

The logo for Airsan, featuring the word "AIRSAN" in a bold, sans-serif font. The "A" is stylized with a blue triangle to its left. The letters "I", "R", "S", "A", and "N" are in black, while the "I" and "R" have a blue outline or shadow effect.

AIRSAN

CLEAN AIR FOR BETTER LIVING

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Airsan is a leading manufacturer of INDUSTRIAL FILTRATION PRODUCTS

HEADQUARTERED IN THE UNITED STATES, AIRSAN IS A WORLDWIDE SUPPLIER TO MINING COMPANIES, PETROCHEMICAL REFINERIES, POWER GENERATION PLANTS, COMMERCIAL TRANSPORTATION SYSTEMS, PROCESS ENGINEERING COMPANIES, CLEAN ENERGY PRODUCERS, HEAVY EQUIPMENT OEM'S, FOOD PROCESSING FACILITIES, AND DIVISIONS OF DEFENSE AND AEROSPACE FOR BOTH MILITARY AND PRIVATE SECTORS.

AIRSAN HAS BEEN IN BUSINESS SINCE **1941**. WE REMAIN COMPETITIVE AND DYNAMIC BY:

- ADAPTING TO TRENDS THAT IMPACT THE EFFICIENCY AND COST-EFFECTIVENESS OF OUR CUSTOMERS' PRODUCTS AND APPLICATIONS
- RECOGNIZING PATTERNS AND CHALLENGES OF GLOBALIZATION
- COMMITTING TO DELIVER HIGH QUALITY PRODUCTS THAT ARE ENGINEERED AND MANUFACTURED IN THE U.S.A.

AIRSAN STAYS ON THE LEADING EDGE BY ADVANCING AND INTEGRATING TECHNOLOGY IN FILTRATION SOLUTIONS FOR SAFER AND BETTER ENVIRONMENTAL PERFORMANCE.

WE WELCOME CHANGE AS AN OPPORTUNITY TO OFFER INTELLIGENT AND EFFICIENT SOLUTIONS FOR THE SUCCESS OF OUR CUSTOMERS.



PRODUCTS

PERMANENT METAL AIR FILTERS 1

TYPE W	TYPE AFD
TYPE AF	TYPE N
TYPE V	TYPE LS
TYPE AG	TYPE GF

PLEATED DRY TYPE AIR FILTERS 2

TYPE DD	TYPE PP
TYPE KK6	TYPE DDF

FILTER RETAINERS 3

TYPE AH	TYPE DM
TYPE DMN (Navy)	

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ACCESSORIES 5

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- TYPE W
- TYPE AF
- TYPE AFD
- TYPE V
- TYPE N
- TYPE LS
- TYPE AG
- TYPE GF



TYPE W

INDUSTRIAL HIGH VELOCITY FILTERS
PERMANENT • ALL METAL • VISCOUS IMPINGEMENT FILTERS

AIRSAN TYPE W FILTERS ARE MANUFACTURED TO DELIVER CONSISTENT, DURABLE PERFORMANCE IN TURBINE GENERATORS, POWER PLANTS, WIND TURBINES AND OFF SHOREOIL RIGS, AS WELL AS MILITARY SUBMARINES AND SURFACE VESSELS.

TYPE W FILTERS ARE VISCOUS-IMPINGEMENT FILTERS, ENGINEERED TO MANAGE HIGH AIRFLOW VELOCITIES IN AIR HANDLING EQUIPMENT USED IN HEATING, COOLING AND VENTILATION SYSTEMS. TYPE W FILTERS ARE ALSO IDEAL FOR DEMISTING APPLICATIONS AND CAN BE APPLIED EITHER AT THE AIR INTAKE OR IN THE AIR STREAM AFTER-COILS.

TYPE W FILTERS ARE AVAILABLE IN EITHER A 2", 4" OR CUSTOMIZED NOMINAL THICKNESS AND FABRICATED WITH GALVANIZED STEEL FRAME AND MEDIA. WE CAN ALSO OFFER YOU A CHOICE OF MATERIALS FOR SPECIALIZED APPLICATIONS THAT INCLUDES BRONZE, STAINLESS STEEL OR ALUMINUM.

VIRO-CRIMPED MEDIA OUR PATENTED VIRO-CRIMPED MEDIA IS CONSTRUCTED OF HORIZONTAL WIRE SCREEN CLOTH TO PROVIDE A LARGE FILTERING AREA WHILE ELIMINATING DIRECT AIR PASSAGES THROUGH THE FILTER MEDIA. MEDIA EDGES ARE HEMMED FOR WORKER SAFETY, AND REINFORCING RODS ARE CENTERED THROUGH THE FILTER TO PREVENT MEDIA SHIFTING FOR CONSISTENT STRUCTURAL INTEGRITY.

PERFORMANCE DATA

CFM/ SQ. IN	NET FACE VELOCITY IN FPM	RESISTANCE CLEAN INCH W.G.	FILTER CAPACITY - CFM					
			12X24	16X20	16X25	20X20	20X25	24X24
1.85	267	.031	300	470	598	600	766	894
2.47	350	.060	400	625	795	800	1010	1195
3.07	444	.085	500	777	994	1000	1274	1505
3.70	533	.130	600	933	1195	1200	1530	1786
4.04	577	.140	650	1012	1291	1300	1656	1950
4.62	633	.180	750	11085	1417	1500	1816	2235

DIMENSIONS AND WEIGHTS


STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾⁽³⁾	NOMINAL SIZE ⁽²⁾	WEIGHT (LBS.)	ACTUAL SIZE (IN.)
902493	WGG2-1224	12 X 24 X 2	7	11.50 x 23.50 x 1.875
900912	WGG2-1620	16 X 20 X 2	8	15.50 x 19.50 x 1.875
900913	WGG2-1625	15 X 25 X 2	9	15.50 x 24.50 x 1.875
900852	WGG2-2020	20 X 20 X 2	9	19.50 x 19.50 x 1.875
900914	WGG2-2025	20 X 25 X 2	11	19.50 x 24.50 x 1.875
900915	WGG2-2424	24 X 24 X 2	12	23.375 x 23.375 x 1.875


(1) 4 Inch Depth elements are ordered by prefix WGG4-
(2) Use WGG2-50 and state actual dimension when special sizes are required
(3) To order aluminum, use the prefix "WAA2". To order stainless steel, use the prefix "WSS2"



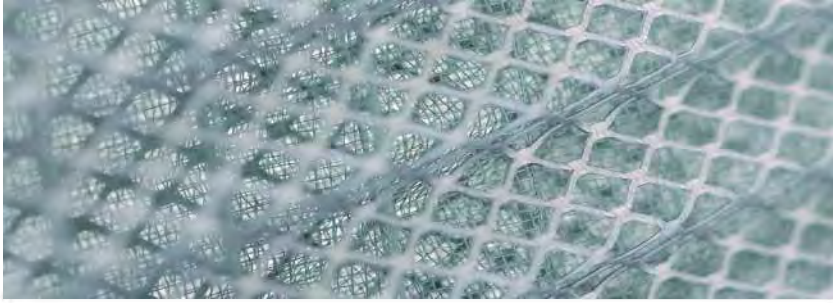
PERMANENT METAL AIR FILTERS

PERMANENT • ALL METAL • VISCOUS IMPINGEMENT FILTERS





CLEAN AIR FOR BETTER LIVING



TYPE AF

COMMERCIAL GRADE FILTERS

FOR HEATING, COOLING AND VENTILATION

AIRSAN TYPE AF FILTERS ARE AN EFFICIENT YET ECONOMICAL CHOICE FOR A WIDE RANGE OF INDUSTRIAL AND COMMERCIAL MEDIUM-DUTY APPLICATIONS IN PETROCHEMICAL INDUSTRIES, REFINERIES, THE PAPER PACKAGING INDUSTRY, AND AS A PERMANENT FILTER OPTION FOR ROOFTOP HVAC SYSTEMS.

TYPE AF FILTERS FEATURE LOW INITIAL RESISTANCE, HIGH DUST-HOLDING CAPACITY AND A LOW RATE OF INCREASE IN STATIC PRESSURE TO PROVIDE PEAK FILTRATION PERFORMANCE. AIRSAN TYPE AF FILTERS ARE BUILT TO LAST WITH MULTIPLE LAYERS OF SPECIALLY ARRANGED CRIMPED ELECTRO-GALVANIZED EXPANDED METAL AND ASSEMBLED IN DURABLE 18-GAUGE GALVANIZED STEEL FRAMES. IN ADDITION TO STANDARD 1" AND 2" NOMINAL WIDTHS, AIRSAN CAN CUSTOM CREATE SPECIALIZED SIZES IN ALUMINUM, BRONZE OR STAINLESS STEEL TO MEET UNIQUE SPECIFICATIONS.

DIMENSIONS STANDARD SIZE TYPE AF FILTERS

1" GALVANIZED TYPE AF AIR FILTER

STOCK NO.	CATALOG DESCRIPTION ^{(1) (3)}	NOMINAL SIZE ⁽²⁾	ACTUAL SIZE
902503	AFGG1-1224	12 X 24 X 1	11.50 x 23.50 x 0.875
901008	AFGG1-1620	16 X 20 X 1	15.50 x 19.50 x 0.875
901009	AFGG1-1625	15 X 25 X 1	15.50 x 24.50 x 0.875
901010	AFGG1-2020	20 X 20 X 1	19.50 x 19.50 x 0.875
901011	AFGG1-2025	20 X 25 X 1	19.50 x 24.50 x 0.875
901012	AFGG1-2424	24 X 24 X 1	23.375 x 23.375 x 0.875

2" GALVANIZED TYPE AF AIR FILTER

STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	NOMINAL SIZE ⁽²⁾	ACTUAL SIZE
902504	AFGG2-1224	12 X 24 X 2	11.50 x 23.50 x 1.875
901038	AFGG2-1620	16 X 20 X 2	15.50 x 19.50 x 1.875
901039	AFGG2-1625	15 X 25 X 2	15.50 x 24.50 x 1.875
901040	AFGG2-2020	20 X 20 X 2	19.50 x 19.50 x 1.875
901041	AFGG2-2025	20 X 25 X 2	19.50 x 24.50 x 1.875
901042	AFGG2-2424	24 X 24 X 2	23.375 x 23.375 x 1.875

PERFORMANCE DATA - AFGG2-2020 (Full test results available upon request)

FLOW RATE CFM	VELOCITY FPM	dP (mm H2O)	PRESSURE DROP ("H2O)	% OF RATED AIR FLOW	DUST FED	PRESSURE DROP
0	0	0	0	0%	0	0.198
434	156	0.45	0.018	25%	30	0.238
868	313	1.47	0.058	50%	129	0.399
1302	469	2.98	0.117	75%	189	0.599
1736	625	5.03	0.198	100%	220.8	0.8
2170	781	7.58	0.298	125%	255.8	1

(1) 4 Inch Depth elements are ordered by prefix AFGG4-

(2) Use AFGG2-50 and state actual dimension when special sizes are required

(3) To order aluminum, use the prefix "AFAA2". To order stainless steel, use the prefix "AFSS2"



TYPE AFD

MOISTURE ELIMINATING FILTERS

FOR THE COLLECTION OF OIL MIST AND WATER DROPLETS

AIRSAN TYPE AFD MOISTURE ELIMINATORS ARE DESIGNED FOR USE IN AIR HANDLING SYSTEMS THAT REQUIRE THE COLLECTION OF OIL MIST AND WATER DROPLETS. THE TYPE AFD CAN BE USED IN A VARIETY OF INDUSTRIES SUCH AS ACID PLANTS, FERTILIZER PLANTS, STEEL MILLS, ASPHALT PLANTS AND LARGE POWER PLANTS. THEY PERFORM WELL AS PREFILTERS FOR LARGE PAINT BOOTHS, REMOVING BOTH MOISTURE AND LARGE PARTICULATE FROM THE AIR STREAM.

BENEFITS OF THE TYPE AFD MOISTURE ELIMINATORS IS THAT THEY ARE PERMANENT, WASHABLE, AND REUSABLE. USED AS A PREFILTER, THEY PROMOTE LONGER LIVES OF THE FINAL FILTER, WHICH IN TURN LOWERS THE REPLACEMENT COSTS OF THE FINAL FILTER. TYPE AFDs ALSO CONTRIBUTE TO CLEANER AND SAFER WORK ENVIRONMENTS.

TECHNICAL DATA

Fan Speed	Droplet Size	Initial Resistance	Moisture Removal Efficiency
500 fpm	20 micron	.20 inches w.g.	98.4%
500 fpm	30 micron	.24 inches w.g.	99.7%
600 fpm	20 micron	.32 inches w.g.	99.3%

SERVICING

Wash in hot water and detergent and rinse. Allow filter to dry prior to being put back into service.

DIMENSIONS STANDARD SIZE TYPE AF FILTERS

2" GALVANIZED TYPE AFD MOISTURE ELIMINATOR

STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	NOMINAL SIZE ⁽²⁾	ACTUAL SIZE
904474	AFDGG2-1224	12 X 24 X 2	11.50 x 23.50 x 1.875
904473	AFDGG2-1620	16 X 20 X 2	15.50 x 19.50 x 1.875
904472	AFDGG2-1625	15 X 25 X 2	15.50 x 24.50 x 1.875
904471	AFDGG2-2020	20 X 20 X 2	19.50 x 19.50 x 1.875
904470	AFDGG2-2025	20 X 25 X 2	19.50 x 24.50 x 1.875
904469	AFDGG2-2412	24 X 12 X 2	23.375 x 11.375 x 1.875
904468	AFDGG2-2424	24 X 24 X 2	23.375 x 23.375 x 1.875

4" GALVANIZED TYPE AFD MOISTURE ELIMINATOR

STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	NOMINAL SIZE ⁽²⁾	ACTUAL SIZE
903894	AFDGG4-1224	12 X 24 X 4	11.50 x 23.50 x 3.75
903893	AFDGG4-1620	16 X 20 X 4	15.50 x 19.50 x 3.75
903892	AFDGG4-1625	15 X 25 X 4	15.50 x 24.50 x 3.75
903891	AFDGG4-2020	20 X 20 X 4	19.50 x 19.50 x 3.75
903890	AFDGG4-2025	20 X 25 X 4	19.50 x 24.50 x 3.75
903889	AFDGG4-2412	24 X 12 X 4	23.375 x 23.375 x 3.75
903888	AFDGG4-2424	24 X 24 X 4	23.375 x 23.375 x 3.75

(1) To order aluminum, use the prefix "AFDAA". To order stainless steel, use the prefix "AFDSS". To order bronze, use the prefix "AFDBB"

(2) Use AFDGG2-50 and state actual dimension when special sizes are required



TYPE V

LOW VELOCITY FILTERS
FOR HEATING, COOLING AND VENTILATION

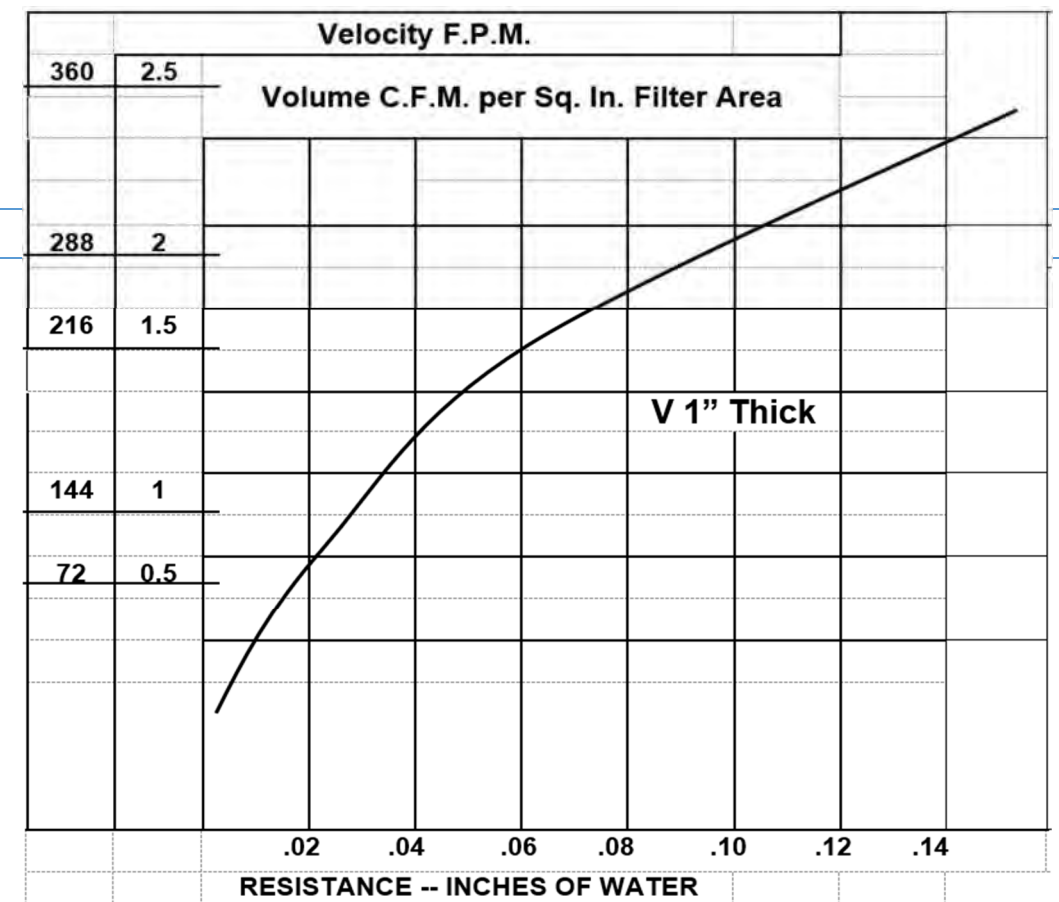
AIRSAN TYPE V FILTERS HAVE BEEN SPECIALLY DESIGNED FOR EQUIPMENT ESSENTIAL TO OPERATE ELECTRICAL CONTROL SYSTEMS, VENTILATION AND SHIPBOARD LIGHTING SYSTEMS.

PRECISION CONSTRUCTION PREVENTS THE MEDIA FROM SETTLING OR CHANGING DENSITY, WHILE EFFICIENCY REMAINS UNAFFECTED BY DRAMATIC CHANGES IN TEMPERATURE OR CLIMATE. THE ALL METAL CONSTRUCTION WITHSTANDS VIBRATION AND SHOCK, AND RF SHIELDING IS AVAILABLE FOR SPECIAL APPLICATIONS.

TECHNICAL DATA

INITIAL RESISTANCE

The initial resistance to air flow ranges from .025 H₂O at 144 FPM to .09 288 FPM. Based on 83% AC fine test dust weight arrestance.





NAVY AIR FILTERS

PERMANENT • ALL METAL • VISCOUS IMPINGEMENT FILTERS

TYPE N FILTERS ARE VISCOUS-IMPINGEMENT FILTERS, ENGINEERED TO MANAGE HIGH AIRFLOW VELOCITIES IN AIR HANDLING EQUIPMENT USED IN HEATING, COOLING AND VENTILATION SYSTEMS. TYPE N FILTERS ARE ALSO IDEAL FOR DEMISTING APPLICATIONS AND CAN BE APPLIED EITHER AT THE AIR INTAKE OR IN THE AIR STREAM AFTER COILS.

TYPE N FILTERS ARE MANUFACTURED AND FABRICATED WITH GALVANIZED STEEL FRAME AND MEDIA. WE CAN ALSO OFFER YOU A CHOICE OF MATERIALS FOR SPECIALIZED APPLICATIONS THAT INCLUDES STAINLESS STEEL, OR ALUMINUM.

A close-up photograph of a textured, woven material, possibly a mesh or fabric, showing a repeating diamond pattern. The material is light-colored and appears to be part of a larger structure, with a dark, possibly black, rectangular section visible on the left side.

Dimensions And Data

Size	Dimensions Inches			Net Face Area	CFM at Various Face Velocities - FPM					Weight (Pounds) Aluminum	Weight (Pounds) Steel	Weight (Pounds) Stainless
	Width	Length	Depth		400	500	600	700	800			
10AF	7.25	7.25	2.06	0.25	100	125	150	175	200	1.25	2.50	2.50
11AF	8	12.5	2.06	0.53	211	264	316	369	422	1.75	4.25	4.25
12AF	10	14.5	2.06	0.80	322	402	483	564	544	2.25	5.50	5.50
13AF	10	22	2.06	1.26	504	630	756	882	1008	3.25	7.50	7.50
14AF	15.5	24.5	2.06	2.30	920	1150	1381	1611	1841	4.50	12.00	12.00
15AF	19.5	19.5	2.06	2.31	925	1153	1387	1619	1850	4.50	12.00	12.00
16AF	19.5	29.5	2.06	3.58	1432	1790	2148	2506	2864	6.75	18.50	18.50

If size not listed is required, use the designation N50AF-"Material" followed by the exact dimensions.



TYPE LS

LINT SCREEN AIR FILTERS

PERMANENT• ALL METAL• VISCOUS IMPINGEMENT FILTERS


AIRSAN TYPE LS FILTERS, OR LINT SCREEN, OFFER BASIC FILTRATION OF LOW-VELOCITY APPLICATIONS, OR APPLICATIONS WITH VERY LOW PARTICULATE DENSITY. THESE ARE FILTERS ARE TYPICALLY THIN SINGLE LAYER OR DUAL-LAYERED SCREEN WIRE FILTERS THAT ELIMINATE RISK OF FILTER MEDIA FAILURE. TYPE LS FILTERS WORK WELL FOR COTTONWOOD SEED FILTRATION ON LIGHT COMMERCIAL AND HVAC EQUIPMENT.

PERFORMANCE DATA - LS3AA2-2626 (Full test results available upon request)
LS3 = Lint Screen with 3 layers.

FLOW RATE	VELOCITY	dP	PRESSURE DROP	% OF RATED	DUST FED	PRESSURE
CFM	FPM	(mm H2O)	("H2O)	AIR FLOW		DROP
0	0	0.00	0.000	0%	0.00	0.030
492	123	0.09	0.004	25%	30.00	0.031
984	246	0.26	0.010	50%	530.00	0.101
1476	369	0.48	0.019	75%		
1968	492	0.77	0.030	100%		
2460	615	1.25	0.049	125%		

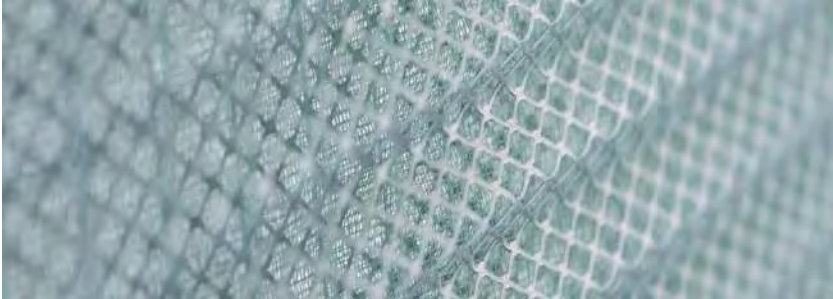
PERMANENT METAL AIR FILTERS

PERMANENT • ALL METAL • WATER DROPLETS AND OIL MIST COALESCER



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CLEAN AIR FOR BETTER LIVING



TYPE AG

10 LAYER MEDIA FILTERS

FOR DEMISTING, SPARK ARRESTANCE AND GREASE SEPARATION

AIRSAN TYPE AG AIR & GREASE FILTERS ARE PROVEN AS SOME OF THE MOST DURABLE, EFFICIENT FILTERS FOR USE IN FOOD PROCESSING PLANTS, WASTE TREATMENT FACILITIES AND DOZENS OF OTHER HEAVY-DUTY APPLICATIONS. THE EXTRA HEAVY EXPANDED METAL MEDIA ON THE AIR-INTAKE FACE ABSORBS HEAT TO RESIST “BURNOUTS” AND PREVENT GREASE FROM ENTERING EXHAUST DUCTS. OUR RUGGED 10-PIECE MEDIA CONSTRUCTION CREATES AN AIR FLOW PATTERN THAT ALLOWS FOR EFFICIENT AIR PASSAGE WHILE MAINTAINING AN EXTENSIVE NETWORK OF GREASE TRAPPING SURFACES.

THESE GREASE FILTERS ARE ALSO DURABLE ENOUGH FOR USE IN HIGH-VELOCITY APPLICATIONS THAT COMPLEMENT OUR HEAVY-DUTY AIR FILTERS, BUT ARE BELOW A 2” NOMINAL THICKNESS – THE PERFECT SOLUTION FOR PETROCHEMICAL COMPANIES, ROOF-MOUNTED EXHAUST BLOWERS AND OTHER HIGH-FLOW FILTRATION SYSTEMS.

PERFORMANCE DATA - AGGG2-2020 (Full test results available upon request)

FLOW RATE CFM	VELOCITY FPM	dP (mm H2O)	PRESSURE DROP ("H2O)	% OF RATED AIR FLOW	DUST FED	PRESSURE DROP
0	0	0.00	0.000	0%	0.00	0.310
438	158	0.72	0.028	25%	30.00	0.327
875	315	2.24	0.088	50%	76.00	0.355
1313	473	4.62	0.182	75%	108.00	0.404
1750	630	7.87	0.310	100%	125.00	0.452
2188	780	11.66	0.459	125%	140.50	0.500
					286.5	1.000

DIMENSIONS AND WEIGHTS

STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	NOMINAL SIZE ⁽²⁾	WEIGHT (LBS.)	ACTUAL SIZE (IN.)
907465	AGGG2-1224	12 X 24 X 2	5	11.50 x 23.50 x 1.875
902180	AGGG2-1620	16 X 20 X 2	5	15.50 x 19.50 x 1.875
902181	AGGG2-1625	16 X 25 X 2	6	15.50 x 24.50 x 1.875
902182	AGGG2-2020	20 X 20 X 2	6	19.50 x 19.50 x 1.875
902183	AGGG2-2025	20 X 25 X 2	7	19.50 x 24.50 x 1.875
902184	AGGG2-2424	24 X 24 X 2	8	23.375 x 23.375 x 1.875

(1)

To order aluminum, use the prefix “AGAA”. To order stainless steel, use the prefix “AGSS”.

(2)

Use AGGG2-50 and state actual dimension when special sizes are required.

PERMANENT METAL AIR FILTERS

MULTI-PURPOSE AIR & GREASE FILTER



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CLEAN AIR FOR BETTER LIVING

TYPE GF

5 LAYER MEDIA FILTERS

FOR SPARK ARRESTANCE AND GREASE SEPARATION

AIRSAN TYPE GF AIR & GREASE FILTERS ARE THE IDEAL COST EFFECTIVE ALTERNATIVE TO THE HEAVY DUTY TYPE AG. FOR LOWER VELOCITY OR MEDIUM DUTY APPLICATIONS, AIRSAN TYPE GF AIR & GREASE FILTERS UTILIZE THE SAME 18-GAUGE GALVANIZED STEEL FRAME, THE GF FILTER’S 5-PIECE MEDIA CREATES AN AIR FLOW PATTERN THAT ALLOWS EFFICIENT AIR PASSAGE WHILE CAPTURING AIRBORNE DIRT, GREASE AND LINT PARTICLES WHILE EXTENDING THE USEFUL LIFE OF COIL, BLOWERS, MOTORS AND OTHER MECHANICAL EQUIPMENT.

PERFORMANCE CHARACTERISTICS

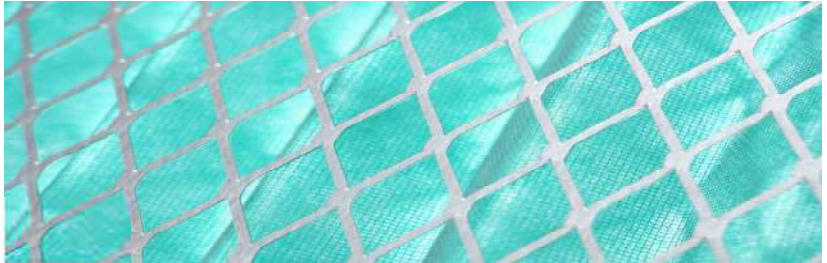
VELOCITY FPM	PRESSURE DROP ("H2O)	FILTER CAPACITY—CFM			
		12 X 24	16 X 20	20 X 20	20 X 25
216	0.030	231	396	506	644
288	0.050	308	528	675	859
360	0.080	385	660	844	1074
432	0.110	462	792	1013	1288

DIMENSIONS AND WEIGHTS

STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	NOMINAL SIZE ⁽²⁾	WEIGHT (LBS.)	ACTUAL SIZE (IN.)
904539	GFGG2-1224	12 X 24 X 2	4	11.50 x 23.50 x 1.875
902220	GFGG2-1620	16 X 20 X 2	4	15.50 x 19.50 x 1.875
902221	GFGG2-1625	16 X 25 X 2	5	15.50 x 24.50 x 1.875
902222	GFGG2-2020	20 X 20 X 2	5	19.50 x 19.50 x 1.875
902223	GFGG2-2025	20 X 25 X 2	6	19.50 x 24.50 x 1.875
902224	GFGG2-2424	24 X 24 X 2	7	23.375 x 23.375 x 1.875

⁽¹⁾ To order aluminum, use the prefix "GFAA". To order stainless steel, use the prefix "GFSS".

⁽²⁾ Use GFGG2-50 and state actual dimension when special sizes are required.



TYPE DD

RENEWABLE HEAVY DUTY AIR FILTERS

PERMANENT • DRY TYPE • PLEATED NON-WOVEN MEDIA

FOR ENGINES, COMPRESSORS AND INDUSTRIAL VENTILATION

AIRSAN TYPE DD FILTERS ARE HEAVY-DUTY, EASILY CLEANABLE FILTERS DESIGNED FOR ENGINES, COMPRESSORS AND A VARIETY OF OTHER INDUSTRIAL APPLICATIONS THAT DO NOT INVOLVE CORROSIVE ENVIRONMENTS. THE TYPE DD IS A SLIGHTLY HIGHER FILTRATION, COST EFFECTIVE ALTERNATIVE TO OUR TYPE W FOR MANY SIMILAR APPLICATIONS THAT DON'T REQUIRE ALL-METAL CONSTRUCTION. MADE WITH A GALVANIZED STEEL FRAME AND LONG-LASTING POLYESTER MEDIA, PLUS EXPANDED METAL FACE PIECES – FRONT AND BACK – TO PREVENT MEDIA SHIFTING. TYPE DD FILTERS WILL PROVIDE YEARS OF RELIABLE PERFORMANCE WITH LOW-COST ROUTINE SERVICING.

FOR HIGHER FILTRATION REQUIREMENTS, PLEASE SEE THE AIRSAN TYPE DDF

PERFORMANCE DATA - DDGG2-2025 (Full test results available upon request)

FLOW RATE CFM	VELOCITY FPM	dP (mm H2O)	PRESSURE DROP ("H2O)	% OF RATED AIR FLOW	DUST FED	PRESSURE DROP
0	0	0.00	0.000	0%	0.00	0.175
378	109	0.50	.020	25%	10.00	0.215
755	218	1.43	0.056	50%	65.50	0.381
1133	326	2.72	0.107	75%	119.30	0.587
1510	435	4.45	0.175	100%	145.10	0.794
1888	544	6.43	0.253	125%	157.70	1.000
2082		7.55	0.297			

DIMENSIONS AND WEIGHTS

STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾⁽³⁾	NOMINAL SIZE ⁽²⁾	WEIGHT (LBS.)	ACTUAL SIZE (IN.)
902530	DDGG2-1224	12 X 24 X 2	4	11.50 x 23.50 x 1.875
901442	DDGG2-1620	16 X 20 X 2	5	15.50 x 19.50 x 1.875
901444	DDGG2-1625	15 X 25 X 2	6	15.50 x 24.50 x 1.875
901445	DDGG2-2020	20 X 20 X 2	6	19.50 x 19.50 x 1.875
901446	DDGG2-2025	20 X 25 X 2	7	19.50 x 24.50 x 1.875
901447	DDGG2-2424	24 X 24 X 2	8	23.375 x 23.375 x 1.875

⁽¹⁾ 4 Inch Depth elements are ordered by prefix DDGG4-
⁽²⁾ Use DDGG2-50 and state actual dimension when special sizes are required
⁽³⁾ To order aluminum, use the prefix "DDAA2". To order stainless steel, use the prefix "DDSS2"

PLEATED DRY TYPE AIR FILTERS
PERMANENT • PLEATED • DRY TYPE • NON-WOVEN MEDIA



TYPE KK6

FOR ELECTRONIC CABINET VENTILATION AND AIR MOVING SYSTEMS

PERMANENT • DRY TYPE • NON-WOVEN MEDIA

AIRSAN TYPE KK6 FILTERS ARE MERV 6 WASHABLE AIR FILTERS THAT ARE USED FOR FURNACE FILTRATION AND INDUSTRIAL CABINETRY, MILITARY-SPEC COMPUTER HOUSINGS, ELECTRICAL SYSTEMS AND INVERTER VENTILATION. TYPE KK6 FILTERS ARE USED WITH NO ADHESIVES, PROVIDING LOW ININITIAL RESISTANCE AND LARGE DUST HOLDING CAPACITY FOR GREATER OVERALL EFFICIENCY.

KK6 FILTERS ARE DESINGNED WITH POLYESTER MEDIA BETWEEN TWO PIECES OF SCREEN CLOTH, METAL FRAME, AND EXPANDED METAL ON BOTH FACES FOR ADDED PROTECTION.

TYPE KK6 FILTER ARE EASILY INTERCHANGEABLE WITH ANY DISPOSABLE FILTER, AND CAN BE INSTALLED AND SERVICED IN LESS TIME THAN ORDERING, RECEIVING, STOCKING AND REPLACING THE OLD FILTER.

PERFORMANCE DATA - KK6GG2-2424 (Full test results available upon request)

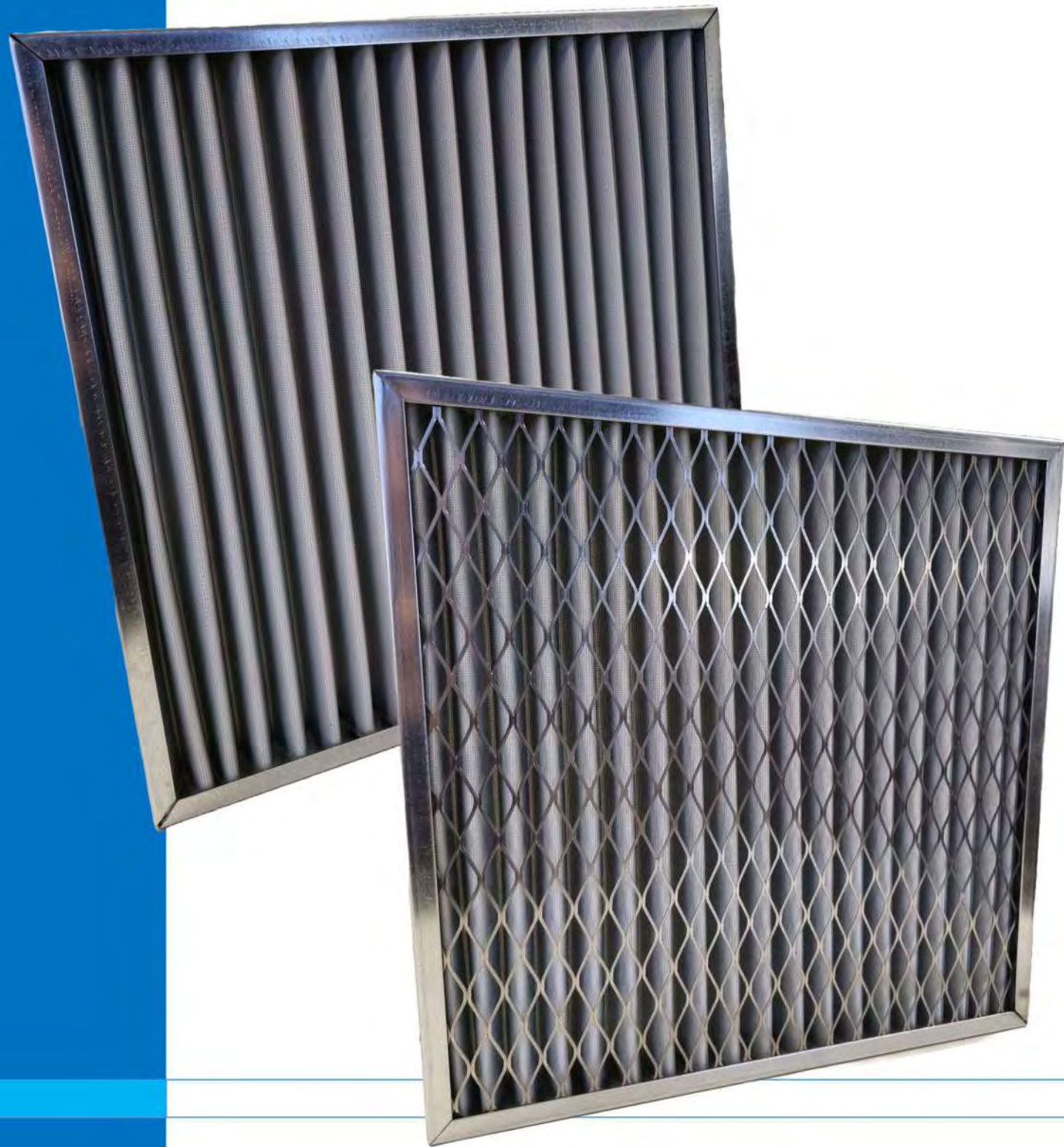
FLOW RATE CFM	VELOCITY FPM	dP (mm H2O)	PRESSURE DROP ("H2O)	% OF RATED AIR FLOW	DUST FED	PRESSURE DROP
0	0	0.00	0.000	0%	0.00	0.457
492	123	2.17	0.085	25%	28.50	0.496
984	246	5.05	0.199	50%	138.50	0.717
1476	369	8.13	0.320	75%	207.00	0.978
1968	492	11.60	0.457	100%	248.50	1.239
2460	615	15.80	0.622	125%	265.00	1.50

DIMENSIONS - STANDARD SIZED TYPE KK6 FILTERS

1" GALVANIZED TYPE KK6 AIR FILTER				2" GALVANIZED TYPE KK6 AIR FILTER			
STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	NOMINAL SIZE ⁽²⁾	ACTUAL SIZE (IN.)	STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	NOMINAL SIZE ⁽²⁾	ACTUAL SIZE (IN.)
902517	KK6GG1-1224	12 X 24 X 1	11.50 x 23.50 x 0.875	902883	KK6GG2-1224	12 X 24 X 2	11.50 x 23.50 x 1.875
901307	KK6GG1-1620	16 X 20 X 1	15.50 x 19.50 x 0.875	901302	KK6GG2-1620	16 X 20 X 2	15.50 x 19.50 x 1.875
901308	KK6GG1-1625	15 X 25 X 1	15.50 x 24.50 x 0.875	901303	KK6GG2-1625	15 X 25 X 2	15.50 x 24.50 x 1.875
901309	KK6GG1-2020	20 X 20 X 1	19.50 x 19.50 x 0.875	901304	KK6GG2-2020	20 X 20 X 2	19.50 x 19.50 x 1.875
901310	KK6GG1-2025	20 X 25 X 1	19.50 x 24.50 x 0.875	901304	KK6GG2-2025	20 X 25 X 2	19.50 x 24.50 x 1.875
901311	KK6GG1-2424	24 X 24 X 1	23.375 x 23.375 x 0.875	901306	KK6GG2-2424	24 X 24 X 2	23.375 x 23.375 x 1.875

(1) To order aluminum, use the prefix "KK6AA2". To order stainless steel, use the prefix "KK6SS2"
(2) Use KK6GG2-50 and state actual dimension when special sizes are required

PLEATED DRY TYPE AIR FILTERS
PERMANENT • PLEATED • DRY TYPE • NON-WOVEN MEDIA



TYPE DDF

FOR INDUSTRIAL HVAC AND AIR MOVING SYSTEMS

PERMANENT • DRY TYPE • NON-WOVEN MEDIA

AIRSAN TYPE DDF ARE MERV 11 WASHABLE AIR FILTERS USE IN VARIOUS INDUSTRIAL SETTINGS TO IMPROVE INDOOR AIR QUALITY BY CAPTURING AIRBORNE PARTICALS. SOME COMMON APPLICATIONS ARE HVAC SYSTEMS, MANUFACTURING FACILITIES, CLEAN ROOMS, LABORATORIES, DATA CENTERS, AND COMMERCIAL BUI.DIINGS.

OVERALL, THE TYPE DDF AIR FILTERS PLAY A VITAL ROLE IN VARIOUS INDUSTRIAL AND COMMERCIAL APPLICATIONS WHERE CLEAN AIR IS ESSENTIAL FOR HEALTH, SAFETY, PRODUCTIVITY AND PRODUCT QUALITY.

AIRSAN OFFERS TYPE DDF FILTERS IN STANDARD AND CUSTOM RECTANGULAR SIZES, AND AVAILABLE IN GALVANZIED STEEL, ALUMINUM OR STAINLESS STEEL.

IF YOU REQUIRE A TYPE DDF, BUT IN A CYLIDRICAL SHAPE, PLEASE SEE OUT TYPE CF PAGE.

PERFORMANCE DATA - DDFGG2-2424 (Full test results available upon request)

FLOW RATE CFM	VELOCITY FPM	dP (mm H2O)	PRESSURE DROP ("H2O)	% OF RATED AIR FLOW	DUST FED	PRESSURE DROP
0	0	0.00	0.000	0%	0.00	1.142
295	74	6.10	0.240	25%	4.10	1.181
590	148	13.48	0.531	50%	12.00	1.431
885	221	20.98	0.826	75%	18.70	1.721
1180	295	29.00	1.142	100%	22.90	2.011
1475	369	38.30	1.508	125%	26.60	2.300

DIMENSIONS - STANDARD SIZED TYPE DDF FILTERS

2" GALVANIZED TYPE DDF AIR FILTER			
STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	NOMINAL SIZE ⁽²⁾	ACTUAL SIZE (IN.)
904724	DDFGG2-1224	12 X 24 X 2	11.50 x 23.50 x 1.875
904723	DDFGG2-1620	16 X 20 X 2	15.50 x 19.50 x 1.875
904722	DDFGG2-1625	15 X 25 X 2	15.50 x 24.50 x 1.875
904721	DDFGG2-2020	20 X 20 X 2	19.50 x 19.50 x 1.875
904720	DDFGG2-2025	20 X 25 X 2	19.50 x 24.50 x 1.875
904719	DDFGG2-2424	24 X 24 X 2	23.375 x 23.375 x 1.875

⁽¹⁾ To order aluminum, use the prefix "DDFAA2". To order stainless steel, use the prefix "DDFSS2"
⁽²⁾ Use DDFGG2-50 and state actual dimension when special sizes are required



TYPE PP

PAPER PANEL AIR FILTERS

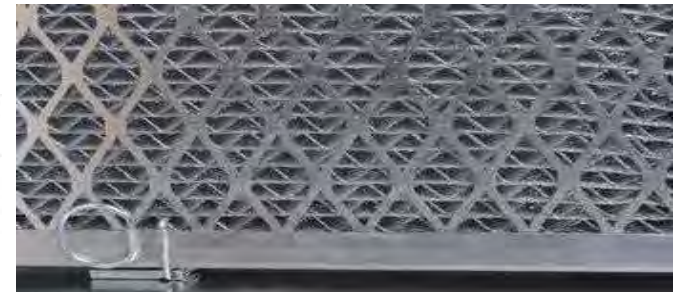
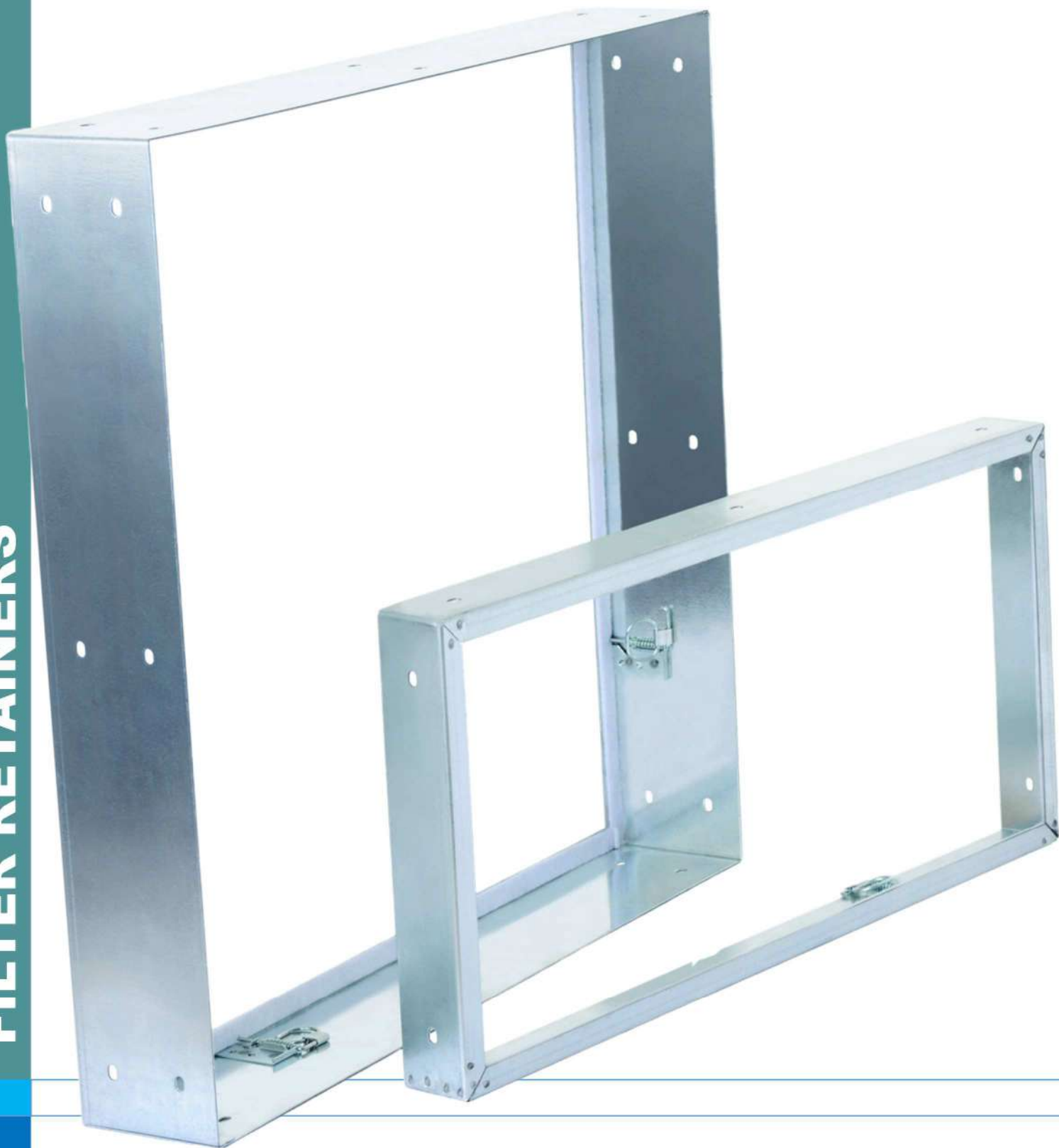
FOR HIGH FILTRATION, MEDIUM VELOCITY AND AN EMPAHASIS ON DURABILITY

AIRSAN TYPE PP FILTERS ARE MEDIUM DUTY MERV 7 AIR FILTERS DESINGED FOR ENGINES, COMPRESSORS, AND A VARIETY OF OTHER INDUSTRIAL APPLICATIONS WITH HIGHER PARTICULATE FILTRATION NEEDS, SUCH AS LOCOMOTIVE AND MARITIME VESSELS.

BUILT TO LAST WITH A DURABLE 18-GAUGE FRAME AND HEAVY DUTY PAPER MEDIA, THE TYPE PP FILTER IS AVAILABLE IN A WIDE VARIETY OF STANDARD SIZES. AIRSAN CAN ALSO CUSTOM DESIGN FILTERS TO MEET YOUR OWN UNIQUE SPECIFICATIONS AND REQUIREMENTS.

PERFORMANCE DATA - PPGG2-2424 (Full test results available upon request)

FLOW RATE CFM	VELOCITY FPM	dP (mm H2O)	PRESSURE DROP ("H2O)	% OF RATED AIR FLOW	DUST FED	PRESSURE DROP
0	0	0.00	0.000	0%	0.00	0.194
492	123	0.73	0.029	25%	22.80	0.233
984	246	1.77	0.070	50%	62.80	0.520
1476	369	3.14	0.124	75%	78.80	0.847
1968	492	4.92	0.194	100%	90.90	1.174
2460	615	7.20	0.283	125%	99.50	1.50

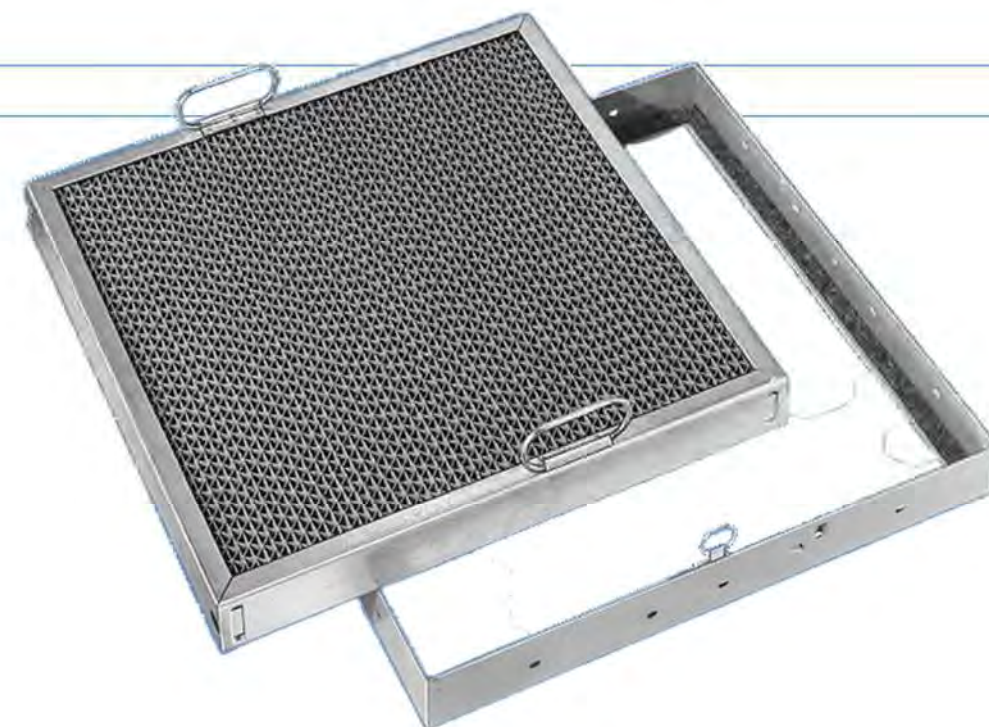


TYPE AH

HEAVY GAUGE • FLAT OR V BANK • FELT GASKETING
FOR SECURING FULL-FRAMED FILTERS

AIRSAN TYPE AH FILTER RETAINERS ARE DESIGNED SPECIFICALLY FOR FLAT OR "V" BANK ARRANGEMENTS. THEY CAN BE EASILY BUILT UP TO ANY HEIGHT OR WIDTH BY THE PROGRESSIVE ADDITION OF RETAINERS. THE STANDARD AH RETAINER IS MADE OF DURABLE 18-GAUGE GALVANIZED STEEL, AND SPOT WELDED CORNER GUSSETS ENSURE STRENGTH TO MEET HEAVY-DUTY REQUIREMENTS. GASKETS AROUND THE INSIDE PERIMETER PREVENT THE BYPASS OF UNFILTERED AIR, WHILE TWO POSITIVE RETAINING CLIPS SECURE THE FILTER IN POSITION. STANDARD RETAINERS COME IN EITHER A 2" OR 4" NOMINAL THICKNESS, AND THE 2" CAN BE ADAPTED TO HOLD A 1" THICK FILTER IF A Z-111S CLIP IS SPECIFIED.

ALL OF OUR RETAINERS ARE ALSO AVAILABLE IN STAINLESS STEEL OR ALUMINUM. AIRSAN TYPE AHS STAINLESS STEEL RETAINERS CONSTRUCTED OF RUGGED 20-GAUGE, TYPE 304 STAINLESS STEEL ARE AVAILABLE IN STANDARD 2" SIZES.



TYPE AH FILTER RETAINERS

AH2 FOR RETAINING 1" OR 2" FILTERS

STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	ACTUAL SIZE (IN.)
902812	AHG2-1224	12 X 24 X 1.875
902813	AHG2-1620	16 X 20 X 1.875
902814	AHG2-1625	15 X 25 X 1.875
902815	AHG2-2020	20 X 20 X 1.875
902816	AHG2-2025	20 X 25 X 1.875
902817	AHG2-2424	24 X 24 X 1.875

AH4 FOR RETAINING 4" AND BELOW

STOCK NO.	CATALOG DESCRIPTION ⁽¹⁾	ACTUAL SIZE (IN.)
903173	AHG2-1224	12 X 24 X 3.75
903172	AHG2-1620	16 X 20 X 3.75
903171	AHG2-1625	15 X 25 X 3.75
903170	AHG2-2020	20 X 20 X 3.75
903169	AHG2-2025	20 X 25 X 3.75
903168	AHG2-2424	24 X 24 X 3.75

DIMENSION TOLERANCE: - 0/+ 0.0625



TYPE DM

SOLID FRAMES FOR INTERCHANGABLE MEDIA

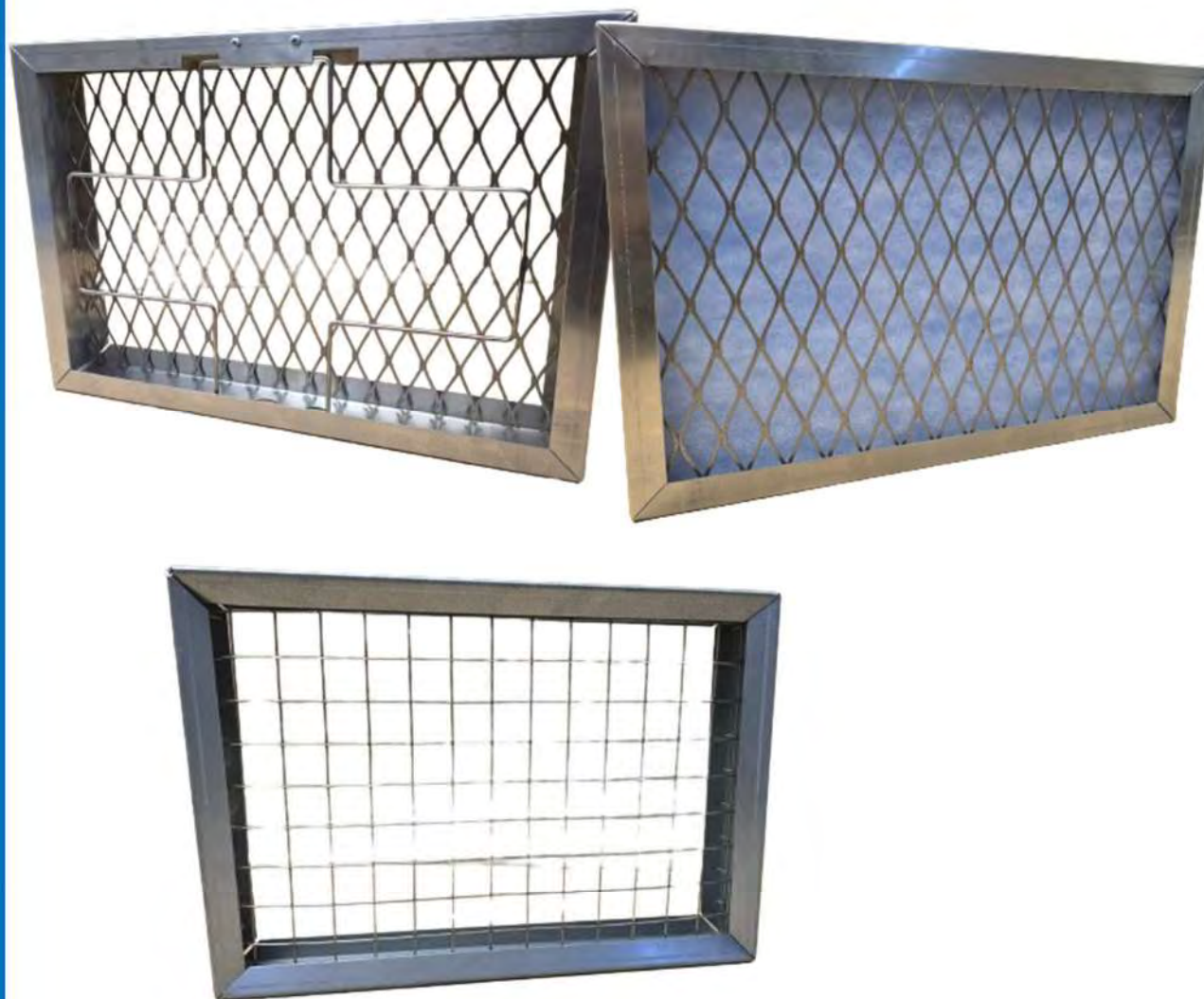
AIRSAN TYPE DM SERIES OF DISPOSABLE MEDIA FRAMES IS DESIGNED TO MEET THE NEED FOR A COST-EFFECTIVE FRAME WITHOUT SACRIFICING DURABILITY. THE FRAME ITSELF IS 18-GAUGE GALVANIZED STEEL WHILE THE DISCHARGE SIDE IS 18-GAUGE GALVANIZED EXPANDED METAL FOR LOW PRESSURE DROP. THE 11-GAUGE STEEL RETAINING RING IS HINGED FOR EASY ACCESS TO FILTER PADS. PRECISION FITMENT OF THE FACE PANELS ENSURE THERE ARE NO EXPOSED ENDS, AN OFTEN OVERLOOKED SAFETY FEATURE.

1" GALVANIZED TYPE DM MEDIA RETAINER

STOCK NO.	CATALOG DESCRIPTION	NOMINAL SIZE	ACTUAL SIZE
902826	DMGG1-1224	12X24X1	11½ X 23¾ X ¾
902627	DMGG1-1620	16X20X1	15½ X 19½ X ¾
902628	DMGG1-1625	16X25X1	15½ X 24½ X ¾
902629	DMGG1-2020	20X20X1	19½ X 19½ X ¾
902630	DMGG1-2025	20X25X1	19½ X 24½ X ¾
902631	DMGG1-2424	24X24X1	23¾ X 23¾ X ¾

2" GALVANIZED TYPE DM MEDIA RETAINER

STOCK NO.	CATALOG DESCRIPTION	NOMINAL SIZE	ACTUAL SIZE
902827	DMGG2-1224	12X24X2	11½ X 23¾ X 1½
902639	DMGG2-1620	16X20X2	15½ X 19½ X 1½
902640	DMGG2-1625	16X25X2	15½ X 24½ X 1½
902641	DMGG2-2020	20X20X2	19½ X 19½ X 1½
902642	DMGG2-2025	20X25X2	19½ X 24½ X 1½
902643	DMGG2-2424	24X24X2	23¾ X 23¾ X 1½



TYPE DMN NAVY

FILTER HOLDING FRAMES

AIRSAN TYPE DMN NAVY SERIES OF DISPOSABLE MEDIA FRAMES IS DESIGNED TO NAVSEA DRAWING 7613209. THEY COME IN TWO STYLES. THE "PINCH TYPE" OR THE "DOOR RETAINER TYPE". BOTH TYPES COME IN BOTH HEAVY DUTY (HD) OR LIGHT DUTY (LD) VERSIONS. THEY COME IN THE SAME DIMENSIONS OF THE NAVY STANDARD AIR FILTERS AND CAN BE USED IN ALL THE SAME APPLICATIONS. ONLY THE PAD IS DISPOSED OF AT THE END OF THE FILTER LIFE.

THE POLYESTER FILTER PADS HAVE AN AVERAGE ARRESTANCE OF 85% AND ARE A NOMINAL 2" THICK. DISPOSABLE PADS HAVE A MAX OPERATING TEMPERATURE OF 200° AND ARE UL 900 CLASSIFIED.

PADS ARE SOLD SEPERATELY FROM THE FRAMES.

SIZE DESIGNATION	ACTUAL SIZE	STEEL CLASS 1		MATERIAL ALUMINUM CLASS 2		STAINLESS STEEL (CRES) CLASS 3		CORRESPONDING FILTER PAD P/N
		LOW DUTY (LD) P/N	HEAVY DUTY (HD) P/N	LOW DUTY (LD) P/N	HEAVY DUTY (HD) P/N	LOW DUTY (LD) P/N	HEAVY DUTY (HD) P/N	
10AF	7.25_X_7.25_X_2.0625	907789	907110	907370	907803	907796	907050	907117
11AF	8.00_X_12.50_X_2.0625	907790	907111	907371	907804	907797	907051	907118
12AF	10.00_X_14.50_X_2.0625	907791	907112	907372	907805	907798	907052	907119
13AF	10.00_X_22.00_X_2.0625	907792	907113	907373	907806	907799	907053	907120
14AF	15.50_X_24.50_X_2.0625	907793	907114	907374	907807	907800	907054	907121
15AF	19.50_X_19.50_X_2.0625	907794	907115	907375	907808	907801	907055	907122
16AF	19.50_X_29.50_X_2.0625	907795	907116	907376	907809	907802	907056	907123

The filter holding frames shall be of one of the following two types:

Classes 1 & 3: Pinch type filter holding frame which utilizes a spring tensioned metal retaining screen to hold the filter pad between the screen and filter frame edge.

Class 2: Frame with "door" to hold filter pad in place.

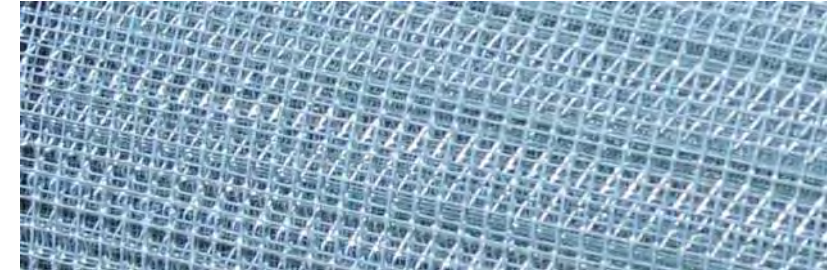
TYPE C

VISCOUS IMPINGEMENT – DEMISTING – HIGHLY ADAPTABLE

FOR HEATING, COOLING, VENTILATION AND DEMISTING

AIRSAN TYPE C FILTERS ARE DESIGNED FOR ENGINES, AIR COMPRESSORS, BLOWERS AND LARGE-SCALE INDUSTRIAL GENERATORS. THE OIL-WETTED, MULTI-CRIMP ELEMENTS ARE OPTIMIZED FOR MAXIMUM AIRFLOW AND TO MAINTAIN A MINIMAL PRESSURE DROP. TYPE C ELEMENTS ARE ALSO AVAILABLE WITHOUT OIL WETTING, OFFERING AN EFFECTIVE OPTION FOR OIL-MIST CONTROL OR MOISTURE ELIMINATION.

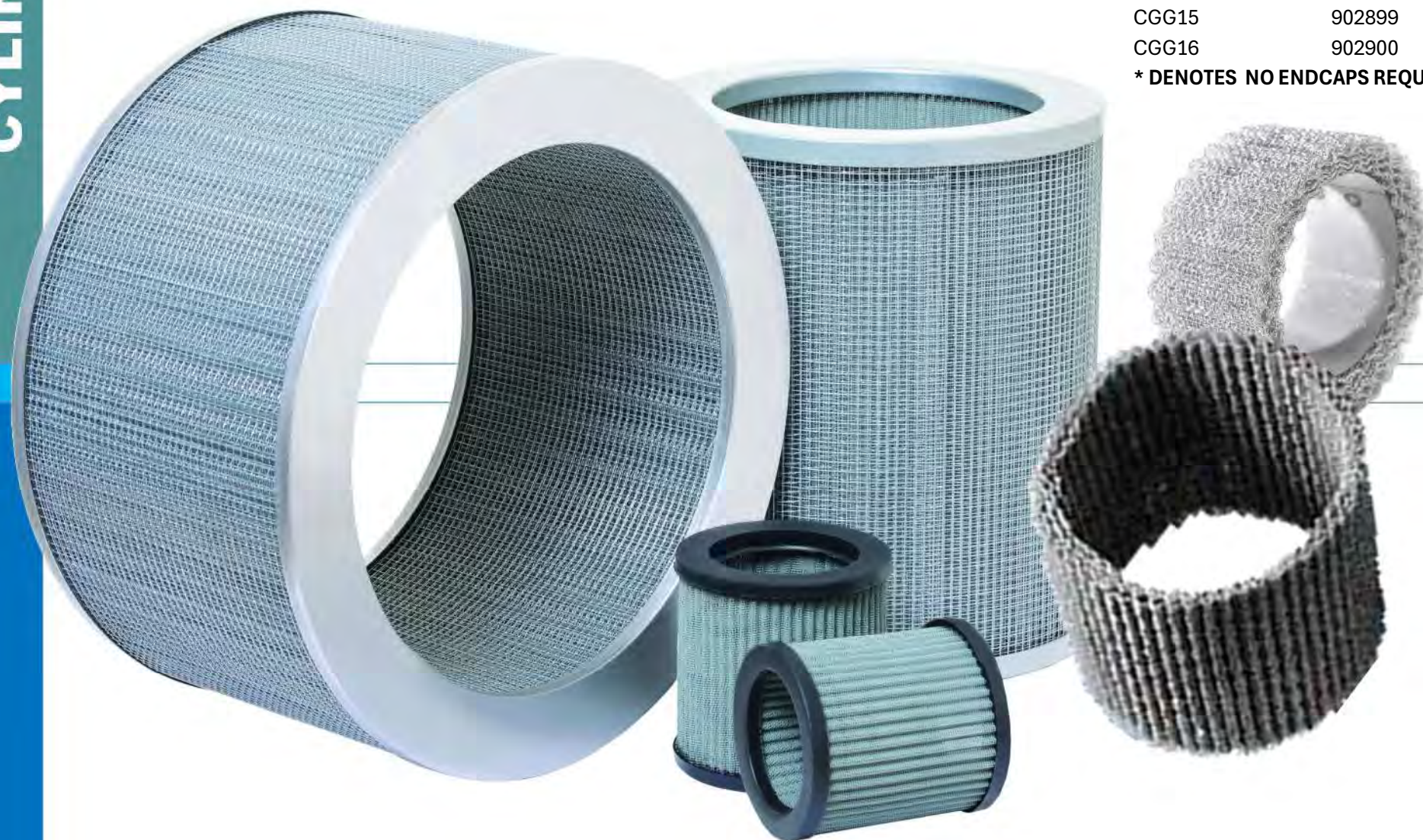
AIRSAN
CLEAN AIR FOR BETTER LIVING



AIRSAN TYPE C REPLACEMENT FILTERS

CATALOG DESCRIPTION	FILTER ELEMENT PART NUMBER	ELEMENT DIMENSIONS (INCHES)			CAPACITY CFM	WEIGHT LBS.
		O.D.	I.D.	HEIGHT		
CG02*	901513	3.500	2.500	3.500	75	½
CG03*	901535	4.000	3.000	4.000	95	½
CG04*	901532	4.500	3.500	4.500	125	1½
CG05*	901534	5.250	4.500	5.250	175	2
CG06*	901517	6.000	5.000	6.000	225	3
CG07*	901518	7.000	6.000	7.000	300	5
CG08*	901519	8.000	7.000	8.000	450	5
CG09	902888	8.125	4.813	8.125	400	6
CGG10	902887	10.125	6.813	10.125	700	7
CGG11	902886	12.125	8.813	12.125	1000	12
CGG12	902896	14.125	8.813	14.125	1350	17
CGG13	902897	18.125	12.938	18.125	2250	35
CGG14	902898	22.125	16.938	22.125	3250	42
CGG15	902899	22.125	16.813	28.125	4000	53
CGG16	902900	30.125	25.750	30.125	6000	77

* DENOTES NO ENDCAPS REQUIRED



TYPE C
TYPE CH
TYPE CF

TYPE CH

FOR ENGINES, AIR COMPRESSORS AND BLOWERS

AIRSAN TYPE CH FILTER IS DESIGNED SPECIFICALLY FOR AIR INTAKES ON COMPRESSORS, BLOWERS AND ENGINES, WITH THREADED FILTER HOUSINGS TO ENABLE DIRECT MOUNTING TO EQUIPMENT. THE CH INTAKE FILTER USES AIRSAN TYPE C FILTER ELEMENTS CONSISTING OF MULTIPLE LAYERS OF CRIMPED GALVANIZED SCREEN CLOTH, CREATING A LARGE SURFACE TO STOP DUST AND DIRT. TO MAINTAIN THE HIGHEST LEVEL OF PERFORMANCE, FILTER ELEMENTS MUST BE RECHARGED WITH ADHESIVE AFTER CLEANING.

AIRSAN CH INTAKE FILTER ASSEMBLIES

CATALOG DESCRIPTION COMPLETE WITH ELEMENT	CH FILTER PART NUMBER	MAXIMUM CFM CAPACITY	CH HOUSING DIMENSIONS		PIPE SIZE INCHES	TYPE C FILTER ELEMENT	TYPE C FILTER ELEMENT DIMENSIONS			APPROX. SHIPPING WEIGHT POUNDS
			O.D.	HEIGHT			O.D.	I.D.	HEIGHT	
CHGG2/0.75	902581	75	3.56	5.12	¾	CG02	3.50	2.50	3.50	1.00
CHGG2/1.00	902582	75	3.56	5.25	1	CG02	3.50	2.50	3.50	1.50
CHGG2/1.25	902598	75	3.56	5.25	1¼	CG02	3.50	2.50	3.50	1.50
CHGG2/1.50	902644	75	3.56	5.25	1½	CG02	3.50	2.50	3.50	1.50
CHGG3/1.25	902645	95	4.06	5.75	1¼	CG03	4.00	3.00	4.00	2.00
CHGG3/1.50	902583	95	4.06	5.75	1½	CG03	4.00	3.00	4.00	2.00
CHGG3/2.00	902599	95	4.06	6.25	2	CG03	4.00	3.00	4.00	2.50
CHGG4/1.50	902646	125	4.56	5.75	1½	CG04	4.50	3.50	4.50	2.50
CHGG4/2.00	902584	125	4.56	6.75	2	CG04	4.50	3.50	4.50	2.50
CHGG4/2.50	902585	125	4.56	7.25	2½	CG04	4.50	3.50	4.50	3.00
CHGG5/1.50	902586	175	5.31	7.00	1½	CG05	5.25	4.25	5.25	3.00
CHGG5/2.00	902600	175	5.31	7.50	2	CG05	5.25	4.25	5.25	3.00
CHGG5/2.50	902587	175	5.31	8.00	2½	CG05	5.25	4.25	5.25	3.50
CHGG5/3.00	902588	175	5.31	8.25	3	CG05	5.25	4.25	5.25	3.50
CHGG6/2.00	902647	225	6.06	8.25	2	CG06	6.00	5.00	6.00	4.00
CHGG6/2.50	902648	225	6.06	8.75	2½	CG06	6.00	5.00	6.00	4.00
CHGG6/3.00	902649	225	6.06	9.00	3	CG06	6.00	5.00	6.00	4.50
CHGG7/2.50	902650	300	7.06	9.75	2½	CG07	7.00	6.00	7.00	4.50
CHGG7/3.00	902651	300	7.06	10.00	3	CG07	7.00	6.00	7.00	4.50
CHGG8/S.50	902652	450	8.06	10.75	2½	CG08	8.00	7.00	8.00	5.00
CHGG8/3.00	902589	450	8.06	11.00	3	CG08	8.00	7.00	8.00	5.50
CHGG8/3.50	902653	450	8.06	11.00	3½	CG08	8.00	7.00	8.00	5.50
CHGG8/4.00	902654	450	8.06	11.00	4	CG08	8.00	7.00	8.00	5.50



TYPE CF

FOR GENERATORS, AIR COMPRESSORS AND BLOWERS

THE AIRSAN TYPE CF FILTER IS A HIGHLY EFFICIENT DRY PLEAT FILTER ELEMENT BUILT TO WITHSTAND HARSH INDUSTRIAL ENVIRONMENTS WITH HIGH PARTICULATE LEVELS. TYPE CF ELEMENTS ARE 98% EFFICIENT ON 3 MICRON PARTICLES AND 100% ON 10 MICRON PARTICLES WHILE PRESSURE DROP IS HELD TO A MINIMUM. THE NON-WOVEN MEDIA PROVIDES EASY CLEANING, REQUIRES NO ADHESIVES AND FUNCTIONS EFFECTIVELY AT TEMPERATURES UP TO 300 F (148.9 CELSIUS). FOR HEAVY DUTY NVIRONMENTS OR TO EXTEND SERVICE INTERVALS, POLYESTER PRE-WRAPPS ARE AVAILABLE FOR ALL TYPE CF SIZES.

AIRSAN TYPE CF REPLACEMENT FILTER ELEMENTS

CATALOG DESCRIPTION	FILTER ELEMENT PART NUMBER	ELEMENT DIMENSIONS (INCHES)			CFM CAPACITY	FILTER AREA SQ. FEET	WEIGHT LBS.
		O.D.	I.D.	HEIGHT			
CF08	901620	8	4	8	185	5.30	4.00
CF08A	901621	8	4	12	280	8.00	6.00
CF10	901622	10	6	15	420	12.50	8.00
CF12	901623	12	8	18	580	16.50	10.00
CF14	901624	14	10	21	800	22.50	15.00
CF18	901625	18	10	18	1085	31.00	20.00
CF18A	901626	18	10	27	1630	46.50	22.00
CF22	901627	22	14	22	1890	54.00	25.00
CF22A	901628	22	14	33	2835	81.00	45.00
CF24	901629	24	16	36	3500	100.00	50.00

AIRSAN

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FILM COR

ALL PERMANENT METAL AIR FILTERS, REGARDLESS OF MANUFACTURER, MUST HAVE AN ADHESIVE APPLIED AFTER CLEANING. AIRSAN FILM-COR RECHARGING ADHESIVE IS NEARLY ODORLESS, HAS A HIGH FLASH POINT AND RAPID WETTING CHARACTERISTICS. A DYE TRACER IN THE ADHESIVE ALLOWS VISIBILITY OF COVERAGE.



BAIL HANDLES

BAIL HANDLES ARE SUPPLIED (AT CUSTOMER'S REQUEST) TO AID IN THE REMOVAL OF FILTERS FROM HOUSINGS. BAIL HANDLES MAY BE ORDERED WITH THE FILTER BY ADDING A "B" TO THE CATALOG DESCRIPTION SUFFIX. EXAMPLES: WGG2-2020B, AFGG2-2020B. BAIL HANDLES MAY ALSO BE ORDERED SEPARATELY AND ARE SOLD IN PAIRS.



SPRING CLIPS

AIRSAN SPRING CLIPS PROVIDE A POSITIVE FILTER RETAINMENT IN MANY TYPES OF FILTER HOUSINGS. SPRING CLIPS ARE AVAILABLE IN GALVANIZED STEEL AND STAINLESS STEEL MATERIAL. BOTH 1" AND 2" CLIPS ARE AVAILABLE



CLEANING INSTRUCTIONS

DIRECTIONS:

REMOVE DIRTY ELEMENTS FROM EQUIPMENT. IF MACHINERY CANNOT BE SHUTDOWN DURING CLEANING, IMMEDIATELY REPLACE WITH A BACK-UP FILTER. SOAK THE ELEMENTS IN ANY MILD INDUSTRIAL DETERGENT. AFTER SOAKING, BACK WASH THE ELEMENTS WITH WATER FROM THE AIR-LEAVING SIDE OF THE ELEMENT. THIS WILL FLUSH ANY CONTAMINATES TOWARD THE AIR-ENTERING FACE OF THE ELEMENT AND NOT DRIVE THEM FURTHER INTO THE MEDIA. IT IS IMPORTANT TO LET THE CHEMICALS DO THEIR JOB. RINSING WITH HIGH PRESSURE ALONE IS NOT ENOUGH. THE ELEMENTS MEDIA IS VERY DENSELY PACKED; ITS PURPOSE IS TO CHANGE THE DIRECTION AND DIFFUSE THE AIR. AFTER RINSING, LET THE ELEMENTS DRY WHILE STANDING VERTICALLY ON EDGE. THIS WILL ALLOW THEM TO DRY COMPLETELY WITHOUT HAVING MOISTURE DRIP ONTO THE ELEMENTS BELOW. ONCE THEY DRY, ELEMENTS CAN BE STORED HORIZONTALLY ON TOP OF EACH OTHER.

FOR OILED FILTERS ONLY:

AFTER THEY ARE COMPLETELY DRY, APPLY FILM-COR ADHESIVE TO BOTH SIDES OF THE METAL FILTER. RED DYE TRACER HAS BEEN ADDED TO VISUALLY CHECK ADHESIVE FOR FULL COVERAGE.