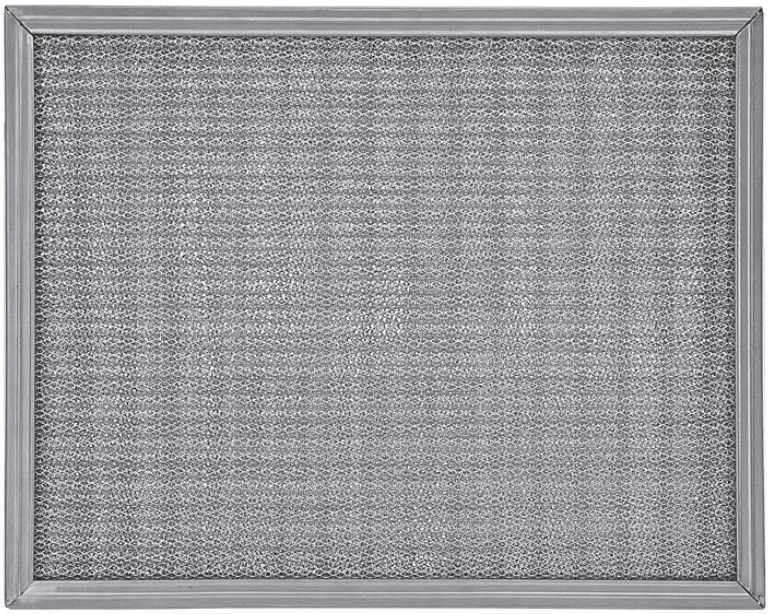
SMITH
FILTER CORPORATION
MANUFACTURERS OF AIR AND GREASE FILTERS

THRIFT AIRE FILTER



HIGHLIGHTS

- Lightweight aluminum filter
- Design-based for maximum dust holding capacity
- Low resistance
- Washable and reusable
- Rust resistant

CONSTRUCTION The Thrift-Aire Filter is a lightweight aluminum filter. It consists of multiple layers of aluminum expanded material, assembled in alternating layers to assure maximum filtering and internal loading capabilities. The media is enclosed in a medium weight aluminum frame, mitered and secured at one corner by rivets. The filter is designed for applications such as light industrial, commercial, schools, and office buildings where a lightweight permanent filter is recommended. Maximum temperature range on the Thrift-Aire Filter is 240 degrees F. Available in both stock and special sizes. Available in 3” and 4” thicknesses.

MATERIAL Filtering element shall be processed from sheet Aluminum, commercially known as 3003-H22, .025 in thickness expanded with .032 strand. Frame shall be made from sheet Aluminum 3003-H14, .025 thickness.

CLASSIFIED UL

STANDARD SIZE FILTERS

Stock Size *(Actual size 1/2” under)*	Stock #	Pack Ctn/ Lbs. Ctn
16 x 20 x 1	TA16201N	12 /18 lbs.
16 x 25 x 1	TA16251N	12 /22 lbs.
20 x 20 x 1	TA20201N	12 /22 lbs.
20 x 25 x 1	TA20251N	12 /26 lbs.
24 x 24 x 1	TA24241N	12 /30 lbs.
10 x 20 x 2	TA10202N	12 /14 lbs.
12 x 24 x 2	TA12242N	12 /20 lbs.
16 x 20 x 2	TA16202N	12 /22 lbs.
16 x 25 x 2	TA16252N	12 /27 lbs.
20 x 20 x 2	TA20202N	12 /27 lbs.
20 x 25 x 2	TA20252N	12 /32 lbs.
24 x 24 x 2	TA24242N	12 /37 lbs.

Fischer-Robertson, Inc.
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www.fischer-robertson.com

THRIFT AIRE
FILTER

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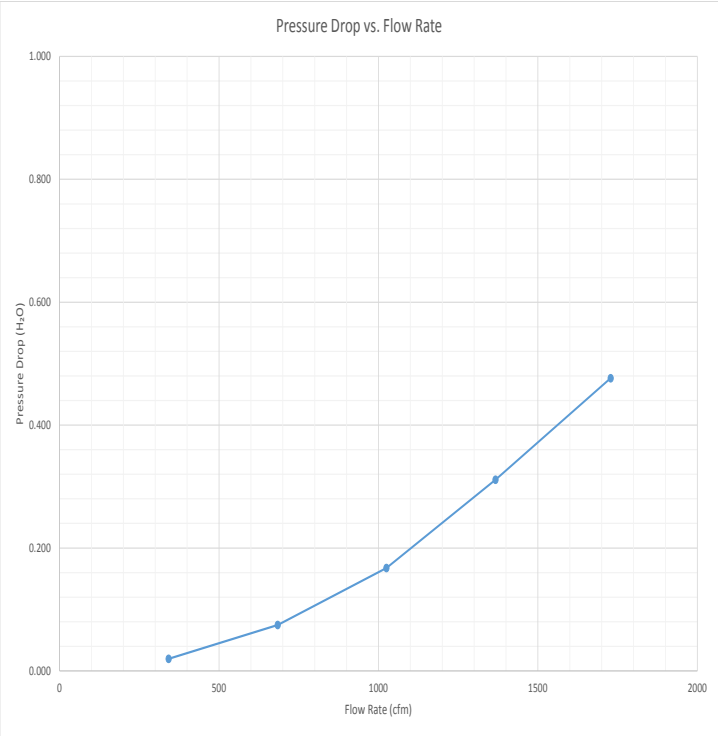
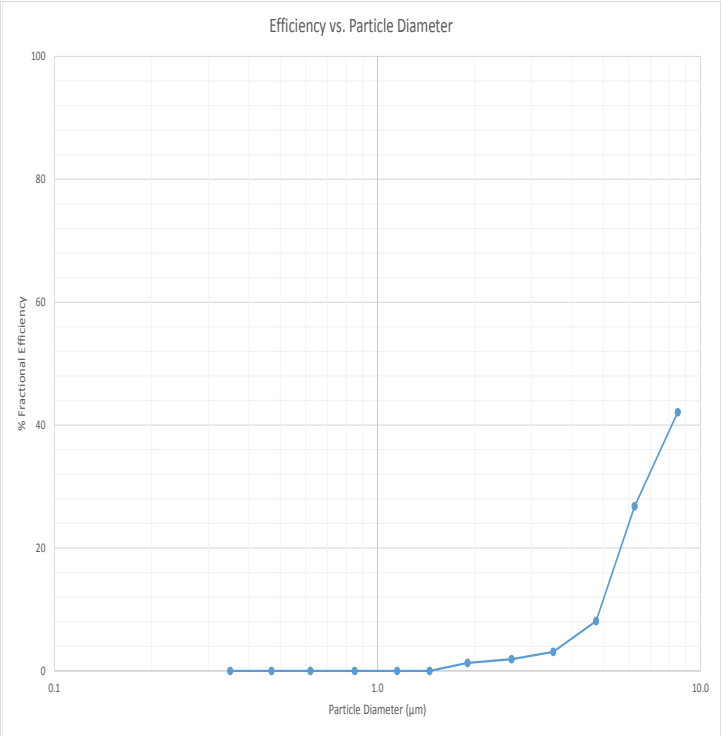
AIR DELIVERY DATA

Net Face Velocity *(F.P.M.)*	Resistance *(in inches of W.G. nominal thickness)*		C.F.M. Capacity *(by Size)*					
	1 inch	**2 inch**	**10×20**	**16×20**	**16×25**	**20×20**	**20×25**	**24×24**
267	.025	.020	282	467	597	600	768	897
356	.040	.038	376	623	796	800	1024	1197
445	.067	.060	469	779	995	1000	1279	1496
533	.100	.090	562	933	1192	1200	1532	1791
622	.142	.129	656	1089	1391	1400	1788	2091
711		.169	750	1244	1590	1600	2044	2390
800		.218	844	1400	1789	1800	2300	2689
889			938	1556	1988	2000	2556	2988
978			1032	1712	2187	2200	2812	3287