Purolator

AIR FILTER SELECTION GUIDE

BAGS

RIGIDS

PLEATS

CUSTOMS

HEPA

FILTER SELECTION OPTIONS
HVAC Applications

Typical Applications	Type of Air Handling Equipment	Typical Air	
		Pre-filters	**Purolator Product Selection**
Residential Apartments, Condominiums Single Family Homes	Room Air Conditioners Residential Furnace & Air Conditioning Units	Not Applicable	Not Applicable
Light Commercial Hotels, Motels (Sleeping Rooms) Light Industrial Nursing Homes Schools (Classrooms) Small Office Buildings	Light Commercial Heating & Air Conditioning Units Packaged Terminal Air Conditioners Unit Ventilators Fan Coil Units	Not Applicable	Not Applicable

Commercial, Industrial, Institutional
Airports
Auditoriums
Banks
Bars, Cocktail Lounges
Bowling Alleys
Casinos
Commercial Buildings
Correctional Facilities
Electric Utilities
Food Processing
Government Buildings
Health Care Facilities
  Inpatient Care, Administrative, Sterile
  Processing, Food Processing, Storage, Soiled
  Holding Areas
Hotels (Public Spaces)
Industrial Plants - Offices, Plant Air
Institutional Facilities
Museums
Residential (High Rise)
Restaurants, Cafeterias
Retail Stores, Super Markets
Schools, Universities
Sports Arenas, Gymnasiums
Theaters
Train Stations, Bus Depots
Warehouses, Storage Areas
	Rooftop Air Handling Units
	Central Station Air Handlers
	Built Up Frame Banks
	Side Access Housings
		Disposable Panel Filters
		Pleated Filters
		
		Filter Media & Frames
		Ring Panels, Links
		Poly Cube Filters
		Automatic Roll Filters
			F312, P312
			Defiant Mark 80-D, Hi-E 40, PAF 11,
			Puro-g13een, Key Pleat
			StreamLine
			Series N
			Ultra II, SynPak
			Fiberglass, Synthetic

Sensitive Processes
Health Care
  Protective Environment Rooms, Airborne
  Infection Isolation Rooms, Surgical Suites
Labs
Microelectronics, Semiconductor
Pharmaceutical Production
Photo Film
Research Facilities
Universities
	Rooftop Air Handling Units
	Central Station Air Handlers
	Built Up Frame Banks
	Side Access Housings
		Disposable Panel Filters
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			StreamLine
			Series N
			Ultra II, SynPak
			Fiberglass, Synthetic

Ducted Ceiling Modules
- Low profile design - only 5" deep
- Roomside adjustable diffuser
- Anodized extruded aluminum construction

Dominator® LoadTech™ High Efficiency Rigid Cell Extended Surface Filters
- MERV 14
- Sustainable Component for a LEED/Green Building Initiative

Patent #6,685,833

Dominator® High Efficiency Rigid Cell Extended Surface Filters
- MERV 11 & 15
- Sustainable Component for a LEED/Green Building Initiative

Patent #6,685,833

MicroPak® HEPA, ULPA Filters
- 99.99%, 99.999%, 99.9995% efficiencies
- Mini-pleat media pack
- Anodized extruded aluminum cell sides
- All cell side configurations - gasket seal, gel seal, knife edge

Ultra-Cell® HEPA, ULPA Filters
- 99.97%, 99.99%, 99.999% efficiencies
- Separator style media pack
- Wood or metal construction
- Individually tested

Purolator

Filter Products

Final Filters	Purolator Product Selection
Disposble Panel Filters Pleated Filters (1") Polyurethane Foam Latex Coated Natural Fiber	P312, F312 Defiant Mark 80-D, Hi-E 40, PAF 11 Foam Media Permalast
Pleated Filters Ring Panel Filters Slip-Ons Filter Media & Frames	Defiant Mark 80-D, Hi-E 40, PAF 11 Puro-g13een, Key Pleat Series N Slip-Ons StreamLine
Extended Surface Pocket Filters (50 - 90%) Extended Surface Rigid Cell Filters (60 - 95%)	Nano-Pak, Defiant, Serva-Pak S, Serva-Pak Serva-Cell, Serva-Cell Compact, Serva-Cell Mini Pleat, Serva-Cell 2VS, Serva-Cell PV, Aero Cell, Dominator LoadTech 4", Dominator 4" and 12"
Extended Surface Pocket Filters (50 - 90%) Extended Surface Rigid Cell Filters (60 - 95%) HEPA, ULPA Filters Disposable Ducted Ceiling Modules Replaceable Filter Ceiling Modules	Nano-Pak, Defiant, Serva-Pak S, Serva-Pak Serva-Cell, Serva-Cell Compact, Serva-Cell Mini Pleat, Serva-Cell 2VS, Serva-Cell PV, Aero Cell Ultra-Cell, MicroPak Mini MicroPak Disposable Module MicroPak Permanent Hood

Disposable Panel Filters
• Fiberglass and synthetic media
• High strength pinch frame
  construction
• Space saving nested packaging

Ring Panel Filters
• Select from four styles
• Tackified media for
  high dust holding capacity,
  long service life
• MERV 6 to 7

Hi-E®40 and Defiant® Mark 80®-D Pleated Filters
• High wet strength beverage
  board frame
• Durable double wall construction
• Mechanical MERV 8

Puro-g13een®

Pleated Filters
• LEED/Green Compliant
• 100% synthetic media
• MERV 13

Key Pleat® Pleated Filters
• MERV 8 standard and high capacity
• 100% synthetic media
• Self supported
• Damage resistant
• No metal
• Fully incinerable

PAF 11 Pleated Filters
• Highest initial and average efficiency
  with electrostatically enhanced, needled media
• MERV 11

Serva-Cell® PV High Capacity Rigid Cell Filters
• Mini-pleat media pack design for low resistance
• Rigid all plastic construction
• Dura-Tuff™ 100% synthetic media

Ultra II Self-Supported Pocket Filters
• Cube style and
  multi-pocket models
• Durable, moisture resistant
  polyester media
• Outstanding service life

Serva-Cell® High Efficiency Rigid Cell Filters
• Rigid cell design for difficult
  operating conditions
• Moisture resistant construction
• Three efficiencies

Complete Line of Purolator Bag Filters

**Nano-Pak®
Defiant®
Serva-Pak S™
Serva-Pak ™**

AIR FILTER SELECTION GUIDE
Filter Efficiency Selection

Efficiency	MERV	Filter Type	Purolator Product Selection
Less Than 20%	MERV 1 - 4	Disposable Panel Filters Permanent Metal Filters Fiberglass Media Latex Coated Natural Fiber Media Foam Media	Disposables PFAM Utility Glass Permalast Foam Media
Less Than 20%	MERV 3 - 4	Automatic Roll Filter Media	Autorolls
20 - 30%	MERV 6 - 7	Synthetic Media Ring Panel Filters Pleated Filters	StreamLine Polyester Media Activator Series (2 Ply, 3 Ply), Series N Hi-E 40AM, Mono Pleat, Key Pleat
30 - 40%	MERV 7 - 8	Self-Supported Pocket Filters Pleated Filters	Ultra II Bags, Hi-E40, Hi-E40H, PAF11 (Merv11), Hi-E40I, Hi-E40CB, Defiant Mark 80-D, Key Pleat
50 - 60%	MERV 9 - 10	Extended Surface Rigid Cell Filters	Aero Cell and Aero Cell 50%
60 - 70%	MERV 10 - 11	Extended Surface Pocket Filters Extended Surface Rigid Cell Filters	Serva-Pak 50%, Serva-Pak S 50% Serva-Cell 65%, Serva-Cell, Compact Series, Serva-Cell Mini Pleat 65%, Serva-Cell 2Vs, Serva-Cell PV 65%, Aero Cell 60%, Aero Cell 60% Synthetic, Dominator 4" and 12"
70 - 80%	MERV 12 - 13	Extended Surface Pocket Filters Pleated Filters	Serva-Pak 65%, Serva-Pak S 65% Puro-g13een
80 - 90%	MERV 13 - 14	Extended Surface Pocket Filters Extended Surface Rigid Cell Filters	Defiant 85%, Serva-Pak 85%, Serva-Pak S 85% Serva-Cell 85%, Serva-Cell Compact 85%, Serva-Cell Mini Pleat Gl 85%, Serva-Cell 2Vs, Serva-Cell PV 85%, Dominator LoadTech 4", Aero Cell 85% FG and SYN
90 - 95%	MERV 14 - 15	Extended Surface Pocket Filters Extended Surface Rigid Cell Filters	Nano-Pak 95%, Defiant 95%, Serva-Pak 95%, Serva-Pak S 95%, Serva-Cell 95%, Serva-Cell Compact 95%, Serva-Cell Mini Pleat 95%, Serva-Cell 2Vs, Serva-Cell PV 95%, Dominator 12", Aero Cell FG and SYN 95%
95% DOP	MERV 16	Extended Surface Pocket Filters Extended Surface Rigid Cell Filters	Nano-Pak 98% Ultra Cell 95%, Serva-CELL PV
99.97% 99.99% 99.999% 99.9995%	NA	HEPA/ULPA Filters	Ultra Cell, MicroPak Ducted Disposable, Ultra Cell V