

QuadSEAL® Filters MERV 14

High-Efficiency 4-Inch Extended Surface Box Filters with Foamed Polyurethane Frame, Integral Gasket with E-Pleat® Media Technology in Box and Header Frame Options



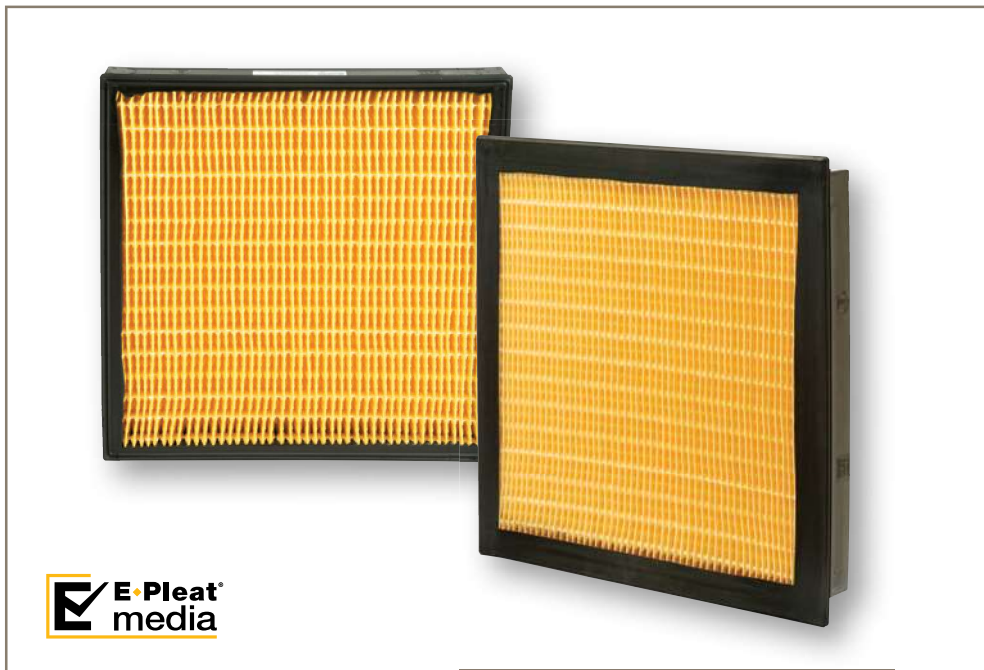
Flexible, Impact-Resistant, Long-Life, Energy-Saving Filters for Commercial Applications

Parker QuadSEAL® HVAC filters feature proprietary E-Pleat® media technology. The molded frame is moisture, chemical, and corrosion resistant and can flex without damage.

Engineered to provide zero air bypass filtration. The polyurethane frame incorporates a QuadSEAL integrated gasket on all four sides. Gasket is on the air leaving and perimeter of the frame and provides filter to holding frame seal to prevent bypass. The dual gasket ribs provide dual sealing protection. The media pack is 100 percent bonded into the foamed polyurethane frame, eliminating bypass and the need for additional sealants or adhesives.

QuadSEAL Model PH with Header

The QuadSEAL Model PH is designed for use with side access housings and features a single header for 1" final filter tracks. It's also a direct replacement for pocket filters or other rigid cell filters with headers.



Markets:

- Hospitals and healthcare facilities
- Hotels and entertainment complexes
- Food processing
- Microelectronics manufacturing
- Data centers
- Commercial office buildings
- Schools and universities
- Clean manufacturing facilities
- Government institutions
- Industrial manufacturing

Contact Information:

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Product Features:

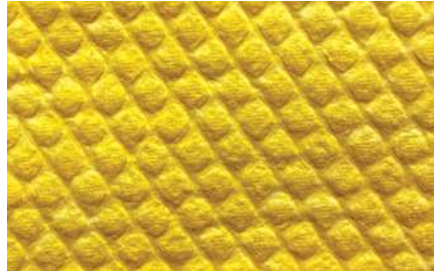
- Molded foamed polyurethane frame with dual-sealing integral gasket is moisture, chemical, and corrosion resistant and can flex without damage
- Proprietary E-Pleat media technology efficiently directs air flow through the filter for low resistance
- Exclusive gold synthetic media with embossed design and graduated dimples holds two times more dust and reduces initial resistance
- Media resists tearing, damage, moisture, and microbial growth
- Longer filter life and fewer filter change outs with higher dust holding capacity
- 12-inch filter performance in a compact 4-inch design
- Larger sizes contain center support bar to ensure performance under high air pressure loading
- Simplified handling and easy installation, plus reduced storage space requirements and lower shipping costs
- Energy savings – Low pressure drop offers reduced energy use
- Completely incinerable – no metal parts
- Lightweight construction
- Classified per UL Standard 900 for flammability
- MERV 14 meets the efficiency requirements to earn points toward LEED green building certification
- Silicone free design (no silicone components used in manufacturing)

ENGINEERING YOUR SUCCESS.

Parker QuadSEAL Filters are Engineered for Long Life and Efficient Zero Air Bypass



Proprietary graduated dimple media increases dust holding capacity and reduces initial resistance.



Exclusive synthetic media with graduated dimples to hold two times more dust and reduce initial resistance.



Integral gasket with dual sealing ribs prevents air bypass. Media is fully potted into the frame.

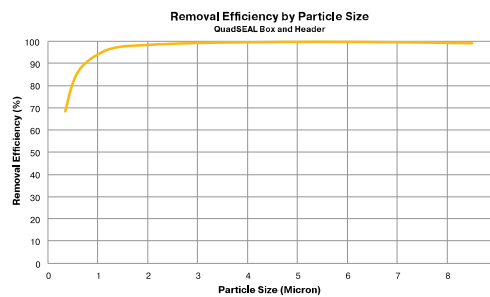
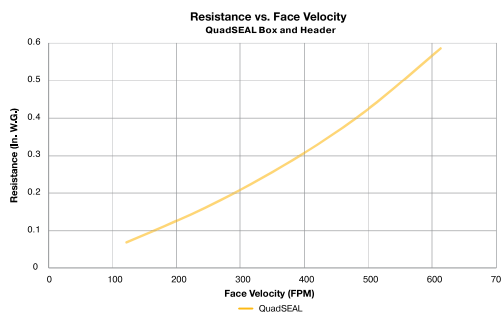
Parker QuadSEAL – MERV 14

Model Number	Nominal Size (W x H x D) Inches	Actual Size (W x H x D) Inches	Rated Air Flow Capacity (CFM)	Initial Resistance (Inches W.G.) @ Rated Air Flow	Media Area (Square Feet)	MERV
Box Construction						
PQS4-M14-04-NH	24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	2000	0.39	51	14
PQS4-M14-12-NH	20 x 25 x 4	19-3/8 x 24-3/8 x 3-3/4	1750	0.39	44	14
PQS4-M14-15-NH	20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	1650	0.39	43	14
PQS4-M14-13-NH	20 x 20 x 4	19-3/8 x 19-3/8 x 3-3/4	1400	0.39	35	14
PQS4-M14-10-NH	16 x 25 x 4	15-3/8 x 24-3/8 x 3-3/4	1400	0.39	35	14
PQS4-M14-09-NH	16 x 20 x 4	15-3/8 x 19-3/8 x 3-3/4	1100	0.39	28	14
PQS4-M14-03-NH	12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	1000	0.39	25	14
Header Construction						
PQS4-M14-04-PH	24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	2000	0.41	51	14
PQS4-M14-12-PH	20 x 25 x 4	19-3/8 x 24-3/8 x 3-3/4	1750	0.41	44	14
PQS4-M14-15-PH	20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	1650	0.41	42	14
PQS4-M14-13-PH	20 x 20 x 4	19-3/8 x 19-3/8 x 3-3/4	1400	0.41	35	14
PQS4-M14-10-PH	16 x 25 x 4	15-3/8 x 24-3/8 x 3-3/4	1400	0.41	35	14
PQS4-M14-09-PH	16 x 20 x 4	15-3/8 x 19-3/8 x 3-3/4	1100	0.41	26	14
PQS4-M14-03-PH	12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	1000	0.41	23	14

Note: 20 x 25 x 4 and 16 x 25 x 4 will be manufactured with a reverse pleat direction

NOTES:

1. Testing per ASHRAE Standard 52.2-2017 and ISO 16890. Performance data based on 24x24 nominal size filters.
2. Rated face velocity: 500 FPM
3. Recommended final resistance: 1.5" W.G.
4. Width and height dimensions are interchangeable. Filters can be installed with pleats horizontal or vertical.
5. Maximum operating temperature 200°F (93°C).
6. Classified per UL 900 for flammability.
7. Special size filters not available.



Patents:
#9,314,717
#11,198,089
#11,033,846



Your Local Authorized Parker Distributor

WARNING: This product can expose you to chemicals, including chromium, styrene, which are known to the State of California to cause cancer, and toluene, which are known to the State of California to cause birth defects and other reproductive harm. For more information go to www.P65Warnings.ca.gov.

