

LoadTECH® Filters MERV 14

High-Efficiency 4-Inch Extended Rigid Cell Filters with E-Pleat® Media Technology



Compact, Long-Life, Energy-Saving Filters for Commercial Applications

Parker LoadTECH® high-impact polystyrene (HIPS) HVAC filters feature proprietary E-Pleat® media technology to hold two times the dust as conventional rigid cell style filters. The 4-inch design offers the same filtration performance as a 12-inch filter, but in a much smaller envelope, resulting in simplified handling plus reduced storage space requirements and shipping costs. Ideal for variable air volume systems.

Markets:

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

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Product Features:

- Proprietary E-Pleat media technology efficiently directs air flow through the filter
- Exclusive gold synthetic media with embossed design holds two times more dust
- 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
- 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 with high-impact polystyrene (HIPS) frame
- Lightweight construction
- MERV 14 meets the efficiency requirements to earn points toward LEED green building certification

ENGINEERING YOUR SUCCESS.

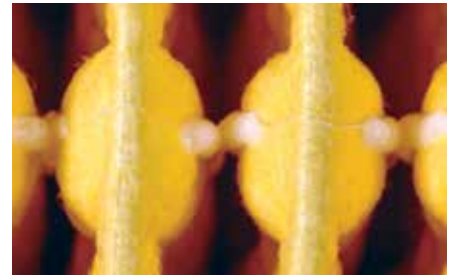
Parker LoadTECH Filters are Engineered for Long Life and Efficient Performance



Rugged frame resists cracking.

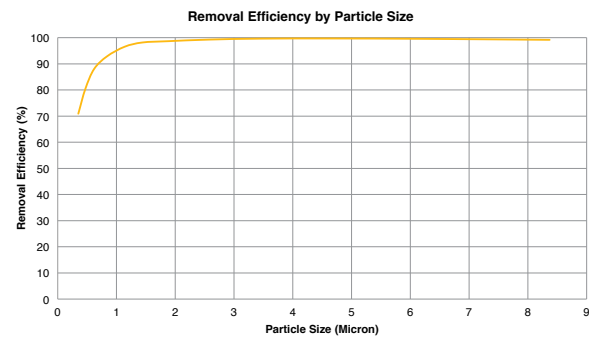
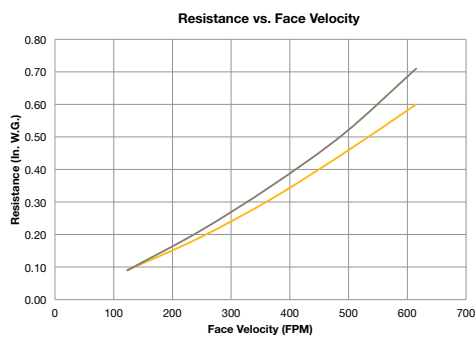


E-Pleat technology molds filtration media into a series of pre-formed channels that direct the air smoothly through the filter, allowing for even loading and complete media utilization.



Adhesive beads bond the pleats into a rigid pack.

Parker LoadTECH – MERV 14

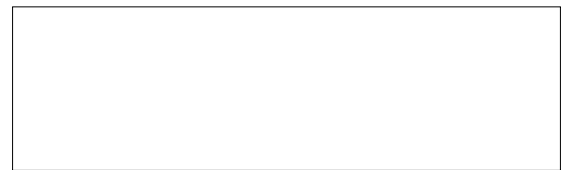


Model Number	Nominal Size (W x H x D) Inches	Actual Size (W x H x D) Inches	Rated Air Flow Capacity (CFM)	Initial Resistance (Inches W.G.) @ Rated Air Flow	Media Area (Square Feet)	MERV
Box Construction						
PLT4-M14-04-NH	24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	2000	0.45"	53	14
PLT4-M14-12-NH	20 x 25 x 4	19-3/8 x 24-3/8 x 3-3/4	1750	0.45"	46	14
PLT4-M14-15-NH	20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	1650	0.45"	44	14
PLT4-M14-13-NH	20 x 20 x 4	19-3/8 x 19-3/8 x 3-3/4	1400	0.45"	36	14
PLT4-M14-10-NH	16 x 25 x 4	15-3/8 x 24-3/8 x 3-3/4	1400	0.45"	36	14
PLT4-M14-09-NH	16 x 20 x 4	15-3/8 x 19-3/8 x 3-3/4	1100	0.45"	29	14
PLT4-M14-03-NH	12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	1000	0.45"	26	14
Single Header Construction						
PLT4-M14-04-PH	24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	2000	0.51"	53	14
PLT4-M14-15-PH	20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	1650	0.51"	45	14
PLT4-M14-13-PH	20 x 20 x 4	19-3/8 x 19-3/8 x 3-3/4	1400	0.51"	37	14
PLT4-M14-03-PH	12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	1000	0.51"	22	14

- NOTES:
1. Testing per ASHRAE Standard 52.2-2017. Performance based on 492 FPM face velocity for a 24x24 face size.
 2. Rated face velocity 500 FPM.
 3. Recommended final resistance 1.50" W.G.
 4. Width and height dimensions are interchangeable. Filters can be installed with pleats vertical or horizontal.
 5. Maximum Operating Temperature: 170°F (77°C).
 6. Classified per UL 900 for flammability.
 7. Special sizes not available.



Patent # 6,685,833



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 lead, 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.

