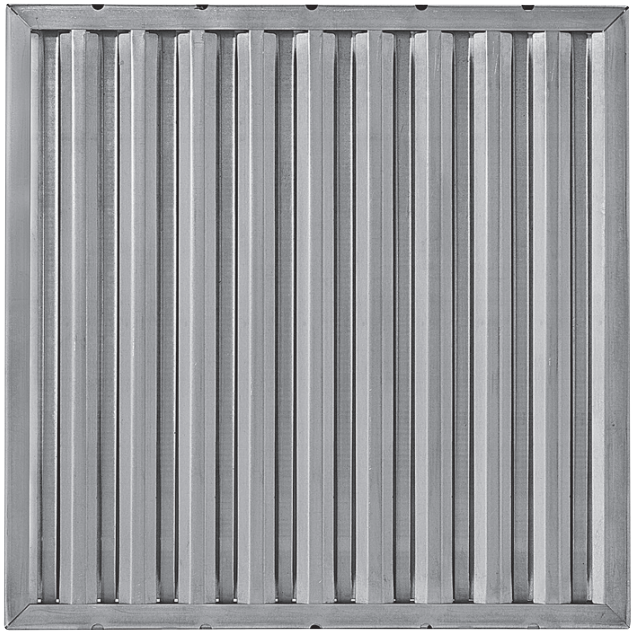
SMITH
FILTER CORPORATION
MANUFACTURERS OF AIR AND GREASE FILTERS

THRIFTY FLAME STOP
GREASE FILTER



HIGHLIGHTS

- Available in aluminum, galvanized steel, and stainless steel
- UL Classified
- Meets requirements of NFPA Standard 96
- Low resistance

CONSTRUCTION The Thrift Flame Stop filter is a unique roll-formed baffle filter, designed to prevent flame from penetrating through the filter, into the hood and duct work. The sturdy design is made of two layers of baffles, strategically placed to allow grease laden air to swirl, adhering the grease to the baffles themselves. Grease drains down the baffles into a trough, where it can be easily wiped away. Support strips hold each baffle at precise distances from one another, allowing the proper distance between each baffle as well as giving the Fire Patrol the stability this type of filter requires. Each baffle "pad" is supported by a solid metal frame, securely riveted on one side. Handles, brackets, spark arrestors, and spacers available.

ALUMINUM Made from heavy commerical aluminum. Maximum temperature is 250° F.

GALVANIZED Made from Hot Dip Galvanized Steel. Maximum temperature is 450° F.

STAINLESS Made from 430 Stainless Steel. Maximum temperature is 700° F.

STANDARD SIZE FILTERS

Nominal Size (Actual size 1/2" under) **Vertical dimension first**
10 x 20 x 1
16 x 16 x 1
16 x 20 x 1
16 x 25 x 1
20 x 16 x 1
20 x 20 x 1
20 x 25 x 1
24 x 24 x 1
25 x 16 x 1
25 x 20 x 1
25 x 25 x 1

CLASSIFIED UL

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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	.116		282	467	597	600	768	897
356	.146		376	623	796	800	1024	1197
445	.216		469	779	995	1000	1279	1496
533	.313		562	933	1192	1200	1532	1791
622	.426		656	1089	1391	1400	1788	2091
711	.565		750	1244	1590	1600	2044	2390
800			844	1400	1789	1800	2300	2689
889			938	1556	1988	2000	2556	2988
978			1032	1712	2187	2200	2812	3287