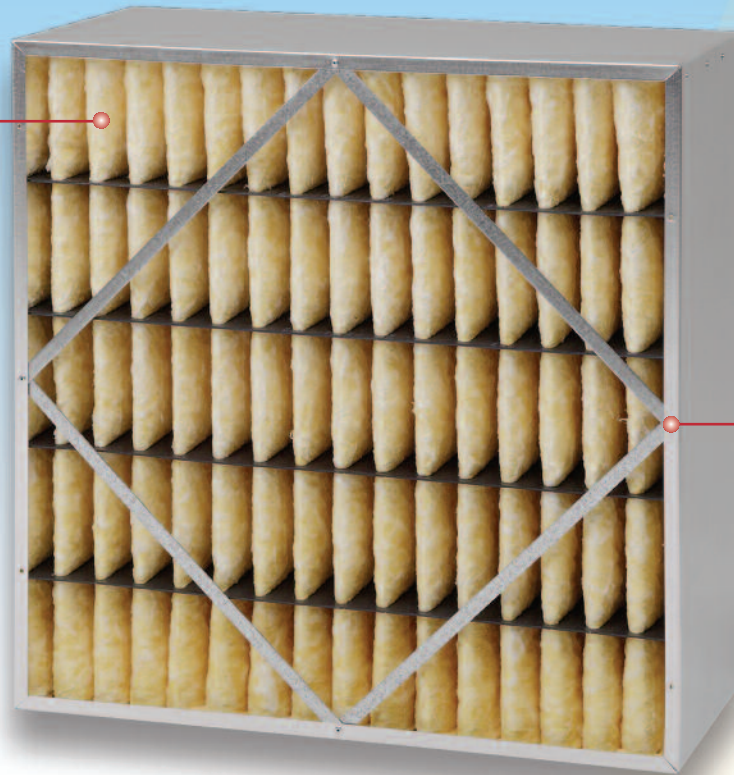


RIGID CELL BARRIER FILTERS



High-loft, ultra-fine fiberglass media for high efficiency and increased dust holding capacity



Galvanized steel frame and diagonal support bracing provides rigid construction

- ▶ **Extended Surface, Rigid Filter** for gas turbine applications.
- ▶ **High-Loft, Ultra-Fine fiberglass Media** for high efficiency and increased dust holding capacity.
- ▶ **Galvanized Steel Frame** and diagonal support bracing provides rigid construction.
- ▶ **Robust Filter Construction** to minimize shipping, handling, and installation damage.
- ▶ **Galvanized Steel Media Support** to minimize media oscillations and unloading of particulate during turbulent air flow.
- ▶ **Available in Box-Style and Single Header Configurations.**



RIGID CELL BARRIER 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.)			Media Area (sq. ft.)
				Low	Medium	High	Low	Medium	High	
14946	16396	24 x 12 x 6	23 3/8 x 11 3/8 x 5 1/2	300	450	600	.26	.40	.56	14
14947	16397	20 x 20 x 6	19 3/8 x 19 3/8 x 5 1/2	450	650	850	.26	.40	.56	19
14948	16398	24 x 20 x 6	23 3/8 x 19 3/8 x 5 1/2	500	750	1000	.26	.40	.56	24
14949	16399	24 x 24 x 6	23 3/8 x 23 3/8 x 5 1/2	600	900	1200	.26	.40	.56	29
14950	16400	24 x 12 x 12	23 3/8 x 11 3/8 x 11 1/2	500	750	1000	.26	.40	.68	28
14951	16401	20 x 20 x 12	19 3/8 x 19 3/8 x 11 1/2	700	1050	1400	.26	.40	.68	39
14952	16402	24 x 20 x 12	23 3/8 x 19 3/8 x 11 1/2	850	1250	1650	.26	.40	.68	47
14953	16403	24 x 24 x 12	23 3/8 x 23 3/8 x 11 1/2	1000	1500	2000	.26	.40	.68	58

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.)			Media Area (sq. ft.)
				Low	Medium	High	Low	Medium	High	
14954	16404	24 x 12 x 6	23 3/8 x 11 3/8 x 5 1/2	300	450	600	.19	.28	.41	14
14955	16405	20 x 20 x 6	19 3/8 x 19 3/8 x 5 1/2	450	650	850	.19	.28	.41	19
14956	16406	24 x 20 x 6	23 3/8 x 19 3/8 x 5 1/2	500	50	1000	.19	.28	.41	24
14957	16407	24 x 24 x 6	23 3/8 x 23 3/8 x 5 1/2	600	900	1200	.19	.28	.41	29
14958	16408	24 x 12 x 12	23 3/8 x 11 3/8 x 11 1/2	500	750	1000	.19	.28	.50	28
14959	16409	20 x 20 x 12	19 3/8 x 19 3/8 x 11 1/2	700	1050	1400	.19	.28	.50	39
14960	16410	24 x 20 x 12	23 3/8 x 19 3/8 x 11 1/2	850	1250	1650	.19	.28	.50	47
14961	16411	24 x 24 x 12	23 3/8 x 23 3/8 x 11 1/2	1000	1500	2000	.19	.28	.50	58

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.)			Media Area (sq. ft.)
				Low	Medium	High	Low	Medium	High	
14962	16412	24 x 12 x 6	23 3/8 x 11 3/8 x 5 1/2	400	600	750	.13	.26	.41	14
14963	16413	20 x 20 x 6	19 3/8 x 19 3/8 x 5 1/2	550	800	1050	.13	.26	.41	19
14964	16414	24 x 20 x 6	23 3/8 x 19 3/8 x 5 1/2	650	950	1250	.13	.26	.41	24
14965	16415	24 x 24 x 6	23 3/8 x 23 3/8 x 5 1/2	750	1150	1500	.13	.26	.41	29
14966	16416	24 x 12 x 12	23 3/8 x 11 3/8 x 11 1/2	500	750	1000	.14	.27	.42	28
14967	16417	20 x 20 x 12	19 3/8 x 19 3/8 x 11 1/2	700	1050	1400	.14	.27	.42	39
14968	16418	24 x 20 x 12	23 3/8 x 19 3/8 x 11 1/2	850	1250	1650	.14	.27	.42	47
14969	16419	24 x 24 x 12	23 3/8 x 23 3/8 x 11 1/2	1000	500	2000	.14	.27	.42	58

40-55% EFFICIENCY

Box Style Part No.*	Single Header Part No.*	Nominal Filter Size	Actual Filter Size	Rated Airflow Capacity (cfm)			Initial Resistance ("w.g.)			Media Area (sq. ft.)
				Low	Medium	High	Low	Medium	High	
14970	16420	24 x 12 x 6	23 3/8 x 11 3/8 x 5 1/2	500	750	1000	.21	.26	.30	14
14971	16421	20 x 20 x 6	19 3/8 x 19 3/8 x 5 1/2	700	1050	1400	.21	.26	.30	19
14972	16422	24 x 20 x 6	23 3/8 x 19 3/8 x 5 1/2	825	1200	1650	.21	.26	.30	24
14973	16423	24 x 24 x 6	23 3/8 x 23 3/8 x 5 1/2	1000	500	2000	.21	.26	.30	29
14974	16424	24 x 12 x 12	23 3/8 x 11 3/8 x 11 1/2	500	750	1000	.21	.26	.29	28
14975	16425	20 x 20 x 12	19 3/8 x 19 3/8 x 11 1/2	700	1050	1400	.21	.26	.29	39
14976	16426	24 x 20 x 12	23 3/8 x 19 3/8 x 11 1/2	850	1250	1650	.21	.26	.29	47
14977	16427	24 x 24 x 12	23 3/8 x 23 3/8 x 11 1/2	1000	1500	2000	.21	.26	.29	58

SPECIFICATIONS

Filter Media: Lofted Fiberglass	Frame: 26 ga Galvanized Steel	Maximum Temperature: 180°F
Flammability: UL 900 Class 2 (Optional Class 1)	Recommended Final Resistance: 1.5" W.G.	

*Consult factory for additional sizes and performance data.

DISTRIBUTED BY

© FGI 12/05

Phone: 877-FGI-TEAM (344-8326)
Fax: 800-518-1162