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

www.airguard.com
The Industry Looks to Airguard for Leadership in Air Filtration Technology

Expert technical assistance.
Ask for an audit of your air filtration systems by a factory trained Airguard representative.

Worldwide distribution network.
State-of-the-art production facilities, including ISO-9001 Certification of the Jeffersonville, Indiana and Campbellsville, Kentucky manufacturing complexes.

Airguard products...
can be found improving the quality of air around the world in hospitals, office buildings, industrial plants, laboratories, pharmaceutical facilities, schools, museums, sports arenas, residential complexes…and many more.

Other specialized products…
are used for gas turbine air intake systems, paint overspray collection, gas phase adsorption, lint, ink mist and grease collection.

No other manufacturer…
offers a broader line of products to meet your requirements for clean air and better indoor air quality backed by an experienced staff of technically qualified experts who know the air filtration business.

State-of-the-art research and testing facilities.

Our worldwide distribution network…
ensures Airguard products are available anywhere you need them.

For information…
on products, pricing, performance, applications or technical assistance, contact your authorized Airguard representative.

To find out more about Airguard, visit our web site: www.airguard.com
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<td>Less Than 20%</td>
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<td>Disposables Types HS, HD Standard Grade Permalast(^*), Foam Media Types CF, DSF</td>
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<td>Disposable Panel Filters, Synthetic Media, Automatic Roll Filter Media</td>
<td>Tri-Plex 85(^*), StreamLine™ Polyester Media Types YTS, SHP, DMC, DL-1, DL-2</td>
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<td>MERV 6 - 7</td>
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<td>Activator Series (2 Ply, 3 Ply), Series N, Bio-Pure(^<em>), DP4-SA Bio-Pure(^</em>), XTREME+Plus™</td>
</tr>
<tr>
<td>95%</td>
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<td>SynPak, Ultra II Bags, DPGT, DP40, DP40-Max XTREME+Plus, PowerGuard™ (MERV-11), DP Class 1, DPHT, Fresh Air™, Fresh Air™ Supreme</td>
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<tr>
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<td>Extended Surface Pocket Filters</td>
<td>Venti-Pak™ VP-4, Clean-Pak™ CP-4</td>
</tr>
<tr>
<td>95 - 98%</td>
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<td>Pleated Panel Filters, Extended Surface Pocket Filters, Extended Surface Rigid Cell Filters</td>
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<tr>
<td>99%</td>
<td>60 - 70%</td>
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<td>Clean-Pak™ CP-6, Venti-Pak™ VP-6 Bio-Pure(^<em>) Variflow(^</em>), Variflow(^<em>) SC, Variflow(^</em>) Compact Series, Variflow(^<em>) II-M, Variflow(^</em>) II-MC, Vari+Plus(^<em>), Vari-Pak(^</em>), Vari-Pak™ Model S, Bio-Pure(^<em>), V-Force(^</em>), Legacy(^*)</td>
</tr>
<tr>
<td>99%</td>
<td>70 - 80%</td>
<td>MERV 12 - 13</td>
<td>Pleated Panel Filters</td>
<td>Multi-Guard™ MG-7 DP-g13een(^*)</td>
</tr>
<tr>
<td>99%</td>
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<td>Extended Surface Pocket Filters, Extended Surface Rigid Cell Filters</td>
<td>Clean-Pak™ CP-8, Venti-Pak™ VP-8, Multi-Guard™ MG-8, Bio-Pure(^<em>) Variflow(^</em>), Variflow(^<em>) SC, Variflow(^</em>) Compact Series, Variflow(^<em>) II-M, Variflow(^</em>) II-MC, Vari+Plus(^<em>), Vari-Pak(^</em>), Vari-Pak™ Model S, Bio-Pure(^<em>), Legacy(^</em>) 4(^<em>), V-Force(^</em>)</td>
</tr>
<tr>
<td>99%</td>
<td>90 - 95%</td>
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<td>Extended Surface Pocket Filters, Extended Surface Rigid Cell Filters</td>
<td>Clean-Pak™ CP-9, Venti-Pak™ VP-9 Multi-Guard™ MG-9, Bio-Pure(^<em>) Variflow(^</em>), Variflow(^<em>) SC, Variflow(^</em>) Compact Series, Variflow(^<em>) II-M, Variflow(^</em>) II-MC, Vari+Plus(^<em>), Vari-Pak(^</em>), Vari-Pak™ Model S, Legacy(^<em>), Bio-Pure(^</em>), XTREME+Plus™, V-Force(^*)</td>
</tr>
<tr>
<td>Does not apply</td>
<td>95% DOP</td>
<td>MERV 16</td>
<td>Extended Surface Rigid Cell Filters</td>
<td>Microguard® 95, Vari+Plus®, Microguard® LR</td>
</tr>
<tr>
<td>Does not apply</td>
<td>99.97%, 99.99%, 99.999%, 99.9995%</td>
<td>Not Applicable</td>
<td>HEPA/ULPA Filters</td>
<td>Microguard® 99, MicroPleat™</td>
</tr>
</tbody>
</table>

(1) Arrestance and Dust Spot Efficiency ratings are based on the ASHRAE 52.1 - 1992 test method.
(2) Minimum Efficiency Reporting Value (MERV) ratings are based on the ASHRAE 52.2 test method.
DISPOSABLE PANEL FILTERS
1/2", 1", 2" thicknesses

Disposables
- Fiberglass and Synthetic media
- Pinch frame construction with scrim retainer
- 65 - 85% arrestance

Tri-Plex® 85
- Industrial Grade fiberglass media
- Die cut beverage board frame
- 75 - 80% arrestance

PERMANENT METAL FILTERS
Type HD - Steel Construction
Type HS - Aluminum Construction
- Washable for repeated use
- Ideal for high moisture or high velocity conditions
- 60 - 75% arrestance

Fiberglass Medias
- Select from three grades
- 1", 2", 4" thicknesses
- 70 - 90% arrestance

SPECIALTY MEDIAS AND FILTERS
Select from a variety of medias and filters for specialized equipment or applications.
- Lint and ink mist collection
- Replacements for AAF PL-24
- Special application medias

Permalast® Media
- Synthetic fiber media
- 1/2", 1", 2" thicknesses
- Rigid, self-supporting
- Washable
- 50 - 65% arrestance

Foam Media
- 1/4", 1/2", 1" thicknesses
- Washable
- Operates at -50°F to 250°F
- 55 - 65% arrestance
Widest variety of pleated filters available. Choose from 18 different styles.

Type DP® 40/DP Max Pleated Filters
- 1", 2", 4", 6" (only DP Max) thicknesses
- Die cut beverage board frame
- 100% Synthetic media
- 15.0 (DP40), 10.0 (DP Max) pleats per foot (2")
- Mechanical MERV 8

XTREME+Plus™ Pleated Panel Filters
- MERV 7 (Mechanical)
- 100% Synthetic Media
- Self Supported
- Damage Resistant
- No Metal
- Fully Incinerable

PowerGuard™ Filter
- 1", 2", 4" thicknesses
- Die cut beverage board frame
- 100% synthetic media
- 14.3 pleats per foot (2")
- 35 - 40% efficiency, MERV 11

Type DP® Green
- 100% Synthetic Media
- 2" thickness
- 17.5 pleats per foot (2")
- LEED/Green Compliant
- MERV 13

Type DP® GT
- Welded wire pleat support grid
- Pleat stabilizer fingers
- 2", 4" thicknesses
- 30 - 35% efficiency MERV 8

Type DP-65, DP-85, DP-95
High Efficiency Pleated Filters for low velocity applications
- 2", 4" thicknesses
- Die cut beverage board frame
- Ultrafine fiberglass media
- Three efficiencies
  50 - 55%, 75 - 80%, 80 - 85%
- 4" DP-65 provides highest efficiency available in a pleated filter operating at 500 fpm (50 - 55%)

Type DP® 40/DP Max Pleated Filters
- 1", 2", 4", 6" (only DP Max) thicknesses
- Die cut beverage board frame
- 100% Synthetic media
- 15.0 (DP40), 10.0 (DP Max) pleats per foot (2")
- Mechanical MERV 8

PowerGuard™ Filter
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- 35 - 40% efficiency, MERV 11

Type DP® Green
- 100% Synthetic Media
- 2" thickness
- 17.5 pleats per foot (2")
- LEED/Green Compliant
- MERV 13
**EXTENDED SURFACE POCKET FILTERS**

**Clean-Pak™ Pocket Filters**
Dual layer microfine synthetic media
- Moisture resistant
- Wide variety of pocket lengths and counts
- Fail safe mechanically staked pocket attachment
- Sonic welded pocket construction
- Five efficiencies -
  - 90 - 95%, MERV 14
  - 80 - 85%, MERV 13
  - 60 - 65%, MERV 12
  - 50 - 55%, MERV 11
  - 40 - 45%, MERV 10
- Self-sealing models - (40 - 45%, 60 - 65%)
- U.L. Class 1 and Class 2

**Venti-Pak® Pocket Filters**
Ultrafine, high loft, microglass media
- Wide variety of pocket lengths and counts
- Fail safe mechanically staked pocket attachment
- Double lock stitched pocket formation
- Five efficiencies -
  - 90 - 95%, MERV 14
  - 80 - 85%, MERV 13
  - 60 - 65%, MERV 12
  - 50 - 55%, MERV 11
  - 40 - 45%, MERV 10

**Multi-Guard® Pocket Filters**
Next generation, microfine synthetic media
- Electrostatically enhanced - for higher initial efficiency
- Gradient density fiber structure - for higher dust holding capacity
- Three efficiencies -
  - 90 - 95%, MERV 15
  - 80 - 85%, MERV 13
  - 70 - 75%, MERV 12
EXTENDED SURFACE RIGID CELL FILTERS

### Legacy®
- Low Resistance
- High Efficiency
- High Dust Holding Capacity
- 4" MERV 11 & 14, 12" MERV 11 & 15
- 100% Synthetic Media
- Moisture Resistant
- Chemical Resistant
- All Plastic Construction
- Fully Incinerable
- Light Weight
- UL 900 Class 1

### V-Force®
- All Plastic Construction
- 100% Synthetic Media
- Moisture and Chemical Resistant
- Fully incinerateable
- Low Resistance
- Three efficiencies - 90-95%, (MERV 14)
  80-85%, (MERV 13)
  60-65%, (MERV 11)
- UL 900 Class 1

### Vari-Plus® VP
- All plastic construction
- No metal components
- Dura-Tuff 100% synthetic media
- Fully incinerateable
- Suitable for selected corrosive or chemical environments
- Three efficiencies - 90-95%, (MERV 15)
  80-85%, (MERV 13)
  60-65%, (MERV 11)

### Variflow®
- Extended Surface Rigid Cell Filters
- Ultrafine microglass paper media
- Moisture resistant construction
- Single header, double header, no header models
- Metal and wood cell sides
- Corrugated aluminum separators
- High temperature models up to 900°F
- Three efficiencies - 90-95%, (MERV 14)
  80-85%, (MERV 13)
  60-65%, (MERV 11)

### Variflow® SC
Same construction as Variflow, except less media

### Vari-Pak®
- Extended Surface Rigid Box Filters
- Ultrafine high loft microglass media
- Pleated construction with pleat stabilizers (fingers) on both sides
- Galvanized steel cell sides
- Box construction (no header) and header models
- Four efficiencies - 90-95%, (MERV 14)
  80-85%, (MERV 13)
  60-65%, (MERV 11)
  50-55%, (MERV 10)

### Vari-Pak® Model S
Same construction as standard Vari-Pak filters except made with dual layer, microfine synthetic media.

### Vari-Plus®
- High-capacity Extended Surface Mini-Pleat Filters
- Ultrafine microglass paper media
- Moisture resistant construction
- Continuous bead, mini-pleat adhesive separators
- V-bank assembly of mini-pleat media packs
- Large media area, low resistance
- Five efficiencies - 95% DOP, (MERV 16)
  95%, (MERV 16)
  90-95%, (MERV 14)
  80-85%, (MERV 13)
  60-65%, (MERV 11)

### Vari-Plus® MC
Vari-Plus style mini-pleat media packs contained in galvanized steel cell sides.

### MERV 14 & 15 models
Meet the efficiency requirements required to contribute points toward a LEED/Green Building certification.

### Lower Energy Costs.
HEPA FILTERS

SEPARATOR STYLE FILTERS

**Microguard® LR**
- 99%+ efficiency on 0.3 micrometer particles
- Available in High-Impact Plastic (HIPS) cell side model and in header box-style with metal sides
- U.L. Class 2
- E-pleat™ proprietary media
- Available in 4 sizes
- Standard dove-tail interlocking gasketing

**Microguard® SC Series**
Same media and construction as standard Microguard, except fewer pleat. 99.97% efficiency

MINI-PLEAT SEPARATOR STYLE FILTERS

**MicroPleat™**
- Ultrafine microglass paper media
- Anodized extruded aluminum cell sides
- Gasket seal, gel seal and knife edge models
- Continuous bead mini-pleat adhesive separators
- Five efficiencies - 99%, 97%, 99.99%, 99.999% on 0.3 micrometers; 99.999%, 99.9995% on .12 micrometers
- U.L. Class 1

HIGH CAPACITY HEPA FILTERS

**Microguard Separator Style**
- 500 fpm @ 1.35” W.G.
- 99.97%, 99.999% efficiencies

**Micro-V 2000 Mini-Pleat Style**
- 500 fpm @ 1.2” W.G.
- 99.97%, 99.99% efficiencies @ 500 fpm
- 99.999% efficiency @ 400 fpm

**Micro-V 2400**
- 600 fpm @ 1.35” W.G.
- 99.97% efficiency

CLEANROOM PRODUCTS

**Disposable Ducted Ceiling Modules**
- Anodized extruded aluminum construction
- 2’ x 2’ and 2’ x 4’ sizes
- Low profile design - 5” deep. Fits into T-bar ceiling grid
- Adjustable diffuser/damper
- Five efficiencies - 99.7%, 99.99%, 99.999% on .3 micrometers; 99.999%, 99.9995% on .12 micrometers
- U.L. Class 1

**Micro-Plus Room Side Replaceable Ceiling Modules**
- Permanent housing with room side replaceable HEPA filter
- Ducted inlet design
- Low Profile - 7” deep
GAS PHASE ADSORBERS

Fresh Air™
- Combination 30 - 35%, MERV 8 pleated prefilter with activated carbon
- Die cut beverage board frame
- 1”, 2”, 4” thicknesses
- Self-supported media, no metal

Fresh Air™ Supreme
- Chemically enhanced carbon media
- Removes wider range of odors than standard activated carbon
- 30-35% efficiency, MERV 8
- Self-supported media, no metal

IAQ-99
- Combination polyester prefilter with bonded carbon fibers
- Available with die cut beverage board frame or pad design
- 1”, 2” thicknesses
- Self-supported media, no metal

IAQ-100 Series
- Select from activated carbon, potassium permanganate or blended media
- Honeycomb carbon loading
- 25%, 50%, 75% and 100% fill
- Steel frame
- 3/8”, 1”, 2” thicknesses

IAQ-108
- Self-sealing panel construction
- Combination polyester prefilter with bonded carbon fibers

EXTENDED SURFACE FILTERS

Vari-Pure®
High Capacity Activated Carbon Filters
- Select from activated carbon, impregnated carbon, potassium permanganate or blended media
- Effective on wide variety of gases and odors
- Vari-Sock afterfilter prevents carbon dusting downstream
- 12” deep

Vari-Klean®
Ultra High Efficiency Carbon Adsorber
- Pleated media design increases carbon content
- Offers high first pass removal efficiency

REPLACEMENT TRAYS AND ELEMENTS

AG-12 Element
- Fits Purafil and Flanders housings
- Refillable design
- Contains 30 pounds of carbon

AG-18 Element
- Fits AG-22 and Purafil PC-22 housings
- Refillable and disposable models
- Contains 30 pounds of carbon

CARBON FILTER HOUSINGS

AG-2000 Front Access Housing
- 14 gauge cold rolled steel construction
- Easily removable access grid
- Contains 90 pounds of carbon (10 trays)

AG-14 Carbon Housing
- 16 gauge cold rolled steel construction
- Holds four IAQ-100 carbon panels
- Built-in prefilter and final filter tracks
- Contains 48 pounds of carbon

AG-22 Carbon Housing
- 16 gauge cold rolled steel construction
- Holds four AG-18 carbon elements
- Contains 72 pounds of carbon
AUTOMATIC ROLL FILTER MEDIAS

Choose from seven styles of media to fit major brands of auto roll equipment, including:

Airguard, AAF, Air Maze, BLC, Cambridge, Carrier, Commercial, Continental, Farr, MSA, Trane.

FIBERGLASS MEDIAS
- Progressive density media construction
- 2-1/2” thick
- Scrim mesh netting backing for high tensile strength
- Adhesive coated for high dust holding capacity
- 70 - 90% arrestance

SYNTHETIC MEDIAS
- 1/2”, 1” thicknesses
- Scrim mesh netting backing for high tensile strength
- Dry and tackified medias
- 70 - 90% arrestance

INTERNALLY SUPPORTED FILTERS

Designed for use with compatible wire basket retainers.

Series AG Filter Elements
For use in Farr HP Series systems
- Deep pleated media design
- Collapsible for compact shipping and storage
- Three depths - 8”, 12”, 24”
- Four efficiencies - 25 - 30%, 60 - 65%, 80 - 85%, 90 - 95%
Bio-Pure®...no other manufacturer has a broader line of antimicrobial treated filters than Airguard. Life cycle tests verify continued effectiveness over the life of the filter.

**Bio-Pure® Pleated Panel Filters**
- 1", 2", 4" thicknesses
- Available with 14.3 and 10 pleats per foot (2")
- 25 - 30% efficiency, MERV 7

**Bio-Pure® High Efficiency Rigid Cell Supported Pleat Filters**
- Ultrafine microglass paper media
- 90 - 95% efficiency
- Select from two styles of construction: Corrugated aluminum separators (above left) Continuous bead mini-pleat adhesive separators (V-bank media packs) (above right)

**INTAKE PANEL FILTERS**
- Self-sealing - No latches required
- Internal wire support frame
- Tackified for high particle retention
- 90 - 95% arrestance

Activator Series - 2-Ply or 3-Ply media construction

**DIFFUSION MAX**
- Dual layer media construction with scrim backing
- Internal wire support frame

**PAINT ARRESTOR MEDIAS**
Select from a wide variety of paint overspray collection medias
- Fiberglass
- Stackguard® polyester backed fiberglass
- Type AG/PS polyester
- Expanded paper
- Polyester backed expanded paper

For improved IAQ applications to inhibit growth of microorganisms on the filters.

Complete line of air filters for paint spray booth applications.
RING PANELS, SELF-SUPPORTED POCKET FILTERS & POLYESTER MEDIA

RING PANELS, LINKS, SLIP-ONS
The Activator™ Series
Select from 2-ply and 3-ply models
2-Ply - MERV 6
3-Ply - MERV 7
• Self-sealing, no latches required
• Tackified media
• Made from tough, polyester fibers

StreamLine™ Polyester Medias
• Select from three choices of medias - 1/2”, 1”, 2” thicknesses
• Made from multi-denier, recycled polyester fibers
• Tackifier increases particle retention
• 85 - 95% arrestance

SynPak
• Three ply media construction
• 15” deep, 2, 3 or 4 pockets.
• 35 - 40% efficiency, MERV 8

Ultra II
• Air Flow 150 FPM
• Initial Static .05” W.G.
• Average Paint Spray Removal Efficiency 99.70%
• Pads and Blankets cut to size
• Bags available in two and three pocket models

Bio•Pure® Polyester Media
• 1/2”, 1”, 2” thicknesses
• Made from recycled polyester fibers
• Available in pads and bulk rolls
• Tackified media
• 85 - 90% arrestance

Bio•Pure® Ring Panels and Links
• 2-ply media construction
• Self-sealing, no latches required
• Tackified media
• 85 - 90% arrestance, MERV 6
**REPLACEMENT FILTERS FOR TURBOMACHINERY AIR INTAKE SYSTEMS**

**PREFILTERS FOR BARRIER FILTER SYSTEMS**

**Type DPGT Pleated Panel Filters**
- 100% synthetic fiber media
- Die cut beverage board frame
- 30 - 35% efficiency, MERV 8

**Filter Media Pads**
- Fiberglass (2", 4")
- Synthetic (2")

**FINAL FILTERS FOR BARRIER FILTER SYSTEMS**

**Vari+Plus® VP**
- All plastic construction
- No metal components
- No rivets, screws, faceguards or cross bars
- Dura-Tuff 100% synthetic media resists tearing, abrasion
- Chemical and corrosion resistant
- Fully incinerateable
- V-bank assembly of mini-pleat media packs
- Available with Vari-Pad direct mount pocket style prefilter
- 90 - 95% (MERV 15) and 60 - 65% (MERV 11) efficiencies

**Duraflow®**
- Ultrafine microglass paper media
- Corrugated aluminum separators
- Galvanized steel construction
- Faceguards on both sides
- 90 - 95%, 60 - 65% efficiencies

**Vari-Pak® GT**
- High loft fiberglass or synthetic media
- Expanded metal pleat support
- Pleat support stabilizers on both sides
- 90 - 95%, 80 - 85%, 60 - 65% on both sides
- 90 - 95%, 80 - 85%, 60 - 65% efficiencies
RESIDENTIAL AIR FILTRATION PRODUCTS

HOLDING FRAMES & LATCHES

Uni-Lok® Filter Holding Frames
- 16 gauge galvanized steel
- Pre-punched mounting holes
- Factory applied gaskets
- Wide variety of latches to hold all types and sizes of filters

TYPE AG-8 Filter Holding Frames
- Replacement for Farr Type 8 frames and latches

TYPE HDS HEPA Holding Frame
- Creates high integrity seal for HEPA installations
- 16 gauge aluminized steel construction
- Two depths - holds 5-7/8” or 11 - 1/2” deep filters
- Spring loaded clamping bolt

Service Frame
- Holds filter media pads
- Sized to fit inside Uni-Lok, Type AG-8 or other manufacturers’ brands of filter holding frames
- 22 gauge galvanized steel frame
- 1/2”, 1”, 2” thicknesses
- Wire support grid - both sides

REPLACEMENT FILTERS FOR RESIDENTIAL AIR CLEANERS
- Trion Air Bear (MERV 8)
- Honeywell (MERV 8)
- Sizes to fit all major models
**Flat Bank Housings**
- Single stage units
- Holds 2” or 4” thick filters
- 16 gauge aluminized steel construction

**V-Bank Housings**
- V-bank filter arrangement
- Holds 2” thick filters
- 16 gauge aluminized steel construction
- Adaptor flanges for air handling units or ductwork arrangements

**HEPA Lock Side Access Housing**
- 16 Gauge aluminized steel construction
- 24” deep - holds 5-7/8” or 11-1/2” deep filters
- Lever action filter clamping mechanism

**Two Stage Housings**
- Five depths - 12”, 21”, 26”, 38”, 42”
- 2” or 4” prefilter track with 1” track for header style final filter
- 16 Gauge aluminized steel construction
- Adaptor flanges for air handling units or ductwork arrangements
INNOVATIVE CLEAN AIR SOLUTIONS

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

Founded in 1964, Airguard 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, Airguard can provide a direct replacement or recommend alternatives for improved indoor air quality, lower cost and longer service life.

Airguard 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.

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