

# KOCH Rigid Filters Overview

Fischer-Robertson, Inc.  
3890 Symmes Road  
Hamilton, OH 45015  
ph 513-860-3445 fx 513-860-4744  
[www.fischer-robertson.com](http://www.fischer-robertson.com)



## Multi-Cell

### Medium and High Efficiency Extended Surface Air Filters

- Available in 65%, 85%, and 95% efficiencies
- Style FM: Galvanized steel cell sides with single header on the air entry side
- Style NHM: Galvanized steel cell sides with no header
- Style SBM: Galvanized steel cell sides with header on air entry and air exit sides



## Multi-Cell CS

### Compact Size, High Efficiency Extended Surface Filter

- High efficiency microfiberglass filter media
- Available in three efficiencies: MERV 14 (90-95%), MERV 13 (80-85%), and MERV 11 (60-65%)
- Maximum operating temperature: 750°F
- Precision crafted corrugated aluminum separators
- Compact design in 2" or 4" depths
- Durable aluminized frame



## Multi-Cell HT

### High Efficiency, Extended Surface Filter for High Temperature Applications

- Two temperature ranges: 750°F and 900°F
- Two efficiency ranges: 65% (MERV 11) and 95% (MERV 14)
- UL certified
- High efficiency microfiberglass filter media
- Durable aluminized steel cell sides
- Protective aluminized steel faceguards and support straps
- Single header and double header configurations
- Available with optional heavy-duty prefilter for applications with turbulent air flows



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## Multi-Flo Series G

### Microfiberglass, Extended Surface Rigid Air Filter

- Low pressure drop reduces energy consumption
- Durable plastic internal supports
- MERV 10 - 15 performance rating
- High efficiency synthetic or microfiberglass media
- Rigid construction for variable-air-volume systems



## Multi-Flo Series S

### Synthetic, Extended Surface Rigid Air Filter

- Low pressure drop reduces energy consumption
- Durable plastic internal supports
- MERV 10 - 15 performance rating
- High efficiency synthetic or microfiberglass media
- Rigid construction for variable-air-volume systems



## Maxi-Cell

### High Efficiency Barrier Filter Engineered for Turbomachinery Air Inlet Systems

- MERV 11 and 14 performance rating
- Designed for use in gas turbine air inlets and other rotating machinery
- Durable metal frame
- Faceguards upstream and downstream
- Progressive-density filter media extends filter lifecycles
- Double-Edge™ aluminum separators



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## DuraMAX 2v

### High Efficiency Minipleat Filter

- MERV 11-15 performance rating
- High efficiency mini pleat (65%, 75%, 85%, 95% and 98%)
- High efficiency microfiberglass or synthetic media
- Low pressure drop reduces energy consumption
- Light-weight plastic, extremely rigid frame
- Superior dust holding and prolonged filter life
- Incinerable



## DuraMAX 2vS

### High Efficiency, Synthetic Media Minipleat Filter

- Synthetic filter media
- Low pressure drop reduces energy consumption
- Extended filter life
- All-plastic frame construction
- MERV 14, 95% efficiency
- UL classified
- Incinerable
- Engineered versatility—excellent filtration in any application



## DuraMAX 4v

### High Efficiency Minipleat Filter

- MERV 11-15 performance rating (ASHRAE Test Standard 52.2-2007)
- Five efficiencies: 65%, 75%, 85%, 95%, and 98%
- High capacity minipleat design
- Superior dust holding capacity
- Extended filter life
- Low pressure drop reduces energy consumption
- Microfiberglass or synthetic filter media
- 194 ft<sup>2</sup> of media in a 24 x 24 x 12" rigid, lightweight, plastic frame
- Incinerable



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## DuraMAX 4vS

### High Efficiency, Synthetic Media Minipleat Filter

- Synthetic filter media
- Low pressure drop reduces energy costs
- Extended filter life
- All-plastic frame construction
- MERV 15, 95% efficiency
- UL rated
- Incinerable
- Engineered versatility—excellent filtration in any application



## DuraMAX 4vS-16

### High Efficiency, Synthetic Media Minipleat Filter

- MERV 16 performance rating
- Durable synthetic filter media
- Low resistance to airflow
- Extended filter life
- All-plastic frame construction
- Incinerable



## DuraMAX 4v32

### High Efficiency, Synthetic Media Minipleat Filter

- MERV 16 performance rating
- Durable synthetic filter media
- Low resistance to airflow
- Extended filter life
- All-plastic frame construction
- Incinerable



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## MicroMAX

### Extended Surface Minipleat Filter

- Minipleat design
- Beverage board or metal frame
- Three efficiency ranges
  - 90-95% (MERV 14)
  - 80-85% (MERV 13)
  - 60-65% (MERV 11)
- Compact 4" depth
- Lightweight construction



## MicroMAX EDGE

### High Efficiency, Synthetic Media Minipleat Filter

- MERV 11 - 15 performance rating
- Low resistance to airflow
- Compact design
- Superior pleat stability
- Durable plastic frame
- Incinerable
- Helps meet LEED requirements



## MicroMAX PL6

### High Efficiency Minipleat Filter

- MERV 11-15 performance rating
- Compact, space-saving design
- Durable plastic frame
- Reduces freight and handling
- Incinerable
- Antimicrobial media available



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# DuraGlove

## Synthetic, Extended Surface Prefilter for Reverse Mount DuraMAX Installations

- Cube style DuraGlove Prefilters are designed to fit the "V" side of DuraMAX Minipleat Filters. This prefilter will fit over final filters with 4 "V's" or 3 "V's". For Reverse Mount installations only. Contact factory for detailed installation instructions.
- DuraGlove Prefilters are constructed with three-ply synthetic media.
- Prefilters with 3 or 4 individual pockets are available if required. For applications requiring prefilters with 3 or 4 individual pockets, please consult factory for pricing information and specifications.