



WHOLESALE

**AIR FILTRATION
PRODUCTS BROCHURE**



BASIC EFFICIENCY



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

CLARCOR Air Filtration Products, Inc. was founded in 1964 and manufactures HVAC filtration products under the Purolator brand name. Since its founding, Purolator air filtration products has provided its customers with high quality air filtration solutions 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
- 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

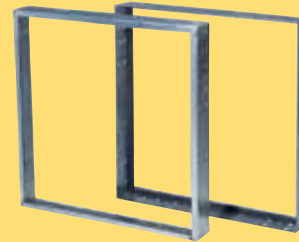
- Simple to use
- 18 gauge construction for heavy duty use
- Long service life
- Maintenance free
- Various pad sizes and materials



Automatic Roll

- Perfect for high dust loading applications
- For use with AAF Roll-O-Matic, Continental Conomatic, Farr Roll-Kleen, Cambridge Electro-Aire, and Trane Equipment
- Fiberglass or Synthetic

SPECIALTY ITEMS



Puro-frame & Puro-clips

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



Cut-It-Yourself

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



Permalast® Rolls

- Strong, coarse polyester fibers requiring no frame
- Wash or vacuum to clean
- Trim-to-fit with household scissors
- Excellent on heavy lint concentrations



Bulk Fiberglass Media

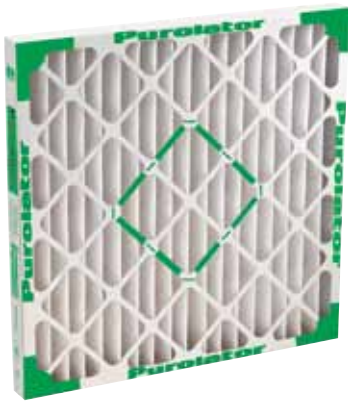
- Utility glass for light industrial, commercial, and residential use
- Blue laminated glass for heavy industrial and commercial applications
- Window unit glass
- Paint arrestor glass for paint overspray in air exhaust systems
- Tint on air entering side for proper installation



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



Puro-g13een®

- 100% synthetic media
- Offered in 1", 2" and 4" thickness
- LEED/Green compliant
- MERV 13 performance
- Moisture resistant beverage board



Hi-E® 40 Pleat

- 100% synthetic media
- MERV 8 performance
- Available in 1", 2", and 4"
- Stronger adhesive with more bonding points
- Lower initial resistance for energy savings



Key Pleat®

- Self-supported pleated panel filters
- MERV 8/8-A
- 100% synthetic media
- 16.4 (HC), 10.16 (SC) pleats per foot (2")
- 1", 2", 4" High Capacity
- 1", 2" Standard Capacity
- No metal - fully incinerable



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



Hi-E® 40 CB

- Combination media removes particulate plus gases and odors
- MERV 8 performance
- Loaded with 200 grams of carbon
- 30-35% efficiency
- Dual-layer, electrostatically charged media



Hi-E® 40 H

- Hi-Temp: Constructed to operate at 500°F
- MERV 8
- 24-gauge aluminized steel perimeter frame



Purolator 2000/P5 & 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 build-up
- Reduces maintenance costs



P25

- MERV 8
- Replacement cartridge for Honeywell F25
- 95% efficiency on 5 micrometers 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) that require top-quality air filtration products like the PURO CELL filter to remove low level concentrations of gases.



MPSG 2200/2250

- Replaces Space-Gard 201



MPSG 2400

- Replaces Space-Gard 401



ATI Activator 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



ATI Streamline

- Polyester media
- 2-ply & 3-ply options
- Moisture resistant
- Eliminates air bypass

HIGH EFFICIENCY



SERVA-PAK™ and SERVA-PAK™ S Bag Filters

The Purolator SERVA-PAK filter is an extended-surface high-capacity air filter composed of individual dust holding pockets attached to a metal header. 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 twelve standard sizes and pocket depth combinations which makes it adaptable to a variety of frame and track systems. SERVA-PAK filters are listed by UL, and are available in either fiberglass or synthetic media. Available in sewn pocket (fiberglass) or sonic weld pockets (synthetic).



AERO-CELL™ High-Efficiency Rigid Air Filter

AERO-CELL 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 AERO-CELL configuration features a strong, corrosion-resistant galvanized steel frame. To prevent air bypass, the filter pack 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 media pack. The Purolator AERO-CELL filter is available in fiberglass or synthetic media. The AERO-CELL filter will operate to a final pressure drop of 1.5" W.G.



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. 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 11 and the 12" is MERV 11 & 15 (Standard 52.2 Minimum 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 efficiency requirements of MERV 13, while maintaining or lowering your energy costs.



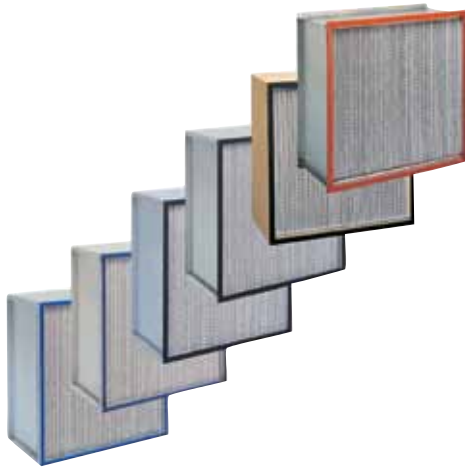
DOMINATOR filters are made with 100% synthetic media that is extremely durable, resists tearing, abrasion and is highly damage resistant. No more media damage during shipping, handling or installation. DOMINATOR media is also unaffected by exposure to moisture and some chemicals.



DOMINATOR® LoadTech™ Rigid Cell Extended Surface Filter

DOMINATOR LoadTech filters are manufactured with our E-pleat® proprietary media. The DOMINATOR 4" is MERV 14 and holds 2X more dust with 100% synthetic, exclusive, blue media with our LoadTech Embossed Design. The filter has a longer filter life and fewer filter change-outs with higher dust holding capacity and has 12" filter performance in a 4" filter. The DOMINATOR LoadTech will increase your cost savings by reducing energy costs with low pressure drop and low energy consumption. The DOMINATOR LoadTech offers simplified handling and easy installation plus reduced storage space, less weight and lower shipping costs. The filter is completely incinerable with high impact plastic frame and lightweight construction.



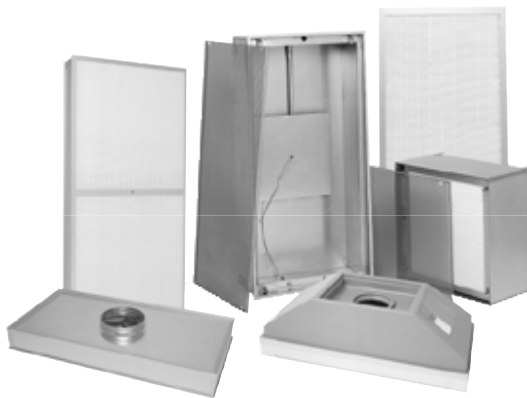


ULTRA-CELL® HEPA Filters

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 micrometer particles, 99.97% efficiency on .3 micrometers, or 99.99% efficiency on .3 micrometers (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 (urethane 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—5½" and 11½".

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 0.01% of the upstream challenge, per IEST-RP-CCO1.4.



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 micrometers to 99.9995% at .12 micrometers.

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 and 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 increases 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 and Insulation

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

Office Buildings

Malls and Shopping Centers

Schools

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, and gas-phase adsorption.

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

P-APBW-1114



www.clclair.com/purolatorair



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