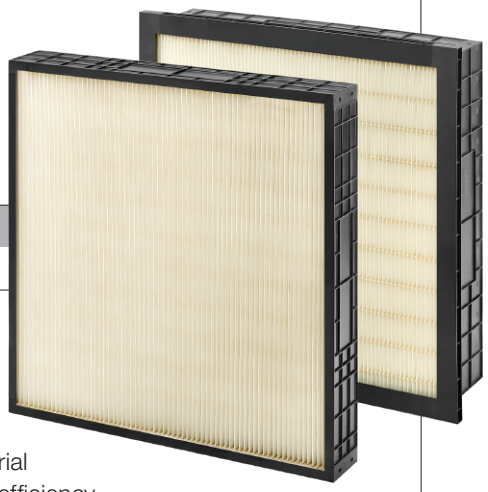
THE WORLD LEADER IN CLEAN AIR SOLUTIONS

PrecisionCell® III



EXTENDED-SURFACE MINI-PLEAT RIGID FILTERS

Benefits

- Improves Indoor Air Quality with higher-efficiency HVAC filtration
- Enables efficiency upgrades without increasing in-line space requirements
- Delivers reliable performance in Variable Air Volume (VAV) systems
- Speeds filter changeouts with a lightweight, easy-to-handle design
- Helps reduce maintenance issues with a rigid, high-impact plastic frame construction

Designed For

- Commercial and institutional buildings
- Healthcare support areas
- Education facilities
- Transportation hubs
- Government and municipal facilities
- Hospitality and mixed-use spaces

High-Efficiency Performance in a Compact Design

PrecisionCell III extended-surface mini-pleat rigid filters deliver reliable performance in commercial and industrial HVAC systems where medium to high-efficiency filtration is required. Available in 2", 4", and 6" depths, PrecisionCell III offers a spacesaving footprint without compromising airflow or efficiency.

Now available in MERV 15, MERV 14, and MERV 11 efficiencies to support today's IAQ and system-performance requirements.

Ideal for VAV and High-Velocity Systems

Engineered for stability under changing airflow conditions, PrecisionCell III filters are especially suitable for Variable Air Volume (VAV) systems and are designed to operate at face velocities up to 625 FPM. Two configurations are offered:

- Box style for standard applications
- Header style for use with existing front-load or side-access housings

In-Line Space-Saving Design

PrecisionCell III significantly reduces in-line depth compared to traditional 12"–36" deep filters. Its compact design allows engineers to select higher filtration efficiencies, often required for acceptable Indoor Air Quality, without compromising equipment layout or mechanical space.

Installation Compatibility

PrecisionCell III filters are compatible with standard front-loading holding frames and side-access housings for flexible installation across a range of systems. Holding frames can be riveted together to create multi-filter banks for either upstream or downstream service, while side access housings are a great option for smaller systems or applications where upstream access is limited.

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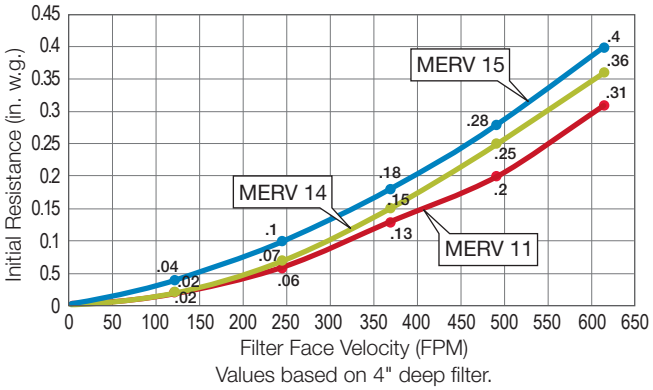
PrecisionCell® III Filters

Product Information – Standard Sizes & Performance Data

Rated Airflow (500 FPM)	Nominal Size (inches) (W x H x D)	125 FPM			250 FPM			375 FPM			500 FPM			Media Area (sq. ft.)			Weight Each (lbs.)		
		2"	4"	6"	2"	4"	6"	2"	4"	6"	2"	4"	6"	2"	4"	6"	2"	4"	6"
MERV 11																			
2000 CFM	24x24	0.04	0.02	0.02	0.10	0.06	0.05	0.17	0.13	0.11	0.23	0.20	0.19	50	120	125	3.4	4.5	7.0
1000 CFM	12x24	0.04	0.02	0.02	0.10	0.06	0.05	0.17	0.13	0.11	0.23	0.20	0.19	25	60	61	1.9	2.5	3.5
1400 CFM	20x20	0.04	0.02	0.02	0.10	0.06	0.05	0.17	0.13	0.11	0.23	0.20	0.19	35	84	86	2.3	3.0	4.9
1100 CFM	16x20	0.04	0.02	0.02	0.10	0.06	0.05	0.17	0.13	0.11	0.23	0.20	0.19	28	66	68	1.9	2.5	3.9
1850 CFM	20x24	0.04	0.02	0.02	0.10	0.06	0.05	0.17	0.13	0.11	0.23	0.20	0.19	44	105	104	2.6	3.5	5.8
1500 CFM	18x24	0.04	0.02	0.02	0.10	0.06	0.05	0.17	0.13	0.11	0.23	0.20	0.19	39	93	93	2.3	3.0	5.3
1750 CFM	20x25	0.04	0.02	0.02	0.10	0.06	0.05	0.17	0.13	0.11	0.23	0.20	0.19	44	105	108	3.0	4.0	6.1
1400 CFM	16x25	0.04	0.02	0.02	0.10	0.06	0.05	0.17	0.13	0.11	0.23	0.20	0.19	35	84	86	2.3	3.0	4.9
MERV 14																			
2000 CFM	24x24	0.04	0.02	0.02	0.11	0.07	0.06	0.20	0.15	0.14	0.31	0.25	0.23	50	120	125	3.4	4.5	7.0
1000 CFM	12x24	0.04	0.02	0.02	0.11	0.07	0.06	0.20	0.15	0.14	0.31	0.25	0.23	25	60	61	1.9	2.5	3.5
1400 CFM	20x20	0.04	0.02	0.02	0.11	0.07	0.06	0.20	0.15	0.14	0.31	0.25	0.23	35	84	86	2.3	3.0	4.9
1100 CFM	16x20	0.04	0.02	0.02	0.11	0.07	0.06	0.20	0.15	0.14	0.31	0.25	0.23	28	66	68	1.9	2.5	3.9
1850 CFM	20x24	0.04	0.02	0.02	0.11	0.07	0.06	0.20	0.15	0.14	0.31	0.25	0.23	44	105	104	2.6	3.5	5.8
1500 CFM	18x24	0.04	0.02	0.02	0.11	0.07	0.06	0.20	0.15	0.14	0.31	0.25	0.23	39	93	93	2.3	3.0	5.3
1750 CFM	20x25	0.04	0.02	0.02	0.11	0.07	0.06	0.20	0.15	0.14	0.31	0.25	0.23	44	105	108	3.0	4.0	6.1
1400 CFM	16x25	0.04	0.02	0.02	0.11	0.07	0.06	0.20	0.15	0.14	0.31	0.25	0.23	35	84	86	2.3	3.0	4.9
MERV 15																			
2000 CFM	24x24	0.06	0.04	0.03	0.15	0.10	0.08	0.25	0.18	0.15	0.37	0.28	0.26	50	120	125	3.4	4.5	7.0
1000 CFM	12x24	0.06	0.04	0.03	0.15	0.10	0.08	0.25	0.18	0.15	0.37	0.28	0.26	25	60	61	1.9	2.5	3.5
1400 CFM	20x20	0.06	0.04	0.03	0.15	0.10	0.08	0.25	0.18	0.15	0.37	0.28	0.26	35	84	86	2.3	3.0	4.9
1100 CFM	16x20	0.06	0.04	0.03	0.15	0.10	0.08	0.25	0.18	0.15	0.37	0.28	0.26	28	66	68	1.9	2.5	3.9
1850 CFM	20x24	0.06	0.04	0.03	0.15	0.10	0.08	0.25	0.18	0.15	0.37	0.28	0.26	44	105	104	2.6	3.5	5.8
1500 CFM	18x24	0.06	0.04	0.03	0.15	0.10	0.08	0.25	0.18	0.15	0.37	0.28	0.26	39	93	93	2.3	3.0	5.3
1750 CFM	20x25	0.06	0.04	0.03	0.15	0.10	0.08	0.25	0.18	0.15	0.37	0.28	0.26	44	105	108	3.0	4.0	6.1
1400 CFM	16x25	0.06	0.04	0.03	0.15	0.10	0.08	0.25	0.18	0.15	0.37	0.28	0.26	35	84	86	2.3	3.0	4.9

Performance Data

Initial Resistance vs. Filter Face Velocity



Values based on 4" deep filter.

All performance data based on ASHRAE Standard 52.2. Performance tolerance conforms to Section 6.4 of ANSI/AHRI Standard 850-2013.

***Underwriters Laboratories Classification** – PrecisionCell filters are UL Classified. Testing was performed according to UL Standard 900.*

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