

**Purolator**  
a CLARCOR company

# AIR FILTRATION PRODUCTS BROCHURE



# BASIC EFFICIENCY



# Purolator®

a CLARCOR company

## Premier source for air filtration for home, commercial, industrial, & institutional applications

CLARCOR Air Filtration Products, Inc. (CLC Air) was founded in 1964 and manufactures HVAC filtration products under the Purolator brand name. Since its founding, the Purolator brand of air filtration products has provided its customers with high quality products and the best brand name recognition in the HVAC industry. Purolator products can be found everywhere, in retail outlets, commercial buildings, office complexes, industrial plants, healthcare facilities, schools, universities, and public and government buildings.



### F312

- Disposable fiberglass 1" & 2" panel filters
- Space saving notched frame
- Safe, fast, easy installation
- Wide selection of standard sizes
- Ideal for residential, commercial or light industrial use



### P312

- 1" & 2" filters perform well in areas of high lint and dust content
- High velocity system pre-filter
- Monobond frame option for warehouse and freight cost savings
- Ideal for residential, commercial or light industrial use



### Pad & Frame System

- Simple to use
- 18 gauge construction for heavy duty use
- Long service life
- Maintenance free
- Various pad sizes and materials



### Delta P™

- MERV 7 fiberglass media
- 1" & 2" styles available: pinched frame (DPM7) or die cut (DPD7)
- High dust holding capacity and lower pressure drop

# SPECIALTY ITEMS

## Automatic Roll

- Perfect for a higher standard of cleanliness: kitchens, cafeterias, computer rooms, etc.
- For use with AAF Roll-O-Matic, Continental Conomatic, Farr Roll-Kleen, Cambridge Electro-Aire, and Trane Equipment
- Fiberglass or Synthetic

## Cut-It-Yourself

- Synthetic / Foam / Fiberglass / Aluminum Pads
- Fits virtually all window air conditioning units
- Easy installation / Convenient disposal
- Washable / Reusable (except fiberglass)

## Bulk Fiberglass Media

- Utility glass for light industrial, commercial, and residential use
- Blue laminated glass for heavy industrial & commercial applications
- Window unit glass
- Paint arrestor glass for paint overspray in air exhaust systems
- Tint on air entering side for proper installation

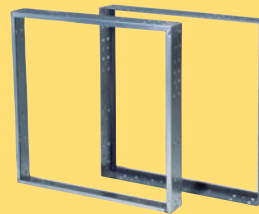
## Hogshair Rolls

- Strong, coarse natural fibers requiring no frame
- Latex coated with scrim back
- Wash or vacuum to clean
- Trim to fit with household scissors
- Excellent on heavy lint concentrations



## Purolator Media Air Cleaner

- Ships standard with PAF11 air filter (MERV11)
- 22-gauge powder coated construction prolongs unit life
- Available in 3 sizes: 16x25, 20x25, and 20x20



## Puro-frame & Puro-clips

- Sheared, deburred preformed edges
- Multiple notches allow various filter/clip installations
- 16 gauge galvanized steel 3" holding frame
- Assorted clips

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## Paint Arrestors

- Designed to simplify maintenance / cleanliness of paint booths
- Fiberglass media or paper available
- Entire pad is utilized eliminating splatter and release of contaminants

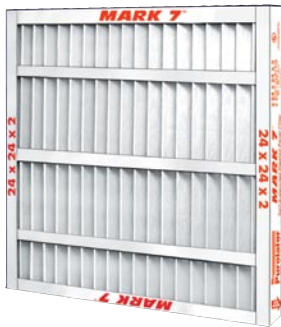
# MEDIUM EFFICIENCY



## Hi-E 40™ CB Combination Media Removes Particulate *Plus* Gases and Odors

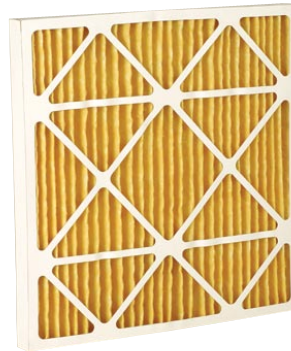
The goal of a Purolator hi-E 40 CB pleated filter is to promote improved indoor air quality through adsorbents for gaseous control. These carbon-loaded pleated filters clean the air by removing airborne molecular contaminants present at levels less than one part per million. Each hi-E 40 CB filter is loaded with 200 grams/sq. meter (GSM) of superior, 60% active, 20 x 50 mesh-size carbon particles. Our top-grade carbon provides six times the adsorbent surface area of standard GAC carbon, making it vastly more effective, efficient, and long-lasting. The dual layer, electrostatically charged media is pleated to substantially increase the amount of media surface area contained in the filter allowing it to provide 30-35% efficiency with a MERV-8 rating.

Appropriate end users are those involved with filtration of hospital facilities, chemical plant offices/labs, pollution control areas, sewage disposal and waste management plant offices, airports, kitchens and restaurants, or commercial offices.



## Mark 7™

- Self-supported pleated panel filters
- MERV 7 (Mechanical)
- 100% Synthetic Media
- No Metal - Fully Incinerable
- Available in 18 standard 2" sizes



## PAF11

- PAF11: MERV 11
- Self-supporting, extended surface, pleated air filter
- Electrostatic media removes more airborne particles



## Mono Pleat

- Economical, high capacity replacement for 1" disposable panel
- One-piece wrap-around frame
- Residential, commercial, or light industrial use



## Class 1 Pleat High Temp Pleat

- Class 1 Pleat: U.L. tested and approved Class 1 filter
- Hi-Temp: Constructed to operate at 400°F continuously and 450°F for short intervals



## Purolator 2000/P1200

- Replacement filter for home heating/air cooling system cleaners: Research Products Corp. *Space-Gard*, *Trion's Air Bear*
- Reduces dust accumulation, allergy causing irritants, greasy and oily buildup
- Reduces maintenance costs



## P25

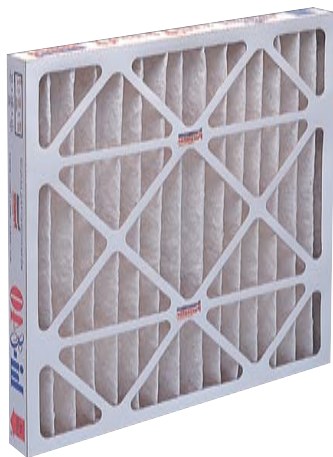
- MERV 8
- Replacement cartridge for Honeywell F25
- 95% efficiency on 5 microns and larger
- Moisture resistant frame with double wall construction



## PURO CELL Carbon-Loaded Rigid Box Filter

The PURO CELL® filter is a rigid box-type filter engineered to provide medium and high-efficiency filtration combined with adsorbents for gaseous control. Its construction eliminates the need for retainers and special external wire media supports. A high surface area-to-depth ratio provides the maximum amount of effective filter media in areas of minimum in-line duct space. These carbon-loaded pleated box filters clean the air by removing airborne molecular contaminants present at levels less than one part per million.

Appropriate end users include critical manufacturing industries (including pharmaceuticals, microelectronics, and cleanrooms) require top-quality air filtration products like the PURO CELL filter to remove low level concentrations of gases.



## Hi- E 40 Pleat Medium Efficiency Pleated Filters

Purolator's hi-E 40 Pleated filters are medium efficiency, self-supported, extended surface, pleated filters. The media area and initial air flow resistance have been carefully balanced to withstand flow capacity up to 625 FPM while maximizing dust holding capacity. The hi-E 40 filter is available in 1", 2", or 4" depth measurements and over 20 standard face sizes to accommodate most system requirements.

The hi-E 40 products' construction standard includes Kraft beverage board frames, which promote moisture resistance. The hi-E 40x model is available as an economy grade type pleated filter for immediate upgrade from a panel or pad type filter. The blend of cotton and synthetic fibers allows for the ultimate in dust holding capacity through the full range of medium efficiency pleated air filters.



### MPSG 2200/2250

- Replaces Space-Gard 201



### MPSG 2400

- Replaces Space-Gard 401

# ATI

a CLARCOR company



## ATI Activater Panels

- Designed for applications with high humidity or varying temperature conditions
- 2-ply & 3-ply options
- Excellent pre-filter for higher efficiency bag and box filters
- Moisture resistant
- Eliminates air bypass



## ATI Ultra II Bags

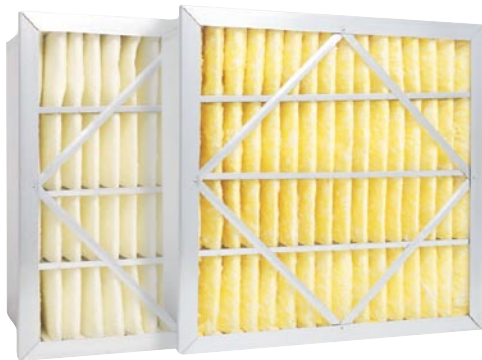
- Cap: 1 ply, 2 ply synthetic media and type G fiberglass media
- Flo: Fiberglass media; type S polyester media
- Cube: 2-3 ply
- Standard or unitized
- Double layer of polyester media with tackifier on downstream side increases dirt holding capacity, prevents fiber migration

# HIGH EFFICIENCY



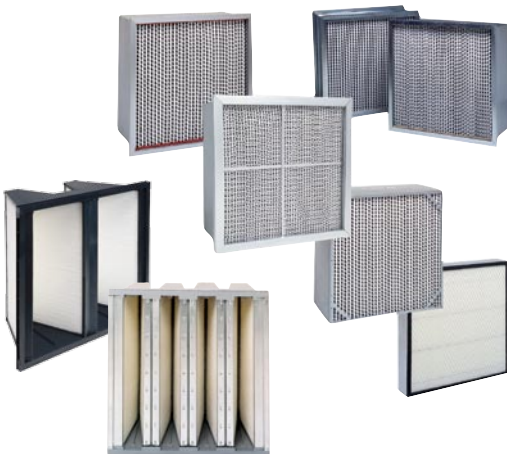
## SERVA-PAK™ Extended Surface Area Bag Filters

The Purolator SERVA-PAK filter is an extended surface high capacity air filter composed of individual dust holding pockets assembled in a metal support frame. Available in a variety of filter efficiencies, sizes and capacities, the SERVA-PAK filter allows maximum performance in given applications. Purolator's unique process of fastening adjacent J-channel frames incurs no media damage during assembly or shipment. The SERVA-PAK filter is offered in four standard sizes and 24 depth and capacity combinations making it adaptable to a variety of frame and track systems. SERVA-PAK filters are either Class 1 or Class 2 listed by UL, and are available in either fiberglass or synthetic media.



## AERO-CELL™ High-Efficiency Rigid Air Filter

AERO-CELL filters are rigid air filters engineered to provide medium and high efficiency filtration combined with a prolonged life cycle. Their box filter construction eliminates the need for retainers and special external wire media supports. The AERO-CELL configuration features a strong, corrosion-resistant galvanized steel frame. To prevent air bypass, the filter pak is sealed to the frame on all sides. Filter integrity is maintained by galvanized steel stabilizers on both the air entry and exit sides of the pak. The Purolator AERO-CELL filter is available in fiberglass or synthetic media. AERO-CELL filters are UL Class 1 and Class 2 listed. The AERO-CELL filter will operate to a final pressure drop of 1.5" W.G. and is capable of withstanding 10" w.g. pressure drop without noticeable media-pak deterioration.



## SERVA-CELL® Family of Filters

Purolator's SERVA-CELL filter is a rigid air filter engineered to provide medium and high efficiency filtration combined with a prolonged life cycle. Their box filter construction eliminates the need for retainers and special external wire media supports. The rugged design and materials of construction make the SERVA-CELL filter effective in challenging applications where high humidity, turbulent airflow, intermittent water exposure, and elevated operating temperatures are present.

A high surface area to depth ratio provides the maximum amount of effective filter media in areas of minimum in-line duct space. SERVA-CELL filters will operate to a final pressure drop of 1.5" W.G. and are capable of withstanding 10" w.g. pressure drop without noticeable media-pak deterioration. They are especially suited for Variable-Air-Volume (VAV) or cycled HVAC systems.



## DOMINATOR™ Rigid Cell Extended Surface Filter



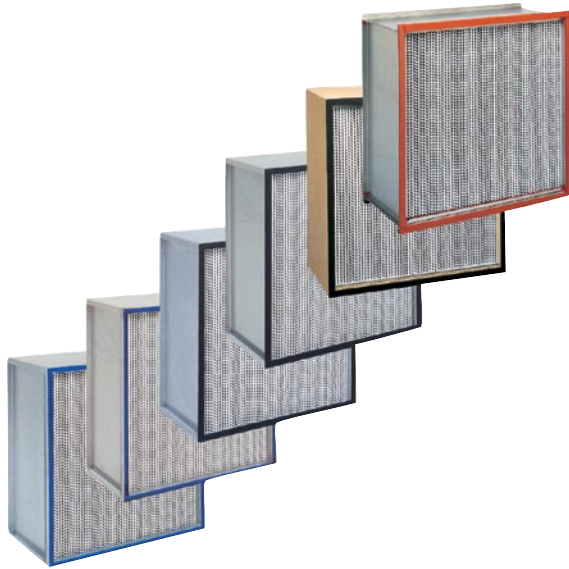
DOMINATOR high efficiency filter is a perfect sustainable component for your next LEED/Green Building initiative. The DOMINATOR 4" is a MERV 14 and the 12" is MERV 15 (Standard 52.2 Medium Efficiency Reporting Value) product with extremely low initial resistance characteristics. MERV 14 & 15 is hospital compliant for full patient care. The DOMINATOR will help you increase your overall filter efficiency, to exceed LEED requirements of MERV 13, while maintaining or lowering your energy costs.

Unique Channel Flow Molded Media:

- Class 1, UL900
- 4" is MERV 14 and 12" is MERV 15
- Very Low Resistance
- High Dust Holding Capacity
- All Plastic Construction
- Light Weight

Patent #6,685,833





## ULTRA-CELL® HEPA Filters

Purolator's ULTRA-CELL HEPA filter products are high efficiency aluminum separator style filters, except for the ULTRA-CELL "V" Pleat. They are manufactured for environments requiring 95% minimum efficiency on .3 micron particles, 99.97% efficiency on .3 micron, or 99.99% efficiency on .3 micron (scan tested to assure no leak shall exceed 0.01% of the upstream challenge).

The media is a continuous sheet of non-combustible, waterproof, microfiberglass. Each is available in a variety of frame materials—16-gauge galvanized metal, stainless steel, fire retardant particle board, or extruded anodized aluminum. Customers may choose a gasket seal (neoprene material) or fluid seal (Puro-gel) option. High temperature models are also available. Each is offered in various filter face sizes, and two depth sizes—5 $\frac{7}{8}$ " and 11 $\frac{1}{2}$ ".

All Type A HEPA filters (except for the 95%) are tested for pressure drop and efficiency. Filters that are 99.99% are scan tested for leaks that are .01% of the upstream challenge, per IEST-RP-CCO1.3.

## Cleanroom Products

Purolator's family of MICROPAK™ Cleanroom Filters provide a wide range of products for the cleanroom user or the design engineer. MICROPAK Cleanroom Filter products have a range of filter efficiency from 99.99% scan tested at .3 microns to 99.9995% at .12 microns.

MICROPAK Cleanroom Hoods and Modules range from our economical MICROPAK Disposable Module to our state-of-the-art MICROPAK Permanent Hood (roomside replaceable). The Purolator MICROPAK Permanent Hood is constructed from our standard .063 Aluminum to 304 Stainless Steel. The family of MICROPAK products includes a wide range of filter extrusions for fluid seal ceiling grid systems and replacement filters for competitive hoods. MICROPAK Mini Pleat filters are constructed in various filter pack depths and come in anodized, stainless steel, or gasket style frames. Fluid and gasket seals are also available.



## ASHRAE, HEPA, and Bag-In/Bag-Out Housings

Purolator's wide range of ASHRAE and HEPA housings are manufactured using stainless or galvanized steel construction materials depending upon customer requirements. These housings include: ASHRAE Side Access, Flat or Vee-Bank Assembly, Bag-in/Bag-out HEPA fluid and gasket seal, HEPA Side Access fluid and gasket seal, and Carbon Side Access configurations. Each one is designed for specific new construction applications, and can stand alone, or be used in a multi-bank set-up (size and filter selection information is available on each product data sheet). As specified, housings include tracking for prefilter/final filter combinations, or specified track design for optimum air exposure. A broad range of face and depth sizes are available to accommodate most system requirements and filter configurations. Each housing is constructed with specific features which increase product versatility, integrity, and ease of use:

- Fully gasketed doors with positive lock door latches
- Double wall construction with corner gussets along the upstream side
- Intermittently welded seams sealed with silicone compound
- Center stabilizer bars on models wider than 24"
- Weatherproofing & Insulation



# INNOVATIVE CLEAN AIR SOLUTIONS

**Purolator Products Providing Clean Air for People and Processes Worldwide...**

**Malls and Shopping Centers**



**Schools**



**Office Buildings**



**Cleanrooms**



**Hospitals**



**Automotive Manufacturing**



**Gas Turbines**



**Museums**

Purolator has grown to be one of the world's foremost manufacturers of air filtration products for the commercial, industrial and institutional markets.

The basic premise on which the company was founded is to provide replacement filters for all types of HVAC systems. Whatever type of air filtration equipment is installed in your facilities, Purolator can provide a direct replacement or recommend alternatives for improved indoor air quality, lower cost and longer service life.

Purolator offers products in every category of air filters from disposable panel filters and pleated filters to high efficiency extended surface filters and HEPA filters. A wide variety of filters for specialized applications is also available, including paint overspray collection, lint and ink mist collection, gas phase adsorption and dust collection.

*No other air filter manufacturer has a broader line of products to meet the demanding needs of an increasingly complex market.*

**P-APB-W-207**



[www.purolatorair.com](http://www.purolatorair.com)



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