

# Trine Baffle Grease Filters

## Air Flow Characteristics

Air Flow Characteristics for Series F30, F31, F35, F36, F50 and F51:

### CFM Vs. Static Pressure

FLOW RATE CFM	FILTER SIZE							
	10 x 20	12 x 16	12 x 20	16 x 16	16 x 20	20 x 20	16 x 25	20 x 25
200	0.13	0.15	0.10	0.07	0.04	0.04	0.04	0.03
250	0.20	0.23	0.16	0.12	0.07	0.06	0.07	0.04
300	0.29	0.33	0.23	0.17	0.09	0.08	0.09	0.06
400	0.52	0.59	0.40	0.30	0.17	0.15	0.17	0.11
450	0.66	0.75	0.51	0.38	0.21	0.19	0.21	0.14
500	0.81	0.93	0.63	0.46	0.26	0.23	0.26	0.18
550	0.98	1.12	0.76	0.56	0.32	0.28	0.32	0.21
600	1.17		0.90	0.67	0.38	0.33	0.38	0.25
650			1.06	0.79	0.45	0.39	0.44	0.30
700				0.91	0.52	0.45	0.51	0.35
750				1.05	0.59	0.52	0.59	0.40
800					0.68	0.59	0.67	0.45
850					0.76	0.67	0.75	0.51
900					0.85	0.75	0.85	0.57
950					0.95	0.83	0.94	0.64
1000					1.05	0.92	1.04	0.71

### Effective Area

**Effective Area**  
The Effective Area For The Following  
Nominal Size Filters Are:

10" x 20" x 2"	1.00 SQUARE FEET
12" x 16" x 2"	0.97 SQUARE FEET
12" x 20" x 2"	1.25 SQUARE FEET
16" x 16" x 2"	1.36 SQUARE FEET
16" x 20" x 2"	1.75 SQUARE FEET
20" x 20" x 2"	2.25 SQUARE FEET
16" x 25" x 2"	2.24 SQUARE FEET
20" x 25" x 2"	2.88 SQUARE FEET

