

TYPE II – Heavy-Duty Stainless Steel Grease Filters

DUAL ACTION GREASE FILTER FEATURES:

ACTION ONE provides positive flame barrier protection. Its stainless steel interlocking baffle walls make it the most effective flame barrier of all filters marketed today.

ACTION TWO provides unsurpassed performance in efficient grease removal. The aerodynamic twin-wall "V" baffles continuously separate grease and air. Stainless steel surfaces assure constant run-off and allow grease to be safely deposited in collection troughs.

- Safest baffle filter available
- Provides positive flame barrier protection
- Heavy Duty solid stainless steel welded construction
- Sturdy drop handles provided
- Polished vanes provide self-draining grease run off
- Highly efficient in grease removal
- Patented vane design prevents grease from dripping-food, utensils and burner surfaces remain clean
- Rugged, welded stainless steel construction offers easy cleanability, can withstand today's harsh cleaning solutions, and fits in standard size dishwasher
- Economical...NEVER NEEDS REPLACING
- Recommended by leading consultants and designers
- Meets requirements of Nation Fire Protection Association Bulletin #96
- Tested and classified by UNDERWRITERS LABORATORIES, INC. FILE #R10173

OPERATION

Grease laden air is drawn into the filter by the exhaust fans. As the air starts through the aerodynamic "V" baffle system, it undergoes a series of compressions, expansions and pressure changes. The heavy grease is deposited safely and quickly on the baffles while the grease-free air passes through the filter and up the exhaust duct. The baffle's smooth surface enables the collected grease to run off into collection troughs without dripping on food, utensils or burner surfaces. The Component Hardware Grease filter method of separating grease and air has achieved superior levels for efficiency and safety not attained by competitor's filters.



CONSTRUCTION

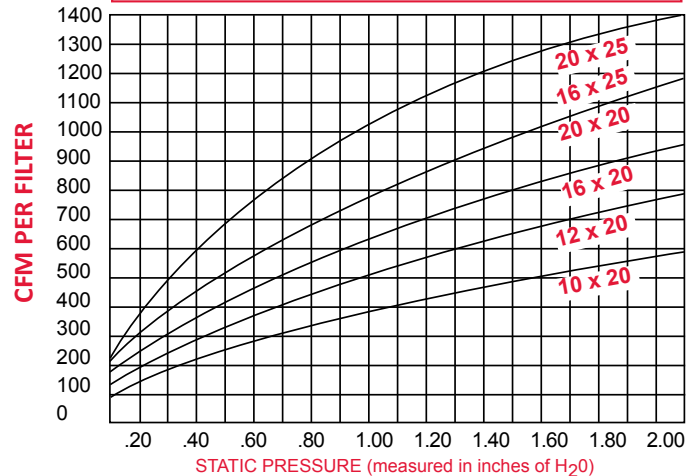
Component Hardware stainless steel grease filters are constructed of heavy duty stainless steel, providing the most durable filter available in today's market, and will provide years of trouble-free operation. There are no coatings to wear out and no involved mechanisms which can jam. All stainless steel grease filters are guaranteed against defects in workmanship or materials.

MAINTENANCE

The all-stainless steel construction allows the filter to be soaked, sprayed or placed in a dishwasher for simplified cleaning, without concern for rusting or wearing out of surface coatings.



AIR FLOW CHARACTERISTICS



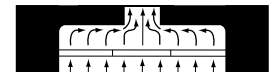
SELF-BALANCING

With conventional mesh filters, it is necessary to pull two to five times as much air through the center filter to get good smoke and grease vapor capture on the ends of a hood. This is a needless waste of costly heated or air conditioned air.

Component Hardware grease filters are aerodynamically designed to provide a self-balancing air flow throughout the entire length of a hood. Actual field tests have repeatedly shown a variation of less than $\pm 10^\circ$ air flow from end to end. This unique design assures good capture through the entire hood length, with 25 to 50% less volume of exhaust air.



Conventional Mesh Air Flow



Self-Balancing Air Flow

TYPE II

STATIC PRESSURE					
CFM per Filter	10"x20"	12"x20"	16"x20"	16x25" 20"x20"	25"x20"
150	.12	.02			
175	.18	.06			
200	.25	.11	.03		
225	.31	.16	.07		
250	.38	.21	.11	.03	
275	.46	.26	.15	.06	.03
300	.55	.31	.18	.09	.04
325	.63	.37	.23	.12	.06
350	.72	.43	.27	.15	.08
375	.84	.50	.32	.18	.10
400	.95	.56	.37	.22	.12
425	1.06	.62	.42	.25	.14
450	1.17	.70	.47	.28	.16
475	1.32	.77	.52	.32	.18
500	1.45	.85	.57	.36	.21
525	1.60	.92	.62	.40	.23
550	1.75	1.01	.66	.44	.25
575	1.90	1.10	.75	.48	.27
600		1.18	.81	.52	.30
625		1.27	.87	.57	.32
650		1.37	.93	.62	.35
675		1.47	1.01	.67	.37
700		1.58	1.07	.72	.41
725		1.70	1.14	.77	.43
750		1.81	1.22	.82	.46
775		1.95	1.30	.88	.49
800			1.37	.93	.53
825			1.46	1.00	.56
850			1.55	1.06	.60
875			1.65	1.12	.63
900			1.75	1.17	.67
925			1.87	1.23	.71

EFFECTIVE AREA CHART	
NOMINAL (in) L x W x T	EFFECTIVE AREA Square Feet
10 x 20 x 2	1.00
12 x 20 x 2	1.25
16 x 20 x 2	1.75
16 x 25 x 2	2.24
20 x 20 x 2	2.25
20 x 25 x 2	2.88

**ALL COMPONENT HARDWARE
STAINLESS STEEL GREASE FILTERS ARE:**
Classified by Underwriters' Laboratories Inc.-File #R10173.

COMPONENT HARDWARE GROUP, INC. Grease filter classification by Underwriters' Laboratories, Inc., as to flammability only after exposure to grease-laden air. See U.L. Classified Building Material Index. File #R10173



TYPE II - HEAVY DUTY STAINLESS STEEL

HEAVY DUTY STAINLESS STEEL MODEL NO.	NOMINAL SIZE H X W inches & mm	ACTUAL DIM.'S H X W X D inches	WT. PER FILTER		CASE QTY
			LBS	KG	
201016	10 x 16 (254mm x 406mm)	9-1/2 x 15-1/2 x 1-7/8	5.5	2.49	6
201020	10 x 20 (254mm x 508mm)	9-1/2 x 19-1/2 x 1-7/8	6	2.72	6
201216	12 x 16 (305mm x 406mm)	11-1/2 x 15-1/2 x 1-7/8	6.5	2.95	6
201220	12 x 20 (305mm x 508mm)	11-1/2 x 19-1/2 x 1-7/8	7	3.18	6
201616	16 x 16 (406mm x 406mm)	15-1/2 x 15-1/2 x 1-7/8	8	3.63	3
201620	16 x 20 (406mm x 508mm)	15-1/2 x 19-1/2 x 1-7/8	8.5	3.86	3
201625	16 x 25 (406mm x 635mm)	15-1/2 x 24-1/2 x 1-7/8	10.5	4.76	3
202016	20 x 16 (508mm x 406mm)	19-1/2 x 15-1/2 x 1-7/8	6.5	2.95	3
202020	20 x 20 (508mm x 508mm)	19-1/2 x 19-1/2 x 1-7/8	10.25	4.65	3
202025	20 x 25 (508mm x 635mm)	19-1/2 x 24-1/2 x 1-7/8	12	5.44	3
202516	25 x 16 (635mm x 406mm)	24-1/2 x 15-1/2 x 1-7/8	11.5	5.22	3
202520	25 x 20 (635mm x 508mm)	24-1/2 x 19-1/2 x 1-7/8	12	5.44	4