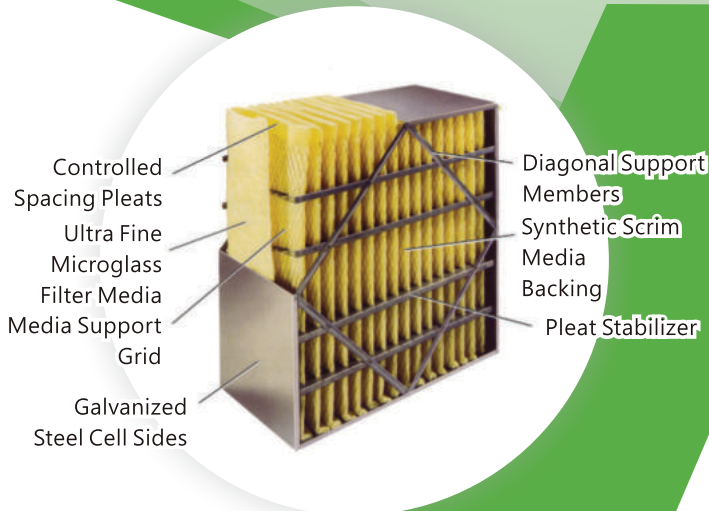


# BREATHE BETTER with Air Filter Supplies



## SYNTHETIC RIGID CELL FILTER

### BENEFITS

The Rigid Cell Filter is the ideal solution to IAQ problems that demand a high efficiency, long lasting rigid filter without costly modification to existing equipment. The secure, superior performance of this filter helps reduce costly maintenance. The rigid cell filter can withstand many unfavorable conditions, especially variable air volume.

### APPLICATIONS

The Rigid Cell Filter can be used in place of many high efficiency filters. This filter may be used in spaces requiring 6" or 11" filters and is suited for use in most commercial and industrial HVAC systems. The Rigid Cell Filter can upgrade your current systems by providing exceptional filter integrity and consistent performance. The Rigid Cell Filter can be used as a pre-filter for higher efficiency products or a final filter in HVAC systems that require a high level of efficiency and cleanliness. The rigid cell filter is designed for ease of installation in either side access systems or built-up banks. It is available in traditional box style or single header versions.

### DESCRIPTION

The Rigid Cell Filter is a rigid, extended surface, medium to high efficiency filter. Superior performance in high humidity applications combined with the elimination of media fiber shedding make this filter a smart choice over traditional fiberglass high efficiency products. Its high loft ultra fine synthetic media provides excellent dust holding capacity and coupled with its rigid construction virtually eliminates dust particle unloading downstream of the filter. A galvanized steel frame, diagonal support bracing, moisture resistant media contour stabilizers and metal media support grid enhance the durability of the filter. This durability eliminates media oscillation and media pull-away. The media of the filter is adhesively bonded to all four sides of the frame to eliminate air bypass. The Rigid Cell Filter is available in ASHRAE 40-45%, 60-65%, 80-85% and 90-95% efficiencies.

### SPECIFICATION

- \* Filter Media: Lofted Synthetic
- \* Frame: 26 ga Galvanized Steel
- \* Maximum temperature: 80°C
- \* High loft ultra fine synthetic media eliminates fiber shedding.
- \* Superior media integrity in high humidity applications.
- \* Rigid format prevents unloading in variable air volume systems.
- \* Replaces traditional pocket-style filters.
- \* Galvanized steel frame provides rigid construction.
- \* Available in box-style or single header.
- \* Recommended final pressure drop:  $\leq 1.5$  in w.g.

Air Filter Supplies is committed to providing a "one-stop shop" for all of your air filtration requirements.

As an air filter manufacturer, we are uniquely positioned to custom make most types of air filters.



**DIMENSIONS AND PERFORMANCE DATA:**

▶ 90-95% EFFICIENCY									
BOX STYLE PART NO.*	SINGLE HEADER PART NO.*	NOMINAL FILTER SIZE	ACTUAL FILTER SIZE	RATED AIRFLOW CAPACITY(CFM)			INITIAL RESISTANCE(*w.g.)		
				LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
10035	10135	24x12x6	23 <sup>7</sup> / <sub>8</sub> x11 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	300	450	600	.23	.37	.52
10036	10136	20x20x6	19 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	450	650	850	.23	.37	.52
10037	10137	24x20x6	23 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	500	750	1000	.23	.37	.52
10038	10138	24x24x6	23 <sup>7</sup> / <sub>8</sub> x23 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	600	900	1200	.23	.37	.52
10031	10131	24x12x12	23 <sup>7</sup> / <sub>8</sub> x11 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	500	750	1000	.23	.37	.63
10032	10132	20x20x12	19 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	700	1050	1400	.23	.37	.63
10033	10133	24x20x12	23 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	850	1250	1650	.23	.37	.63
10034	10134	24x24x12	23 <sup>7</sup> / <sub>8</sub> x23 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	1000	1500	2000	.23	.37	.63
▶ 80-85% EFFICIENCY									
BOX STYLE PART NO.*	SINGLE HEADER PART NO.*	NOMINAL FILTER SIZE	ACTUAL FILTER SIZE	RATED AIRFLOW CAPACITY(CFM)			INITIAL RESISTANCE(*w.g.)		
				LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
10025	10125	24x12x6	23 <sup>7</sup> / <sub>8</sub> x11 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	300	450	600	.16	.25	.38
10026	10126	20x20x6	19 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	450	650	850	.16	.25	.38
10027	10127	24x20x6	23 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	500	750	1000	.16	.25	.38
10028	10128	24x24x6	23 <sup>7</sup> / <sub>8</sub> x23 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	600	900	1200	.16	.25	.38
10021	10121	24x12x12	23 <sup>7</sup> / <sub>8</sub> x11 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	500	750	1000	.16	.25	.47
10022	10122	20x20x12	19 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	700	1050	1400	.16	.25	.47
10023	10123	24x20x12	23 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	850	1250	1650	.16	.25	.47
10024	10124	24x24x12	23 <sup>7</sup> / <sub>8</sub> x23 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	1000	1500	2000	.16	.25	.47
▶ 60-65% EFFICIENCY									
BOX STYLE PART NO.*	SINGLE HEADER PART NO.*	NOMINAL FILTER SIZE	ACTUAL FILTER SIZE	RATED AIRFLOW CAPACITY(CFM)			INITIAL RESISTANCE(*w.g.)		
				LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
10015	10115	24x12x6	23 <sup>7</sup> / <sub>8</sub> x11 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	400	600	750	.13	.26	.30
10016	10116	20x20x6	19 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	550	800	1050	.13	.26	.30
10017	10117	24x20x6	23 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	650	950	1250	.13	.26	.30
10018	10118	24x24x6	23 <sup>7</sup> / <sub>8</sub> x23 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	750	1150	1500	.13	.26	.30
10011	10111	24x12x12	23 <sup>7</sup> / <sub>8</sub> x11 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	500	750	1000	.14	.27	.27
10012	10112	20x20x12	19 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	700	1050	1400	.14	.27	.27
10013	10113	24x20x12	23 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	850	1250	1650	.14	.27	.27
10014	10114	24x24x12	23 <sup>7</sup> / <sub>8</sub> x23 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	1000	1500	2000	.14	.27	.27
▶ 40-45% EFFICIENCY									
BOX STYLE PART NO.*	SINGLE HEADER PART NO.*	NOMINAL FILTER SIZE	ACTUAL FILTER SIZE	RATED AIRFLOW CAPACITY(CFM)			INITIAL RESISTANCE(*w.g.)		
				LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
10005	10105	24x12x6	23 <sup>7</sup> / <sub>8</sub> x11 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	500	750	600	.21	.26	.27
10006	10106	20x20x6	19 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	700	1050	850	.21	.26	.27
10007	10107	24x20x6	23 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	825	1200	1000	.21	.26	.27
10008	10108	24x24x6	23 <sup>7</sup> / <sub>8</sub> x23 <sup>7</sup> / <sub>8</sub> x5 <sup>1</sup> / <sub>2</sub>	1000	1500	1200	.21	.26	.27
10001	10101	24x12x12	23 <sup>7</sup> / <sub>8</sub> x11 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	500	750	1000	.21	.26	.23
10002	10102	20x20x12	19 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	700	1050	1400	.21	.26	.23
10003	10103	24x20x12	23 <sup>7</sup> / <sub>8</sub> x19 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	850	1250	1550	.21	.26	.23
10004	10104	24x24x12	23 <sup>7</sup> / <sub>8</sub> x23 <sup>7</sup> / <sub>8</sub> x11 <sup>1</sup> / <sub>2</sub>	1000	1500	2000	.21	.26	.23

Consult factory for additional sizes and performance data.

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