA1600PAC, AA1000 SERIES

Secondary Activated Carbon Pad Filters

Our 2" carbon pads are designed to serve as effective prefilters in air purification systems, specifically engineered to control odors and gaseous pollutants. These pads are densely packed with 60% activity granular activated carbon and covered in netting, optimizing the filtration process by capturing and neutralizing a wide range of contaminants before they reach the primary filter. Flexible and adaptable, these pads are designed without a die-cut frame, giving them low air resistance. Their flexible design makes them a practical choice for maintaining clean air in commercial, industrial, and residential settings.

COMPATIBILITY: OA600 NITRO, OA600, OA1000, OA2000, OA2200 SERIES, OA1200PAC, OA1600PAC, OVH230 SERIES

Filter Replacement Kit with Carbon Pads

Our comprehensive Filter Replacement Kit is designed to ensure our Commercial Air Purifiers operate at peak efficiency. This kit includes everything you need to maintain optimal air quality: 1 HEPA filter for capturing fine particulate matter, 1 secondary activated carbon pad for effective odor and gas pollutant control, and 1 sound-suppressing exhaust filter pad to reduce noise levels during operation. This all-in-one solution makes it easy to keep your commercial air purification system running smoothly and effectively.

COMPATIBILITY: OCA500/510, OCA1200/1210, OCA1500/1510

Primary Activated Carbon Filters

	OAC1515	OAC1515-H	OCVT18	OCVT2424	OCVBANK2424	OCVBANK 2424-KIT
OA600 Nitro	✓	✓				
OA2000 Series			✓			
OA2200 Series				✓	✓	✓
OA2500 Series				✓	✓	✓

Secondary Activated Carbon Pad Filters

	OG1212	OG1616	OG2418D	OG2424D	OG24181	OG24241	OG10161	OG24161D
MiniForce II	✓							
OA600 Nitro		✓						
OA600 Series	✓							
OA1000 Series		✓			✓			
OA2000 (Pro)			✓		✓			
OA2200 Series				✓		✓		
OA2500 Series						✓		
OA1200PAC		✓						
OA1600PAC			✓		✓			
Vulcan Heater	✓							
Agriair 1000 Series							✓	✓

Filter Replacement Kits with Carbon Pads

	HEPA-500H	HEPA-1200H	HEPA-1500H
OCA500/510	✓		
OCA1200/1210		✓	
OCA1500/1510			✓

Primary Activated Carbon Filters

Model Number	Size H x W x D (Inches)	Media Weight (lbs)
OAC1515	15x15x6	2
OAC1515-H	15x15x6	9.8
OCVT18	24x18x12	27
OCVT2424	24x24x12	36
OCVBANK2424/ OCVBANK2424-KIT	24x24x12	24

Secondary Pleated Carbon Filters

Model Number	Size H x W x D (Inches)	Media Sq. Ft.	Nominal Thickness	Initial Resistance
OG10161	10x16x1	2.22	1"	0.18
OG24161D	24x16x1	5.20	1"	0.18
OG24181	24x18x1	5.94	1"	0.18
OG24241	24x24x1	7.92	1"	0.18

Secondary Carbon Pad Filters

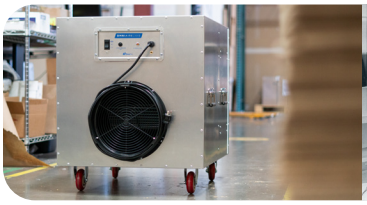
Model Number	Size H x W x D (Inches)	Wt. in g/Sq. Ft. of Filter Area	Nominal Thickness	Initial Resistance 300FPM	500fpm
OG1212	12x12x2	600	2"	0.35	0.82
OG1616	16x16x2	600	2"	0.35	0.82
OG2418D	24x18x2	600	2"	0.35	0.82
OG2424D	24x24x2	600	2"	0.35	0.82

Filter Replacement Kits

Model Number	Size H x W x D (Inches)	Wt. in g/Sq. Ft.	Nominal Thick-ness
HEPA-500H (Carbon Cut Pad)	14x14	485	3/16"
HEPA-1200H (Carbon Cut Pad)	18x18	485	3/16"
HEPA-1500H (Carbon Cut Pad)	18x18	485	3/16"

Partial List of Contaminants **Best Controlled by Activated Carbon**

Acetic Acid
Ally Acetate
Benzyl Acetate
Butyl Acetate
Butyl Ethyl Ether
Butyric Acid
Carbon Tetrachloride
Chloroform
Chlorophenol
Furan
Hexane
Isoamyl Alcohol
Isopropyl Alcohol
Linalyl Format
Methyl Benzoate
Methyl Oxyethanol
Cyclohexane
Cyclohexylbenzene
Decene
Dichlorotoluene
Dimethyl Disulfide
Ethoxyethanol
Ethyl Benzoate Ethyl
Sulfide Ethylene
Dichloride
Formic Acid
Octane
Pentachloroethane
Phenol
Styrene
Thiophenol
Trichlorothane
Trimethylpentane
Methylsalycilate
Nitroanisole
Valeric Acid
Xylene
Acetone
Benzaledehyde
Bezene
Butyl Alcohol
Butyl Mercaptan
Camphor
Chlorobenzene
Chloroctane Cineole
Heptane
Indene
Isoamyl Butrate
Limonene
Limonene Methylally Alcohol
Methylally Butanol
Methyl Ethyl
Ketone(Mek)
Cyclohexanol
Cymene
Dibutylamine
Diethyl Ketone
Dodecane
Ethyl Acetate
Ethyl Methyl Ketone
Ethylbenzene
Ethylene Glycol
Nitrogen Dioxide
Octanoic Acid
Pentylamine
Propionic Acid
Tetrachloroethane
Toluene
Trichloroethylene
Triethylhexane
Mineral Spirits
Nitroethane Vinyl
Pyridine
Acrylic Acid
Benzonitrile
Bromoform
Butylbenzene
Butyl Sulfide
Carbon Disulfide
2-Chloroethanol
Chlorotoluene
Cresol
Heptene
Isoamyl Acetate
Isobutyl Propinate
Lynaly Acetate
Methyl Acetylsalicyate
Methyl Cyclohexanol
Methyl Propyl Ketone
Cyclohexanone
Decane
Dichloroethane
Dimethyl Disulfide
Ethanol
Ethynl Lactate
Ethynl Oxalate
Ethylcyclohexane
Ethylene Glycol Diethyl Ether
Nonane
Octene
Pentyl Ether
Pyridine
Tetrachloroethylene
Tributylamine
Tridecane
Methyl Pentanone (Mibk)
Naphtha
Undecane
Vinyl Toluene



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