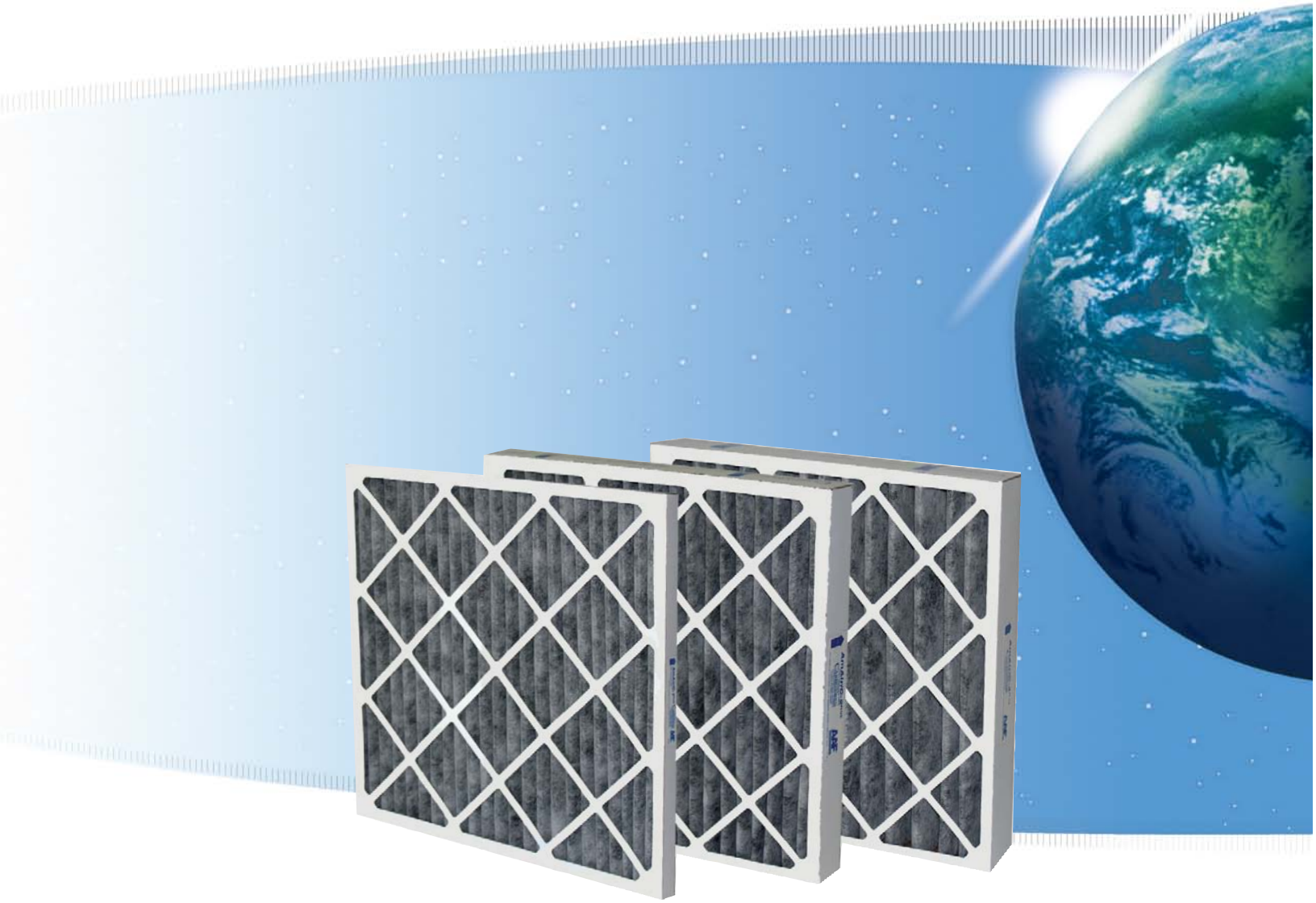


AmericanAirFilter®

AmAir®/C
AmAir®/C*Plus*
AmAir®/CP
AmAir®/Oxi

Economical, Effective, Long-lasting Odor Control and Particulate Filtration

Better Air is Our Business®

AAF® INTERNATIONAL

AmericanAirFilter®

AmAir®/C
AmAir®/C*Plus*
AmAir®/CP
AmAir®/Oxi

Disposable Filters for Economical, Effective, Long-lasting Odor Control and Particulate Filtration

AmAir®/C filters in 1", 2", and 4" depths.

- ***Economical, long-lasting solution to many odor problems***
- ***Available in pleats, panels, and pads***
- ***Activated carbon, activated alumina impregnated with potassium permanganate, and 50/50 blend***
- ***Effective on a wide variety of odors found in:***
  - ***— Commercial buildings***
  - ***— Shopping centers***
  - ***— Hospitals***
  - ***— Restaurants***
  - ***— Health clubs***
  - ***— Airports***
  - ***— Schools***
  - ***— Hotels/motels***
  - ***— Manufacturing operations***
- ***Long-lasting odor removal protection***
- ***Easy to install***
- ***Directly interchangeable with standard air filters***
- ***Disposable***

Odor Control with Particulate Filtration for Improved Indoor Air Quality

The effectiveness of any odor control filter corresponds to the density (weight per square foot) of activated carbon contained in the product. AmAir®/C, C*Plus,* CP, and AmAir®/Oxi filters are more effective than other odor control filters because they contain more chemical media — up to 50 times more.

Greater gas phase media density solves your odor problems by removing odor concentrations and providing protection over a longer period of time. The true test of a gas phase filter is how long it will continue to remove objectionable odors. AmAir/C, C*Plus*, CP, and AmAir/Oxi filters deliver fresh air longer.

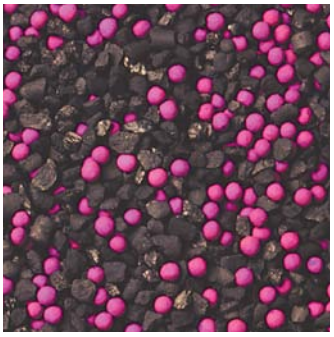
Totally Unitized Construction Offers Superior Strength

AmAir/C, C*Plus*, and AmAir/Oxi filters are contained in a frame constructed of high wet strength, moisture resistant beverage board. Two mating die cut boxes are bonded together forming a double wall around the entire filter. The media is bonded to the inside of the frame on all four edges to prevent leakage and increase rigidity.
A METAL RETAINER is inserted to provide additional support on 2" thick panel filters.

Each panel filter or pad is individually sealed in a poly bag to prevent adsorption of random odors prior to installation.

AmAir®/CPlus Multi-Purpose Blend

AmAir/C*Plus* 50/50 blend (granular activated carbon and potassium permanganate) is recommended for applications such as loading docks near air-handling equipment (air intake) and where sulfur, aldehydes, and VOCs are present in the air stream.



AmAir®/C, CPlus, CP, and AmAir®/Oxi filters use CarbonWeb® filter media. AmAir®/CPlus with 50/50 blend shown above.

Up to 50 More Carbon Than Other Odor Control Filters

Model	Chemical Media Density (grams/ft.^{2})
AmAir/C-1 Pleat (1")	100
AmAir/C-2 Pleat (2")	200
AmAir/C-3 Pleat (4")	300
AmAir/C-3 Panel (2")	300
AmAir/CP-3 Pad (1")	300
C-1*Plus* Pleat (1" 50/50 Blend)	125
C-2*Plus* Pleat (2" 50/50 Blend)	250
C-3*Plus* Pleat (4" 50/50 Blend)	375
AmAir/Oxi-1 (1")	150
AmAir/Oxi-2 (2")	300
AmAir/Oxi-4 (4")	450

Economical, Easy Odor Control

No expensive housings or duct work modifications are necessary. No messy trays to refill or exchange. Simply install the filters as you would standard air filters and dispose of them when they are no longer effective.

Pleated Filters — Activated Carbon

AmAir/C, AmAir/C*Plus*, and AmAir/Oxi pleated panel filters are made with activated carbon: AmAir/C; activated alumina impregnated with potassium permanganate: AmAir/Oxi; or a 50/50 blend of each media: AmAir/C*Plus*. All models are available in 1", 2", and 4" depths, and are interchangeable with conventional particulate filters of the same size. They have a Minimum Efficiency Reporting Value (MERV) of 7 when tested in accordance with ASHRAE Test Standard 52.2 and are approved UL Class 2.

Simply replace your prefilters with AmAir/C, C*Plus,* or AmAir/Oxi pleated panels and enjoy odor removal plus particulate filtration in a single product. No modifications to your current frames or latches are necessary.

Panel Filters

AmAir/C 2" panel filters are directly interchangeable with standard 2" air filters. The AmAir/C panel offers more carbon density per square foot than the 2" pleated model.

AmAir®/C-3 carbon panel filter.

Media Pads

AmAir/CP media pads consist of a 1" thick substrate impregnated with 300 grams of carbon per square foot contained in a fine mesh netting to prevent spilling. Use AmAir/CP pads in combination with particulate filters to add odor removal capability to any filtration system. The carbon pads can be changed independently from other air filters to maximize the service life of each product.

AmericanAirFilter®

AmAir®/C
AmAir®/C*Plus*
AmAir®/CP
AmAir®/Oxi

Engineering Data — Standard Sizes

Nominal Size (inches)	Actual Size (Inches)	Pleated Filters	Panel Filters	Media Pads	Airflow Capacity CFM @300 FPM	@500 FPM	Filters/Pads Per Carton
12 x 24 x 1	11⅜ x 23⅜ x ⅞	•		•	600	1000	12
16 x 20 x 1	15⅜ x 19⅜ x ⅞	•		•	650	1100	12
16 x 25 x 1	15⅜ x 24⅜ x ⅞	•		•	850	1400	12
18 x 24 x 1	17⅜ x 23⅜ x ⅞	•		•	900	1500	12
20 x 20 x 1	19⅜ x 19⅜ x ⅞	•		•	850	1400	12
20 x 24 x 1	19⅜ x 23⅜ x ⅞	•		•	1000	1650	12
20 x 25 x 1	19⅜ x 24⅜ x ⅞	•		•	1050	1750	12
24 x 24 x 1	23⅜ x 23⅜ x ⅞	•		•	1200	2000	12
12 x 24 x 2	11⅜ x 23⅜ x 1¾	•	•		600	1000	6
16 x 20 x 2	15⅜ x 19⅜ x 1¾	•	•		650	1100	6
16 x 25 x 2	15⅜ x 24⅜ x 1¾	•	•		850	1400	6
18 x 24 x 2	17⅜ x 23⅜ x 1¾	•	•		900	1500	6
20 x 20 x 2	19⅜ x 19⅜ x 1¾	•	•		850	1400	6
20 x 24 x 2	19⅜ x 23⅜ x 1¾	•	•		1000	1650	6
20 x 25 x 2	19⅜ x 24⅜ x 1¾	•	•		1050	1750	6
24 x 24 x 2	23⅜ x 23⅜ x 1¾	•	•		1200	2000	6
12 x 24 x 4	11⅜ x 23⅜ x 3¾	•			600	1000	3
16 x 20 x 4	15⅜ x 19⅜ x 3¾	•			650	1100	3
16 x 25 x 4	15⅜ x 24⅜ x 3¾	•			850	1400	3
18 x 24 x 4	17⅜ x 23⅜ x 3¾	•			900	1500	3
20 x 20 x 4	19⅜ x 19⅜ x 3¾	•			850	1400	3
20 x 24 x 4	19⅜ x 23⅜ x 3¾	•			1000	1650	3
20 x 25 x 4	19⅜ x 24⅜ x 3¾	•			1050	1750	3
24 x 24 x 4	23⅜ x 23⅜ x 3¾	•			1200	2000	3

Performance Data

Model Designation	Size	[1]Rated Initial Resistance (in. w.g.) @300 FPM	@500 FPM	Efficiency @500 FPM	Recommended Final Resistance (in. w.g.)	[2]Carbon Density (gms./ft.²)
AmAir/C, AmAir CPlus, and AmAir/Oxi Pleated Panel Filters:						
C-1, C-1*Plus*, and Oxi-1	1"	0.21"	0.41"	MERV 7	1.0"	100
C-2, C-2*Plus*, and Oxi-2	2"	0.16"	0.36"	MERV 7	1.2"	200
C-3, C-3*Plus*, and Oxi-3	4"	0.15"	0.30"	MERV 7	1.2"	300
AmAir/C Panel Filter:						
C-3 Panel	2"	0.31"	0.75"	MERV 5	1.2"	300
AmAir/CP Media Pad:						
CP-3 Pad	1"	0.25"	0.54"	---	1.0"	300

(1) All performance data is based on the ASHRAE 52.2-1999 test method. Performance tolerances conform to Section 7.4 ARI Standard 850-93.
(2) Carbon density is stated in grams per square foot of filter face area.

Carbon Activity Rating
Minimum 60% on carbon tetrachloride (CCl4) at 25˚C.

Operating Temperature Limits
AmAir/C, C*Plus,* and CP filters and pads are designed for continuous operating temperatures up to 120˚F (49˚C). Temperatures above 120˚F have an adverse effect on adsorption.

Underwriters Laboratories, Inc. Classification
AmAir/C, C*Plus,* and CP filters and pads are classified Class 2. Testing was performed according to UL Standard 900 and CAN 4-S111.

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