AIR FILTER SUPPLIES

AIR FILTER CATALOGUE

5th Edition



Electrical Products

Air Conditioning Products

Building Service Products

Plumbing Products

Hardware Products

HVAC Products

ARROW SALES

Arrow Sales Pty Ltd is a proudly Australian, family-owned and operated company that has been supplying quality products to the building, HVAC, plumbing, electrical and trade industries since 2000.

With decades of industry experience, we specialise in sourcing, manufacturing, importing, wholesaling and distributing an extensive range of products to customers throughout Australia. Our commitment is to provide reliable products, competitive pricing and exceptional customer service.

Our motto, **"Offering Trade Solutions"** and **"Connecting the Trade"**, reflects our dedication to helping businesses and tradespeople find the right products when they need them most. We understand that time is critical, which is why we strive to deliver orders quickly and efficiently, whether to your business, job site or home, helping keep your projects on schedule.

Backed by knowledgeable staff, trusted brands, an extensive product range and our commitment to value, **Arrow Sales** has built a reputation as a dependable supply partner for Australian trades and DIY customers alike.

Tradestore.com.au is the official online store of **Arrow Sales Pty Ltd**, offering customers a convenient way to browse and purchase our extensive product range with the same trusted service and support that **Arrow Sales** has delivered for over 25 years.

Kind Regards,

Dale Richardson
Managing Director



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G4/F4 CARDBOARD FILTERS



25mm (1") Cardboard Filters	Width Imp.	Height Imp.	Width mm	Height mm	Thick mm	Code	Qty Pkt
	12	24	295	595	25	G4122425	12
	14	20	349	495	25	G4142025	12
	14	25	349	629	25	G4142525	12
	16	20	395	495	25	G4162025	12
	16	25	395	629	25	G4162525	12
	18	24	451	595	25	G4182425	12
	18	25	457	635	25	G4182525	12
	20	20	495	495	25	G4202025	12
	20	24	495	595	25	G4202425	12
	20	25	495	629	25	G4202525	12
	24	24	595	595	25	G4242425	12





50mm (2") Cardboard Filters	Width Imp.	Height Imp.	Width mm	Height mm	Thick mm	Code	Qty Pkt
	10	20	254	495	50	G42544955	12
	12	12	295	295	50	G42952955	12
	12	14	295	349	50	G42953555	12
	12	16	295	395	50	G42953955	12
	12	20	295	495	50	G42954955	12
	12	24	295	595	50	G42955955	12
	13	14	320	349	50	G43203495	12
	14	15	349	375	50	G43493805	12
	14	17	349	430	50	G43494305	12
	14	20	349	495	50	G43494955	12
	14	24	349	595	50	G43495955	12
	14	25	349	629	50	G43496295	12
	15	20	375	495	50	G43754955	12
	16	16	395	395	50	G43953955	12
	16	18	395	460	50	G43954605	12
	16	20	395	495	50	G43954955	12
	16	24	395	595	50	G43955955	12
	16	25	395	629	50	G43956295	12
	18	20	451	495	50	G44514955	12
	18	24	451	595	50	G44515955	12
	18	25	451	629	50	G44516295	12
	20	20	495	495	50	G44954955	12
	20	24	495	595	50	G45954955	12
	20	25	495	629	50	G44956295	12
	20	30	495	762	50	G44957625	12
	24	24	595	595	50	G45955955	12
	25	25	629	629	50	G46296295	12
	25	30	629	762	50	G46297625	12

G4/F4 CARDBOARD FILTERS



100mm (4") Cardboard Filters	Width Imp.	Height Imp.	Width mm	Height mm	Thick mm	Code	Qty Pkt
	12	24	295	595	100	G4122495	6
	16	16	395	395	100	G4161695	6
	16	20	395	495	100	G4162095	6
	16	24	395	595	100	G4162495	6
	16	25	395	629	100	G4162595	6
	18	24	451	595	100	G4182495	6
	20	20	495	495	100	G4202095	6
	20	24	495	595	100	G4202495	6
	20	25	495	629	100	G4202595	6
	24	24	595	595	100	G4242495	6
	25	29	629	735	100	G4252995	6
	28	30	711	762	100	G4283095	6

G4/F4 HIGH EFFICIENCY CARDBOARD FILTERS



High Efficiency Cardboard Filter	Width Imp.	Height Imp.	Width mm	Height mm	Efficiency En779	Code	Qty Pkt
	24	24	594	594	F5	G5595595	12
	12	24	290	594	F5	G5295595	12
	24	24	594	594	F6	G6595595	12
	12	24	290	594	F6	G6295595	12
	24	24	594	594	F8	G8595595	12
	12	24	290	594	F8	G8295595	12
	24	24	594	594	F9	G9595595	12



CARBON FILTER	Width Imp.	Height Imp.	Width mm	Height mm	Thick mm	Code	Qty Pkt
	24	24	595	595	50	G4C595595	12

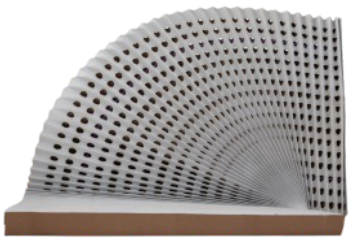
G4/F4 HIGH EFFICIENCY CARDBOARD FILTERS

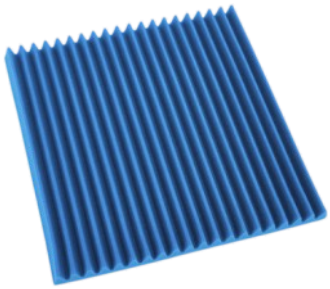
G4 Cardboard Filters	Perimeter Size		Thick mm	Code	Qty Pkt
	0	800	10	FILTER800	1
	800	1800	10	FILTER1800	1
	1800	2400	10	FILTER2400	1
	2400	3440	10	FILTER3440	1

N75 HIGH EFFICIENCY PANEL FILTER	Width mm	Height mm	Thick mm	Code	Qty Pkt
	0	800	10	FILTER75N800	1
	800	1800	10	FILTER75N1800	1
	1800	2400	10	FILTER75N2400	1
	2400	3440	10	FILTER75N3440	1

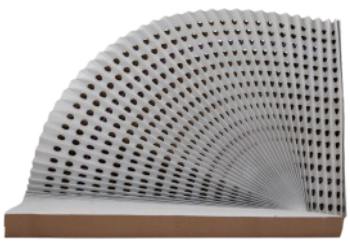
N95 HIGH EFFICIENCY PANEL FILTER	Width mm	Height mm	Thick mm	Code	Qty Pkt
	0	800	10	FILTER95N800	1
	800	1800	10	FILTER95N1800	1
	1800	2400	10	FILTER95N2400	1
	2400	3440	10	FILTER95N3440	1

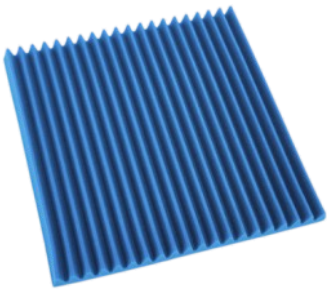
G4/F4 DISPOSABLE SERVICE PLEATS





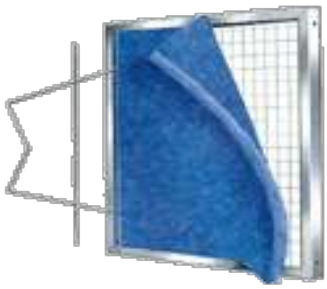
50mm (2") Disposable Pleats	Width Imp.	Height Imp.	Width mm	Height mm	Thick mm	Code	Qty Pkt
	12	20	295	495	50	DSP295495	30
	12	24	295	595	50	DSP295595	30
	16	16	395	395	50	DSP395395	30
	16	20	395	495	50	DSP395495	30
	16	24	395	595	50	DSP395595	30
	16	25	395	629	50	DSP395629	30
	16	30	395	750	50	DSP395750	30
	20	12	495	295	50	DSP495295	30
	20	14.5	495	368	50	DSP495368	30
	20	16	495	395	50	DSP495395	30
	20	20	495	495	50	DSP495495	30
	20	24	495	595	50	DSP495595	30
	20	25	495	629	50	DSP495629	30
	20	30	495	750	50	DSP495750	30
	24	12	595	295	50	DSP595295	30
	24	16	595	395	50	DSP595395	30
	24	18	595	444	50	DSP595444	30
	24	20	595	495	50	DSP595495	30
	24	24	595	595	50	DSP595595	30
	24	30	595	750	50	DSP595750	30
	25	12	629	295	50	DSP629295	30
	25	16	629	395	50	DPS629395	30
	25	20	629	495	50	DSP629495	30
	25	24	629	595	50	DSP629595	30
	25	30	629	762	50	DSP629762	30





100mm (4") Disposable Pleats	Width Imp.	Height Imp.	Width mm	Height mm	Thick mm	Code	Qty Pkt
	16	20	395	495	100	DSP16204	20
	16	24	395	595	100	DSP16244	20
	16	25	395	629	100	DSP16254	20
	20	12	495	295	100	DSP20124	20
	20	20	495	495	100	DSP20204	20
	20	24	495	595	100	DSP20244	20
	20	25	495	629	100	DSP20254	10
	24	12	595	295	100	DSP24124	10
	24	16	595	395	100	DSP24164	10
	24	24	595	595	100	DSP24244	10
	25	12	629	295	100	DSP25124	10
	25	20	629	495	100	DSP25204	10
	25	24	629	595	100	DSP25244	10
	25	30	629	595	100	DSP25304	10

F4/G4 PRIMARY FILTERS

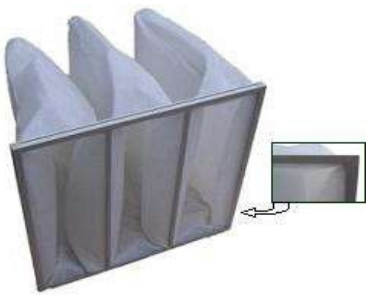


G4 Pad Filters	Width mm	Height mm	Depth mm	Code	Qty Pkt
	300	500	25	P500300	1
	410	455	25	P455410	1
	510	455	25	P510455	1
	510	510	25	P510510	1
	510	590	25	P590510	1
	510	610	25	P610510	1
	595	595	25	P610510	1
	610	610	25	P610610	1



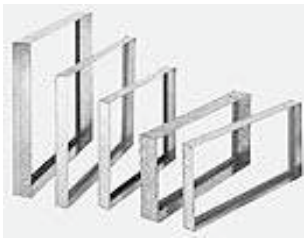
Bulk Media Rolls	Width mm	Height mm	Depth mm	Color	Code	Qty Pkt
	2.1	18	65	White	MEDIAEC1	1
	21	18	20	White	MEDIAF4A	1
	1	10	20	White	MEDIAH12	1
	2.1	10	20	White	MEDIAH12	1
	2.1	10	20	Grey	MEDIAH12	1
	655	8			MEDIAF7	1
	655	8			MEDIAF9	1
	2.1	10	20		MEDIAH22	1
	2.1	10	40		MEDIAH24	1
	1	1			MEDIAMIS	1

Grade: F4 Semi-Washable White



F4 Deep Bed Filters - Incl. Frame	Width mm	Height mm	Depth mm	Code	Qty Pkt
	595	595	570	DBF666	1
	595	295	570	DBF636	1
	595	595	350	DBF663	1
	595	295	350	DBF633	1
Specifications					
Width	**Height**	**Depth**	**Pockets**	**L/S**	
595	595	945	570	945	
595	295	470	570	470	
595	595	945	350	945	
595	295	470	350	470	

All F4 Filters Have A Sturdy Aluminium Frame

Galvanised Mounting Frames - Incl Gasket	Width mm	Height mm	Depth mm	Code	Qty Pkt
	300	600	50	F600300	1
	305	610	50	F305610	1
	610	610	50	F610610	1
	600	600	50	F600600	1
	405	635	50	F405635	1
	508	508	50	F508508	1
	508	610	50	F508610	1
	508	635	50	F508635	1

MEDIUM EFFICIENCY FILTERS

F5 Medium Efficiency Pocket Filter	Width mm	Height mm	Depth mm	Code	Pockets	Qty Pkt
	595	295	560	MF5636	3	1
	595	595	380	MF5663	6	1
	287	595	380	MF5363	3	1
	595	295	380	MF5633	3	1
	595	595	560	MF56661	6	1
	595	595	560	MF5666	8	1

F6 Medium Efficiency Pocket Filter	Width mm	Height mm	Depth mm	Code	Pockets	Qty Pkt
	595	595	380	MF6663	6	1
	287	595	380	MF6363	3	1
	595	295	380	MF6633		1
	595	595	560	MF66661	10	1
	595	595	560	MF6666	8	1
	595	595	570	MF6636		1
	595	595	560	MF6666	8	1

F7 Medium Efficiency Pocket Filter	Width mm	Height mm	Depth mm	Code	Pockets	Qty Pkt
	595	295	380	MF7633	3	1
	595	295	595	MF7636	6	1
	595	595	380	MF7663	6	1
	287	595	380	MF7363	3	1
	595	595	560	MF76661	8	1
	595	595	595	MF7666	8	1

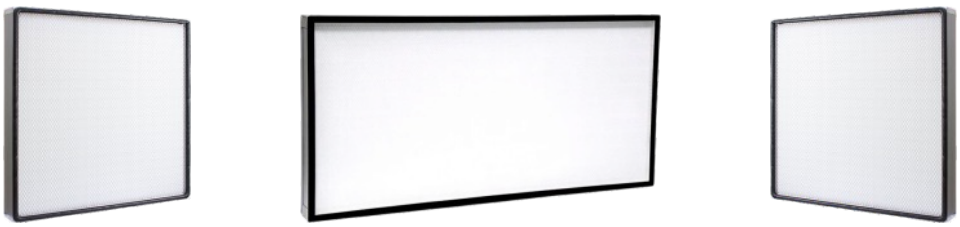
MEDIUM EFFICIENCY FILTERS

F8 Medium Efficiency Pocket Filter	Width mm	Height mm	Depth mm	Code	Pockets	Qty Pkt
	595	595	380	MF8663	6	1
	287	595	380	MF8363	3	1
	595	595	560	MF86661	10	1
	595	595	560	MF8666	8	1

F9 Medium Efficiency Pocket Filter	Width mm	Height mm	Depth mm	Code	Pockets	Qty Pkt
	295	595	560	MF9366	6	1

HEPA FILTERS

Mini-Pleat HEPA Filter							
Width Imp.	Height Imp.	Width mm	Height mm	Depth mm	Efficiency En779	Code	Qty Pkt
12	24	305	610	70	H11	MFHEPAH11-30561070	1
24	24	610	610	70		MFHEPAH11-61061070	1
36	24	915	610	70		MFHEPAH11-91561070	1
48	24	1220	610	70		MFHEPAH11-122061070	1
12	24	305	610	70	H13	MFHEPAH13-30561070	1
24	24	610	610	70		MFHEPAH13-61061070	1
36	24	915	610	70		MFHEPAH13-91561070	1
48	24	1220	610	70		MFHEPAH13-122061070	1
12	24	305	610	70	U15	MFHEPAU15-30561070	1
24	24	610	610	70		MFHEPAU15-61061070	1
36	24	915	610	70		MFHEPAU15-91561070	1
48	24	1220	610	70		MFHEPAU15-122061070	1



High Volume HEPA Filter							
Width Imp.	Height Imp.	Width mm	Height mm	Depth mm	Efficiency En779	Code	Qty Pkt
24	24	610	610	292	MFHEPA4V	MFHEPAH11-610610292	1
24	24	610	610	292	MFHEPA6V	MFHEPAH11-610610292	1
12	24	305	610	292	MFHEPA3V	MFHEPAH11-305610292	1
24	24	610	610	292	MFHEPA4V	MFHEPAH13-610610292	1
24	24	610	610	292	MFHEPA6V	MFHEPAH13-610610292	1
12	24	305	610	292	MFHEPA3V	MFHEPAH13-305610292	1
24	24	610	610	292	MFHEPA4V	MFHEPAH14-610610292	1
24	24	610	610	292	MFHEPA6V	MFHEPAH14-610610292	1
12	24	305	610	292	MFHEPA3V	MFHEPAH14-305310292	1



HVAC FILTERS

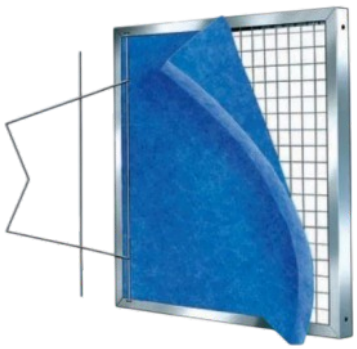
V-Type ASHRAE Filter							
Width Imp.	Height Imp.	Width mm	Height mm	Depth mm	Efficiency En779	Code	Qty Pkt
12	24	305	610	292	F6	MFHVACF63V	1
24	24	610	610	292		MFHVACF64V	1
24	24	610	610	292		MFHVACF65V	1
24	24	610	610	292		MFHVACF66V	1
12	24	305	610	292	F7	MFHVACF73V	1
24	24	610	610	292		MFHVACF74V	1
24	24	610	610	292		MFHVACF75V	1
24	24	610	610	292		MFHVACF76V	1
12	24	305	610	292	F8	MFHVACF83V	1
24	24	610	610	292		MFHVACF84V	1
24	24	610	610	292		MFHVACF85V	1
12	24	305	610	292		MFHVACF86V	1

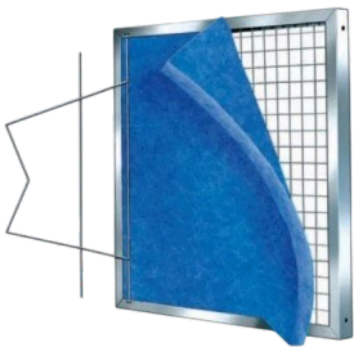
V FORM FILTERS

50mm V-Form Washable F4	Area m2	Code	Qty Pkt
	up to 0.09m^2	VF150xHxW	5
	up to 0.16m^2	VF250xHxW	5
	up to 0.25m^2	VF350xHxW	5
	up to 0.36m^2	VF450xHxW	5
	up to 0.49m^3	VF550xHxW	5
	up to 0.64m^2	VF650xHxW	5
	up to 0.81m^2	VF750xHxW	5
	up to 1.00m^2	VF850xHxW	5
	up to 1.21m^2	VF950xHxW	5
	up to 1.44m^2	VF1050xHxW	5

100mm V-Form Washable F4	Area m2	Code	Qty Pkt
	up to 0.09m^2	VF1100xHxW	5
	up to 0.16m^2	VF2100xHxW	5
	up to 0.25m^2	VF3100xHxW	5
	up to 0.36m^2	VF4100xHxW	5
	up to 0.49m^2	VF5100xHxW	5
	up to 0.64m^2	VF6100xHxW	5
	up to 0.81m^2	VF7100xHxW	5
	up to 1.00m^2	VF8100xHxW	5
	up to 1.21m^2	VF9100xHxW	5
	up to 1.44m^2	VF10100xHxW	5

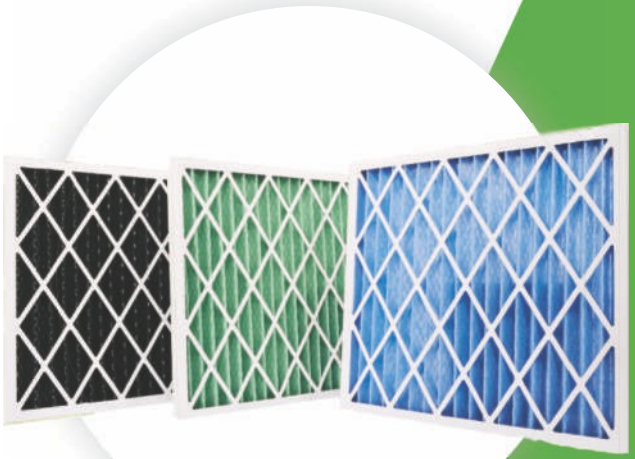
V FORM FILTERS

50mm Flat Panel Filters F4	Area m2	Code	Qty Pkt
	up to 0.09m^2	FP150xHxW	5
	up to 0.16m^2	FP250xHxW	5
	up to 0.25m^2	FP350xHxW	5
	up to 0.36m^2	FP450xHxW	5
	up to 0.49m^2	FP550xHxW	5
	up to 0.64m^2	FP650xHxW	5
	up to 0.81m^2	FP750xHxW	5
	up to 1.00m^2	FP850xHxW	5
	up to 1.21m^2	FP950xHxW	5
	up to 1.44m^2	FP1050xHxW	5

25mm Flat Panel Filters F4	Area m2	Code	Qty Pkt
	up to 0.09m^2	FP125xHxW	5
	up to 0.16m^2	FP225xHxW	5
	up to 0.25m^2	FP325xHxW	5
	up to 0.36m^2	FP425xHxW	5
	up to 0.49m^2	FP525xHxW	5
	up to 0.64m^2	FP625xHxW	5
	up to 0.81m^2	FP725xHxW	5
	up to 1.00m^2	FP825xHxW	5
	up to 1.21m^2	FP925xHxW	5
	up to 1.44m^2	FP1025xHxW	5

BREATHE BETTER
with Air Filter Supplies

G4 CARDBOARD FILTER



ADVANTAGE

These filters are at low cost, easy to install in wide range of application and are high moisture resistant.

APPLICATIONS

These filters can be used as pre-filters for most demanding filtration system and for extension the life of expensive high-efficiency filters. They can be used in residential, commercial and industrial.



DESCRIPTION

These pleated filters use synthetic media and bonded toa wide mesh on the air-exiting side and then enclosed into die-cut cardboard.

There are three kind of thickness, 1" 2" ,4" with 30-35% efficiency rate.

SPECIFICATION

- Series: Pleated series
- Frame: Rigid high wet-strength beverage board
- Media: Synthetic Media (non woven)
- Safety grade: UL900 CLASS 2
- Humidity: ≦95% RH
- Efficiency: G4 (EN 779), MERV8(ASHRAE52.2)
- Recommended final pressure drop: ≦200pa

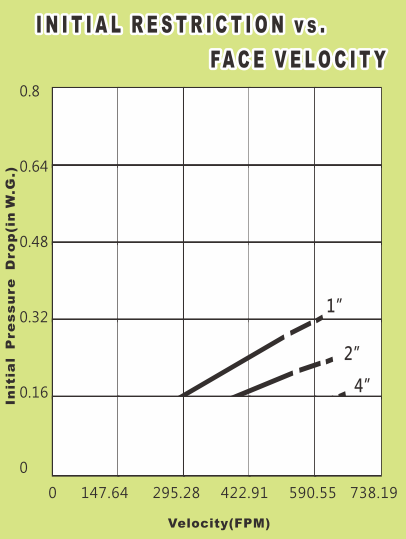
Air Filter Supplies is committed to providing a "one-stop shop" for all of your air filtration requirements.
As an air filter manufacturer, we are uniquely positioned to custom make most types of air filters.

DIMENSIONS AND PERFORMANCE DATA:

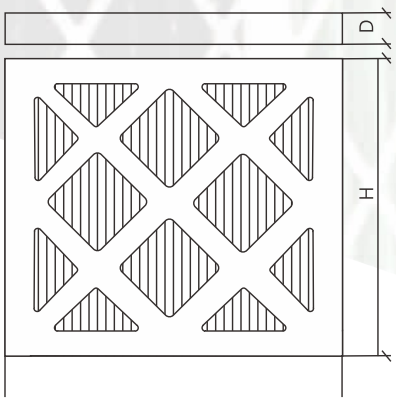
PRODUCT CODE	NOMINAL SIZE WxHxD (in.)	ACTUAL SIZE WxHxD (mm.)	EFFICIENCY En779	AIR FLOW/ INITIAL RESISTANCE	
				l/s / Pa	l^3/s / Pa
G4242425	24x24x1	594x594x22	25 mm	471.9/ 28	943.8/ 78
G4122425	12x24x1	290x594x22		235.9/ 28	471.9/ 78
G4202425	20x24x1	498x594x22		394.1/ 28	788.2/ 78
G4202025	20x20x1	496x496x22		328.0/ 28	656.0/ 78
G4202525	20x25x1	496x623x22		410.6/ 28	821.2/ 78
G45955955	24x24x2	594x594x47	50 mm	471.9/ 22	943.9/ 68
G42955955	12x24x2	290x594x47		235.9/ 22	471.9/ 68
G45954955	20x24x2	496x594x47		394.1/ 22	788.2/ 68
G44954955	20x20x2	496x496x47		328.0/ 22	656.0/ 68
G44956295	20x25x2	496x623x47		410.6/ 22	821.2/ 68
G4242495	24x24x4	594x594x92	100 mm	471.9/ 16	943.9/ 65
G4122495	12x24x4	290x594x92		235.9/ 16	471.9/ 65
G4202495	20x24x4	493x594x92		394.1/ 16	788.2/ 65
G4202095	20x20x4	493x493x92		799.9/ 16	656.0/ 65
G4202595	20x25x4	493x620x92		410.6/ 16	821.2/ 65

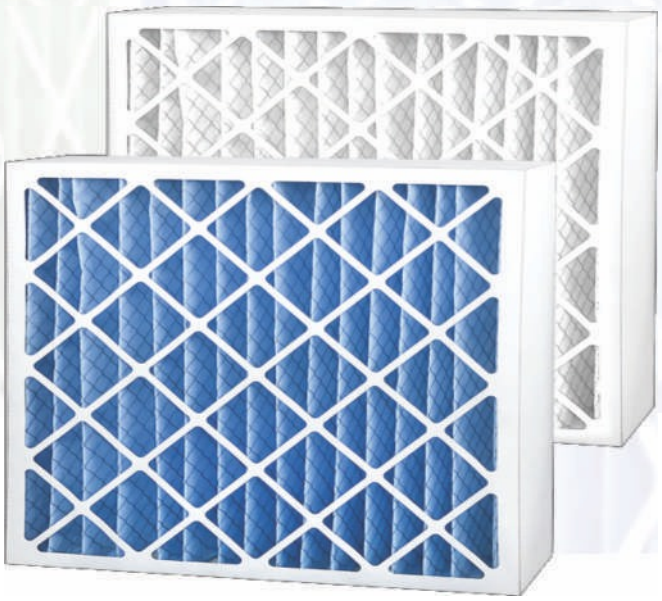
FACE VELOCITY : 492.13 FPM

■ 1. Extra sizes are available on request.



ENGINEERING DRAWING





BREATHE BETTER
with Air Filter Supplies



HIGH EFFICIENCY CARDBOARD FILTER

ADVANTAGE

These filters are at low cost, easy to install in wide range of application and are high moisture resistant.

APPLICATIONS

These filters can be used as pre-filters for most demanding filtration system and for extension the life of expensive high-efficiency filters. They can be used in residential, commercial and industrial.



DESCRIPTION

These pleated filters use synthetic media and bonded to wide mesh on the air-exiting side and then enclosed into die-cut cardboard.

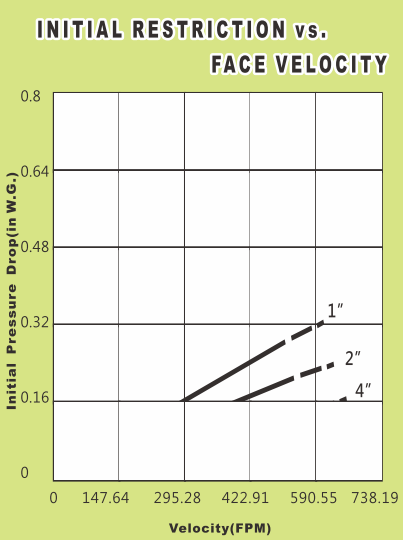
SPECIFICATION

Frame: High wet-strength carboard
Media: Synthetic fiber & glass fiber
Efficiency:
M5 (EN 799), 40-60% / MERV 10 (ASHRAE 52.2)
M6 (EN 779), 60~80% / MERV11~12 (ASHRAE 52.2)
F7 (EN 779), 80~90% / MERV13 (ASHRAE 52.2)
F8 (EN 779), 90~95% / MERV14 (ASHRAE 52.2)
F9 (EN 779), >95% / MERV15 (ASHRAE 52.2)

Flame Retardant Grade: UI900
Max. Temperature: 80°C
Max. Humidity: 100% RH
Rec. Final Pressure Drop: 350 Pa

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DIMENSIONS AND PERFORMANCE DATA:



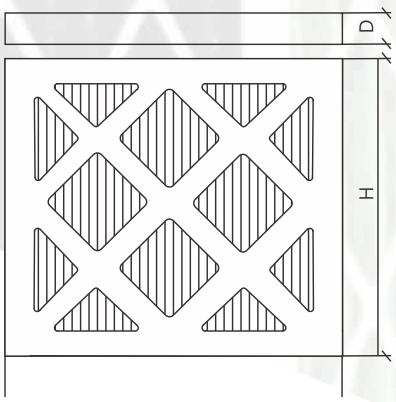
PRODUCT CODE	NOMINAL SIZE WxHxD (in.)	ACTUAL SIZE WxHxD (mm.)	EFFICIENCY En779	AIR FLOW/INITIAL RESISTANCE	
				High Capacity	Standard Capacity
G5595595	24x24x2	594x594x47	F5	943.0 l/s - 78 Pa	
G5295595	12x24x2	290x594x47		471.7 l/s - 78 Pa	
G6595595	24x24x2	594x594x47	F6	943.0 l/s - 105 Pa	
G6295595	12x24x2	290x594x47		471.7 l/s - 105 Pa	
G7595595	24x24x2	594x594x47	F7	943.0 l/s - 150 Pa	
G7295595	12x24x2	290x594x47		471.7 l/s - 150 Pa	
G8595595	24x24x2	594x594x47	F8	943.0 l/s - 170 Pa	
G8295595	12x24x2	290x594x47		471.7 l/s - 170 Pa	
G9595595	24x24x2	594x594x47	F9	943.0 l/s - 187 Pa	
G9295595	12x24x2	290x594x47		471.7 l/s - 187 Pa	

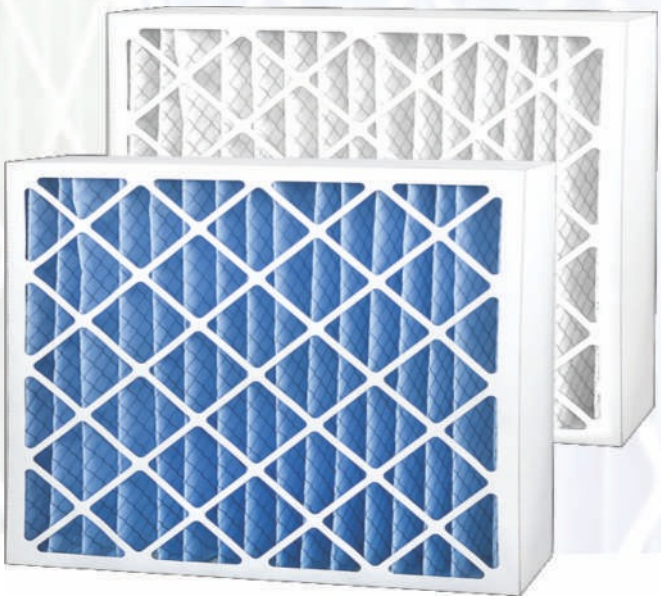
FACE VELOCITY : 492.13 FPM =2.5 m/s

■ 1. Extra sizes are available on request.

ENGINEERING DRAWING

ENGINEERING DRAWING

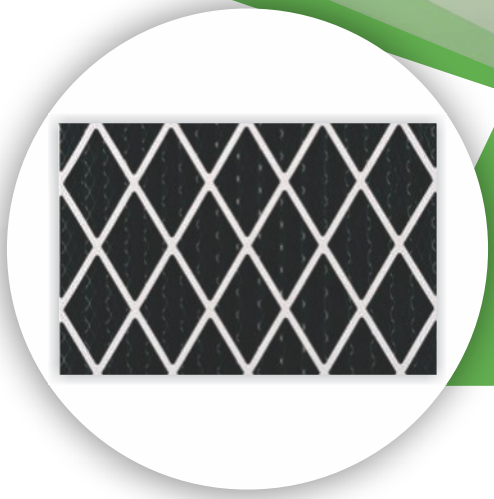




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CARBON PLEATED FILTER



FEATURES AND CHARACTERISTICS

- Low pressure drop
- Little or no dusting
- Disposable, easy to use, low service cost
- Effective gas phase filtration in a compact design
- Fits all standard front access frames and side access housings
- Excellent gas phase filter for intermittent gas applications
- Excellent filter to determine if carbon filters will remove the odor
- Recommend pressure drop

2" deep filter: 0.22" w.g. at 1.3 m/s
4" deep filter: 0.24" w.g. at 2.6 m/s



APPLICATIONS

These carbon pleated filters are designed for the control of intermittent odor problems. Carbon pleated filters remove a wide range of odors and common indoor air pollutants. Constructed with a water resistant board and pleated media to provide the maximum effective area, Carbon pleated filters are suitable for use in light duty commercial applications.

The carbon pleated filter is well suited for use where molecular contaminant concentrations are low and/or intermittent.

The carbon pleated filters are well suited for use in air make-up and re-circulation applications in office buildings, hospitals, airports, food courts, and manufacturing facilities.

PERFORMANCE RESULT

Odors removed by Activated Carbon
Food Odors
Paint Fumes
Ozone

Nominal Size	Actual Size
24 x 24 x 2	23-3/8x23-3/8x1 - 3/4
20 x 24 x 2	19-3/8x23-3/8x1 - 3/4
12 x 24 x 2	11-3/8x23-3/8x1 - 3/4
24 x 24 x 4	23-3/8x23-3/8x3 - 5/8
20 x 24 x 4	19-3/8x23-3/8x3 - 5/8
12 x 24 x 4	11-3/8x23-3/8x3 - 3/4
Initial Resistance at 1.3 m/s (in.w.g.)	Initial Resistance at 2.5 m/s (in.w.g.)
15 Pa	55 Pa
15 Pa	55 Pa
15 Pa	55 Pa
18 Pa	60 Pa
18 Pa	60 Pa
18 Pa	60 Pa

* Other sizes available on request.

BREATHE BETTER
with Air Filter Supplies

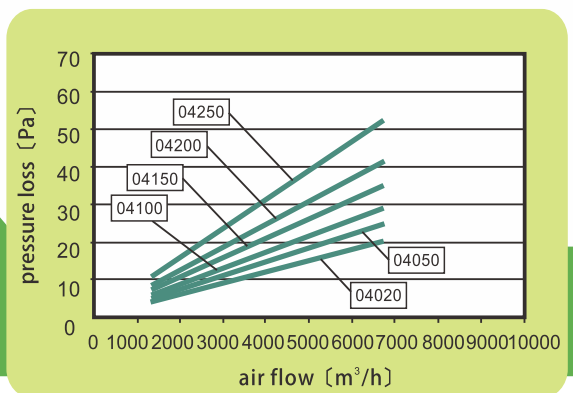




G4 CARDBOARD FILTER

FEATURE

- Polyester filter media is safe and easy to handle,and does not break down in use.
- Suitable for where fiberglass is not indicated, such as food processing and medical facilities.
- Fibers are held together with resin that is flame retardant and moisture resistant. Its dry and tackified design to help retain dust particles and prevent them from migrating into ducts.
- Media consisting of 100% polyester bonded fibers are formed into an interlocking pattern that traps dust and lint, while minimizing face surface loading.
- Polyester media fibers won't break off and flow into air stream. Used to replace fiberglass filters where minimal downstream contamination Is required, for example all heating ventilating, and air-conditioning applications.



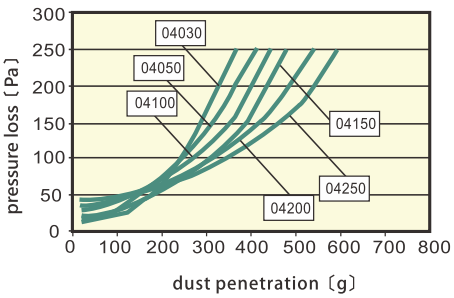
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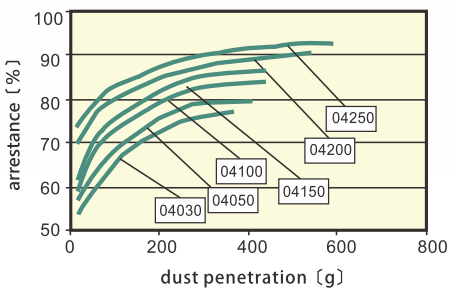
PERFORMANCE DATA:

Part Number	Size	Thickness	Temp.	Washable	Velocity	Pressure Drop		Efficiency	Holding Capacity	Dust Division
	W*L	MM	℃	OX	V m/s	Initial mmAg	Final mmAg		g/m²	Thick、Fine、Micro
04020	1M*50M	2	100℃	O	2.0	2	10		400	Thick dust
04030	1M*50M	3	100℃	O	2.5	3	15		400	Thick dust
04050	1M*50M	5	100℃	O	2.5	3.5	15		400	Thick dust
04100	1M*20M	10	100℃	O	2.5	4.7	20		450	Thick dust
04150	1M*20M	15	100℃	O	2.5	6.4	20		450	Thick dust
04200	1M*20M	20	100℃	O	2.0	6.5	20		460	Thick dust
04250	1M*20M	25	100℃	O	2.0	7.0	20		520	Thick dust
04300	1M*20M	30	100℃	O	2.0	7.5	20		560	Thick dust
05600	2M*20M	20	100℃	X	2.5	3.5	45		310	Micro dust



- TOLERANCE DEVIATION OF THICKNESS±15%
  PRESSURE DROP CONVERSION : 1mmAq=9.81PA





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N75 HIGH EFFICIENCY PANEL FILTER

The N75™ High Efficiency Panel Filter is a disposable filter designed to trap pollutants that are over 10 times smaller when compared to traditional panel filters. By trapping these pollutants, not only does the filter keep the unit cleaner and running more efficiently, but it also helps to maintain the air we breathe cleaner, saving you money on energy consumption and equipment repairs.

- **WHEN do I replace my filter?**
  For Home: every 12 months
  For Office: every 3-6 months or have a regular maintenance program in place.
  Size: custom sizesmade to order



- **MERV 8 rating:** Reduces up to 75% of airborne particles as small as 1 micron including:



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N95

The N95™ is a disposable filter designed to filter 95% of airborne particles.

- **WHEN do I replace my filter?**
  For Home: every 2 months
  For Office: every 1 month or have a regular maintenance program in place
  Size: custom sizesmade to order

- **MERV 16 rating:** Reduces up to 95% of airborne particles as small as 1 micron including:


Virus Carries/ Bacteria


Mold Spores


Dust Mite Debris


Smog

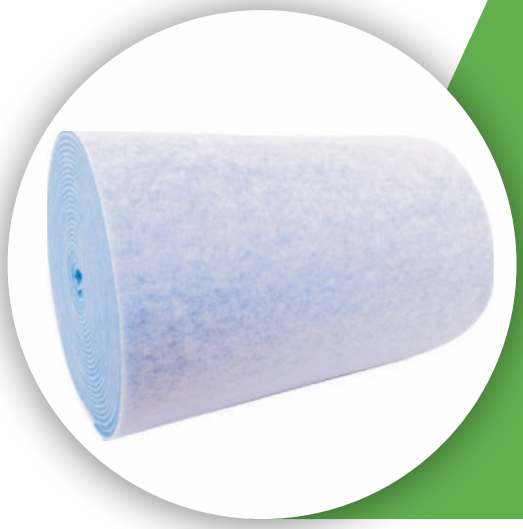

Most smoke


Pet Dander


Dust/Lint


Pollen

BREATHE BETTER
with Air Filter Supplies

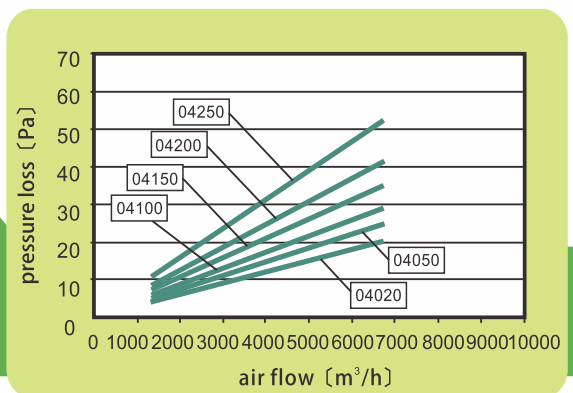




FILTER MEDIA

FEATURE

- Polyester filter media is safe and easy to handle,and does not break down in use.
- Suitable for where fiberglass is not indicated, such as food processing and medical facilities.
- Fibers are held together with resin that is flame retardant and moisture resistant. Its dry and tackified design to help retain dust particles and prevent them from migrating into ducts.
- Media consisting of 100% polyester bonded fibers are formed into an interlocking pattern that traps dust and lint, while minimizing face surface loading.
- Polyester media fibers won't break off and flow into air stream. Used to replace fiberglass filters where minimal downstream contamination Is required, for example all heating ventilating, and air-conditioning applications.



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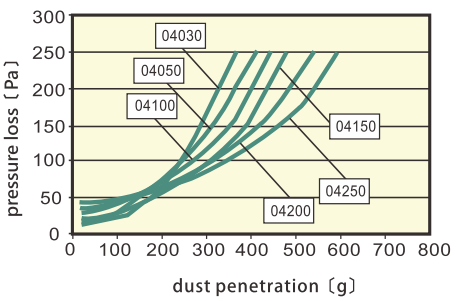
PERFORMANCE DATA:

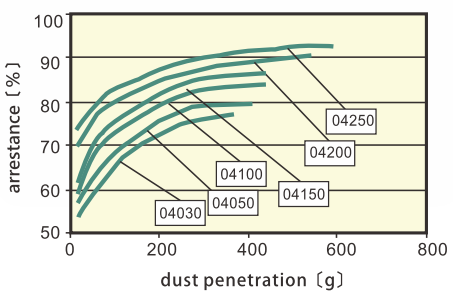
Part Number	Size	Thickness	Temp.	Washable	Velocity	Pressure Drop		Efficiency	Holding Capacity	Dust Division
	W*L	MM	℃	OX	V m/s	Initial mmAg	Final mmAg		g/m²	Thick、Fine、Micro
04020	1M*50M	2	100℃	O	2.0	2	10		400	Thick dust
04030	1M*50M	3	100℃	O	2.5	3	15		400	Thick dust
04050	1M*50M	5	100℃	O	2.5	3.5	15		400	Thick dust
04100	1M*20M	10	100℃	O	2.5	4.7	20		450	Thick dust
04150	1M*20M	15	100℃	O	2.5	6.4	20		450	Thick dust
04200	1M*20M	20	100℃	O	2.0	6.5	20		460	Thick dust
04250	1M*20M	25	100℃	O	2.0	7.0	20		520	Thick dust
04300	1M*20M	30	100℃	O	2.0	7.5	20		560	Thick dust
05600	2M*20M	20	100℃	X	2.5	3.5	45		310	Micro dust



■ TOLERANCE DEVIATION OF THICKNESS±15%
PRESSURE DROP CONVERSION : 1mmAq=9.81PA







BREATHE BETTER
with Air Filter Supplies



BAG POCKET FILTER

ADVANTAGE

Medium to high efficiency
High efficiency filtration with low resistance
Available in wide range of size
Gasketing products available
Ultra Sonic welding technology

APPLICATIONS

These Synthetic pocket filters are used in both commercial and industrial applications and others such as hospital, schools and public building. They are installed in general air conditioning plants, in gas turbine equipments or in computer suite to protect equipments for a longer service life. Pocket filter is also used as a medium filter in clean room filtration or where high cleaning efficiency is required.



DESCRIPTION

These synthetic ultrasonic pocket filters are constructed with synthetic media and assembled in galvanized steel frame. The pocket is flexible to maintain shape in changing conditions. Our pocket filter offers high efficiency filtration while maintaining low resistance to ai-flow.

SPECIFICATION

- Series: Pocket series
- Frame: Galvanized sheet metal 20mm header frame
- Media: Synthetic fiber ultrasonic oversew
- Fire retardant grade: UL900
- Temperature: ≦70° C
- Humidity: ≦100% RH
- Efficiency:

F5 (EN 779) 40-60% ASHRAE 52.1 (White)
F6 (EN 779), 60-80% ASHRAE 52.1 (Green)
F7 (EN 779), 80-90% ASHRAE 52.1 (Pink)
F8 (EN 779), 90-95% ASHRAE 52.1 (Yellow)

- Recommended final pressure drop: ≦250pa

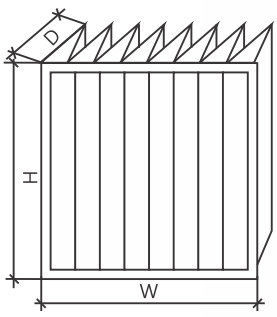
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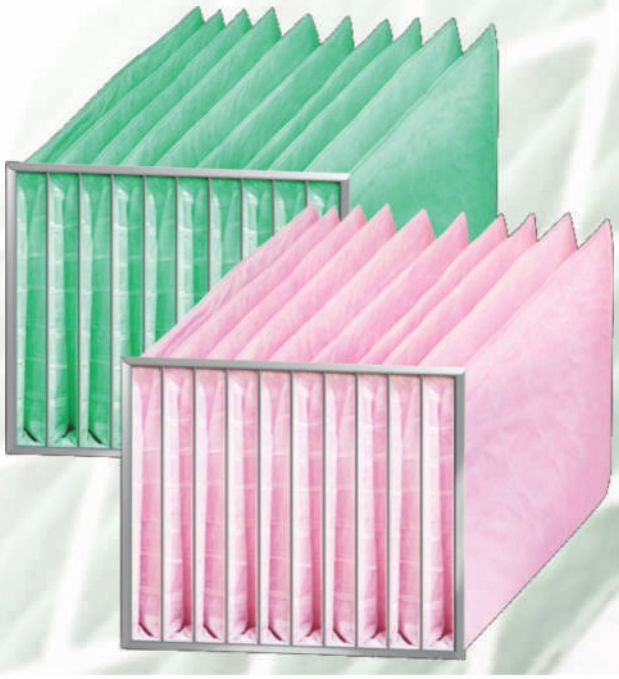
DIMENSIONS AND PERFORMANCE DATA:

PRODUCT CODE	NOMINAL SIZE WxHxD (in.)	ACTUAL SIZE WxHxD (mm.)	POCKETS	EFFICIENCY En779	AIR FLOW/INITIAL RESISTANCE l/s / Pa
MF5663	24x24x15	595x595x380	6	F5	943.3/65
MF5363	12x24x15	287x595x380	3		471.7/65
MF5666	24x24x22	595x595x560	10		943.3/55
MF5666	24x24x22	595x595x560	8		943.3/60
MF6663	24x24x15	595x595x380	6	F6	943.3/80
MF6363	12x24x15	287x595x380	3		471.7/80
MF6666	24x24x22	595x595x560	10		943.3/70
MF6666	24x24x22	595x595x560	8		943.3/75
MF7663	24x24x15	595x595x380	6	F7	943.3/120
MF7363	12x24x15	287x595x380	3		471.7/120
MF7666	24x24x22	595x595x560	10		943.3/75
MF7666	24x24x22	595x595x560	8		943.3/80
MF8663	24x24x15	595x595x380	6	F8	943.3/160
MF8363	12x24x15	287x595x380	3		471.7/160
MF8666	24x24x22	595x595x560	10		943.3/95
MF8666	24x24x22	595x595x560	8		943.3/105

■ 1.Extra sizes are available on request. .

ENGINEERING DRAWING





BREATHE BETTER
with Air Filter Supplies

MINI-PLEAT HEPA Filter



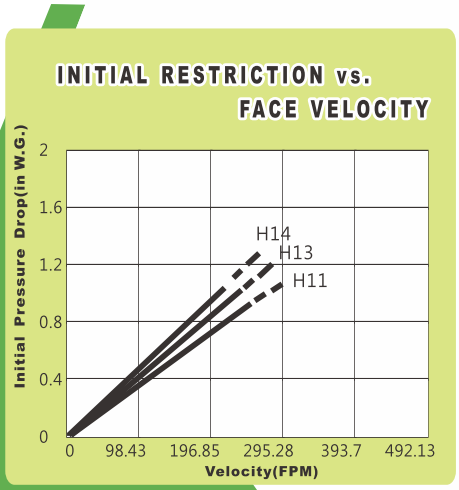
ADVANTAGE

The extended media surface combined with precisely controlled bead separator pleating creates low resistance to air flow and save energy consumption. The light weight makes customer easy to install.

APPLICATIONS

These filters use mini-pleat glass fiber media with efficiencies from 99.97% (H13) to 99.9995% (U15). All Air Filters Supplies are individually tested to verify that each filter shipped meets the specified efficiency. They are designed for optimize applications, such as health care, commercial, educational and industrial buildings.





SPECIFICATION

- Series: Mini-pleat series
- Frame: Galvanized sheet; Aluminum
- Media: Glass Fiber
- Separators: Hot melt
- Sealant: P olyurethane
- Temperature: ≦70°C
- Humidity: ≦100% RH
- Efficiency:
  MPPS: ≧99.95% (H11);
  DOP: ≧99.97% @ 0.3μm
  MPPS: ≧99.995% (H13);
  DOP: ≧99.99% @ 0.3μm
  MPPS: ≧99.9995% (U15);
  DOP: ≧99.9995% @ 0.1~0.2 μm
- Recommended final pressure drop: ≦500Pa

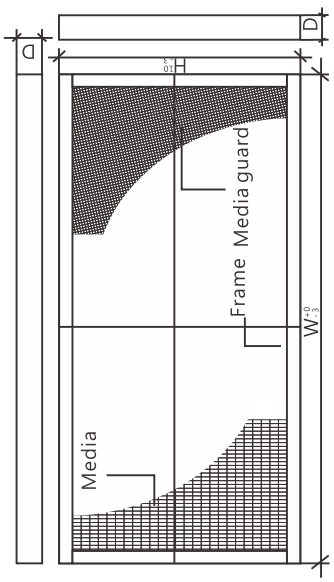
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DIMENSIONS AND PERFORMANCE DATA:

ITEM NO.	NOMINAL SIZE WxHxD (in.)	ACTUAL SIZE WxHxD (mm.)	EFFICIENCY En1822	AIR FLOW/ INITIAL RESISTANCE	
				l/s / Pa	l/s / Pa
				Standard Capacity	High Capacity
3239712243	12x24x2 3/4	305x610x70	H11	134.9/ 240	191.6/ 245
3239724243	24x24x2 3/4	610x610x70		286.5/ 240	403.0/ 245
3239736243	36x24x2 3/4	915x610x70		436.6/ 240	616.4/ 245
3239748243	48x24x2 3/4	1220x610x70		586.2/ 240	862.7/ 245
324912243	12x24x2 3/4	305x610x70	H13	134.9/ 245	191.6/ 250
324924243	24x24x2 3/4	610x610x70		286.5/ 245	403.0/ 250
324936243	36x24x2 3/4	915x610x70		436.6/ 245	616.4/ 250
324948243	48x24x2 3/4	1220x610x70		586.2/ 245	862.7/ 250
325912243	12x24x2 3/4	305x610x70	U15	80.2/ 160	
325924243	24x24x2 3/4	610x610x70		168.5/ 160	
325936243	36x24x2 3/4	915x610x70		256.7/ 160	
325948243	48x24x2 3/4	1220x610x70		344.5/ 160	
FACE VELOCITY: STANDARD VELOCITY : 167.32 FPM HIGH VELOCITY : 246.06 FPM (HEPA) STANDARD VELOCITY : 98.43 FPM (ULPA)					

■ 1.Extra sizes are available on request..

ENGINEERING DRAWING





BREATHE BETTER
with Air Filter Supplies

V-type ASHRAE Filter



ADVANTAGE

Extended media surface creates lower resistance to higher air flow which save your energy consumption. Large media area, up to 420 square feet, provides filters longer serving life and higher dust holding capacity. The perfect choice for your most critical environments.

APPLICATIONS

These filters are suitable for almost any application, such as PRE FILTER for power generating facilities, of FINAL FILTER for high-tech industries. HV filters can function normally in area of repeated turbulent air flow, repeated fan shutdown, desert and marine installation.

DESCRIPTION

These mini-pleated V-bank filters use glass fiber or synthetic media with efficiency in 65%, 85% and 95%. The frame can be galvanized steel, ABS or aluminum.

SPECIFICATION

- Series: V-bank Series
- Frame: ABS, aluminum, gal. sheet
- Separators: Hot melt
- Media: Glass fiber or synthetic fiber media
- Sealant: P olyruethane
- Temperature: 70ºC
- Humidity: 100% RH
- Efficiency:
F6 (EN 779), 60-80% ASHRAE 52.1,
F7 (EN 779), 80-90% ASHRAE 52.1,
F8 (EN 779), 90-95% ASHRAE 52.1,
- Recommended final pressure drop: 350pa



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DIMENSIONS AND PERFORMANCE DATA:

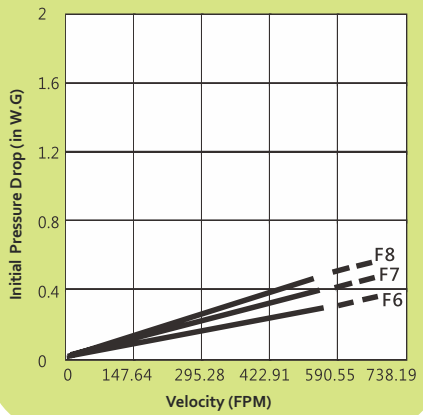
ITEM NO.	NOMINAL SIZE WxHxD(in.)	ACTUAL SIZE WxHxD(mm)	EFFICIENCY En779	AIR-FLOW/INITIAL RESISTANCE l/s / Pa	l/s/ Pa
				100%	125%
374V65242412	24×24×12	610×610×292×4v	F6	943.9/70	1179.9/105
375V65242412	24×24×12	610×610×292×5v		943.9/70	1179.9/90
376V65242412	24×24×12	610×610×292×6v		943.9/60	1179.9/85
373V65122412	12×24×12	305×610×292×3v		471.9/60	589.9/85
374V85242412	24×24×12	610×610×292×4v	F7	943.9/90	1179.9/120
375V85242412	24×24×12	610×610×292×5v		943.9/85	1179.9/115
376V85242412	24×24×12	610×610×292×6v		943.9/80	1179.9/110
373V85122412	12×24×12	305×610×292×3v		471.9/80	589.9/110
374V95242412	24×24×12	610×610×292×4v	F8	943.9/80	1179.9/140
375V95242412	24×24×12	610×610×292×5v		943.9/100	1179.9/130
376V95242412	24×24×12	610×610×292×6v		943.9/90	1179.9/125
373V95122412	12×24×12	305×610×292×3v		471.9/90	589.9/125

FACE VELOCITY
STANDARD VELOCITY : 472.44 FPM HIGH VELOCITY : 590.55 FPM

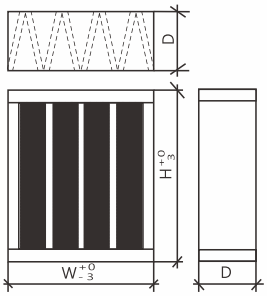
■ 1. Extra sizes are available on request.



INITIAL RESTRICTION vs. FACE VELOCITY



ENGINEERING DRAWING



BREATHE BETTER
with Air Filter Supplies



HV (High Volume) HEPA Filter

ADVANTAGE

Extended media surface creates lower resistance to higher air flow which save your energy consumption. Large media area, up to 420 square feet, provides filters longer serving life and higher dust holding capacity. The perfect choice for your most critical environments.

APPLICATIONS

These filters are suitable for almost any application, such as PRE FILTER for power generating facilities, or FINAL FILTER for high-tech industries. HV Filters can function normally in area of repeated turbulent air flow, repeated fan shutdown, desert, and marine installation.



DESCRIPTION

These Mini-pleated V-bank filters use glass fiber media with efficiency in H11, H13, H14.
The frames can be galvanized steel, ABS or aluminum.

SPECIFICATION

- Series: V-bank Series
- Frame: ABS; Gal.steel; Aluminum
- Media: Glass fiber
- Separators: Hot melt
- Sealant: P olyurethane
- Temperature: ≯70ºC
- Humidity: ≤100% RH
- Efficiency:
  MPPS≥95% (H11);
  DOP≥95% @ 0.3 μm
  MPPS≥99.95% (H13);
  DOP≥99.97% @ 0.3 μm
  MPPS≥99.995% (H14);
  DOP≥99.99% @ 0.3 μm
- Recommended final pressure drop: ≤600pa

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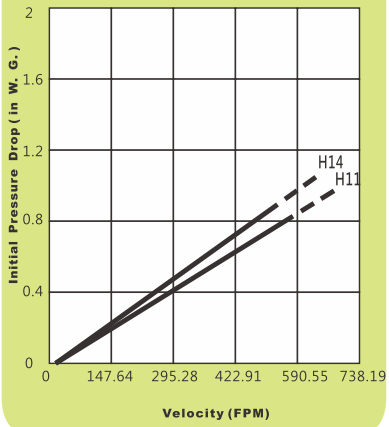
DIMENSIONS AND PERFORMANCE DATA:

ITEM NO.	NOMINAL SIZE WxHxD (in.)	ACTUAL SIZE WxHxD (mm.)	EFFICIENCY En1822	AIR FLOW/ INITIAL RESISTANCE	
				l/s / Pa	l/s / Pa
				Standard Capacity	High Capacity
374VD95242412	24x24x12	610x610x292x4v	H11	849.5/ 150	943.9/ 200
376VD95242412	24x24x12	610x610x292x6v		849.5/ 130	943.9/ 180
373VD95122412	12x24x12	305x610x292x3v		424.8/ 130	471.9/ 180
374V397242412	24x24x12	610x610x292x4v	H13	849.5/ 250	943.9/ 300
376V397242412	24x24x12	610x610x292x6v		849.5/ 230	943.9/ 280
373V397122412	12x24x12	305x610x292x3v		424.8/ 230	471.9/ 280
374V49242412	24x24x12	610x610x292x4v	H14	849.5/ 250	943.9/ 300
376V49242412	24x24x12	610x610x292x6v		849.5/ 230	943.9/ 280
373V49122412	12x24x12	305x610x292x3v		424.8/ 230	471.9/ 280

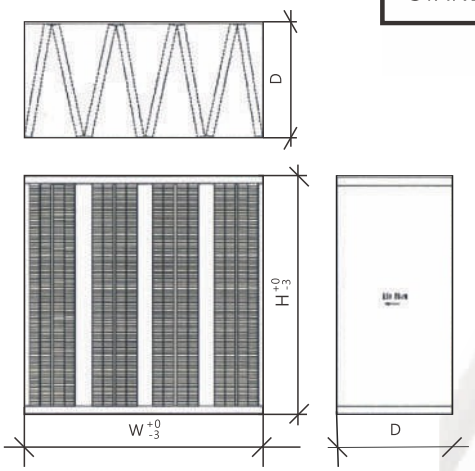
FACE VELOCITY:
STANDARD VELOCITY : 2.5 M/S HIGH VELOCITY : 3.2 M/S

*1.Extra sizes are available on request.

INITIAL RESTRICTION vs. FACE VELOCITY



ENGINEERING DRAWING



BREATHE BETTER
with Air Filter Supplies



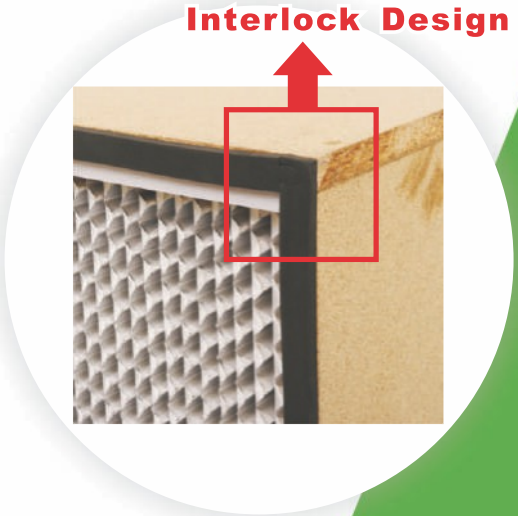
HEPA SEPARATOR filter

ADVANTAGE

These special designed filters allow system to control laminar air flow under high humidity. Hemmed edges on the aluminum reduce possible pleat damage. Low initial pressure media lengthen the life of filters and filters meet UL class 900 fire code.

APPLICATIONS

These filters can remove a broad range of airborne contaminants. They can be used as final filters in hospital, aerospace, pharmaceutical and food processing industry. They also can be used as pre-filter for the most demanded clean room.



DESCRIPTION

Filters are constructed with stainless galvanized steel, aluminum, or wood frame with media pleated back and forth over safe edge aluminum to optimize performance.

Polyurethane sealant applies throughout all filter to prevent any possible leakage.

SPECIFICATION

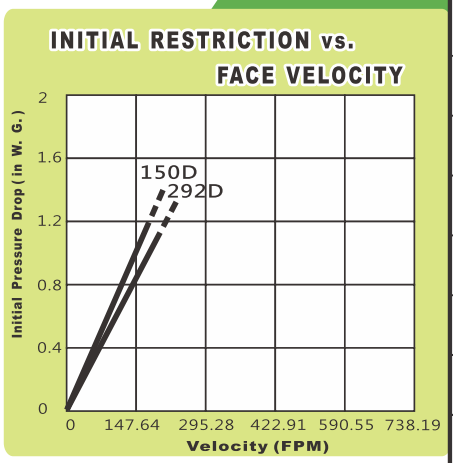
- Series: Separator type
- Header: Box; Single; Double
- Frame: W ooden, Aluminum; Galvanized & Stainless steel
- Media: W et-laid micro-glassfiber
- Separators: Aluminum foil
- Sealant: P olyurethane
- Fire retardant: UL900
- Temperature: ⩽80°C
- Humidity: ⩽100% RH
- Efficiency:
  MPPS: ⩾95% (H11);
  DOP: ⩾95% @ 0.3μm
  MPPS: ⩾99.95% (H13);
  DOP: ⩾99.97% @ 0.3μm
  MPPS: ⩾99.995% (H14);
  DOP: ⩾99.99% @ 0.3μm
- Recommended final pressure drop: ⩽500pa

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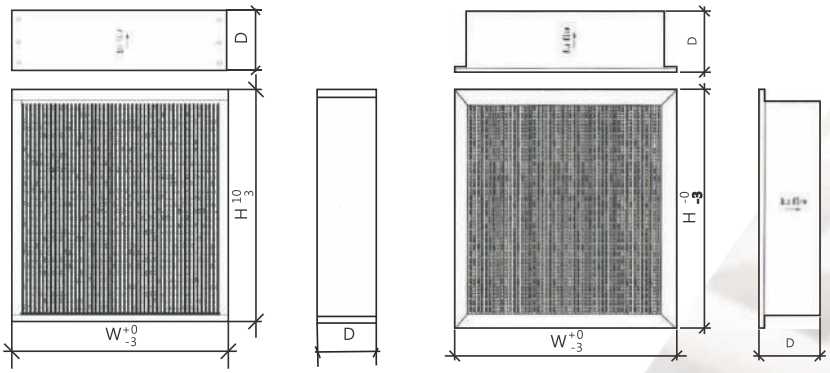
DIMENSIONS AND PERFORMANCE DATA:

ITEM NO.	NOMINAL SIZE WxHxD (in.)	ACTUAL SIZE WxHxD (mm.)	EFFICIENCY En1822	AIR FLOW/ INITIAL RESISTANCE	
				l/s / Pa	l/s / Pa
				Standard Capacity	High Capacity
31D9512246	12x24x6	305x610x150	H11	471.9/ 28	943.9/ 78
31D9524246	24x24x6	610x610x150		235.9/ 28	471.9/ 78
3139712246	12x24x6	306x610x150	H13	394.1/ 28	788.1/ 78
3139724246	24x24x6	610x610x150		328.0/ 28	656.0/ 78
31397122412	12x24x12	305x610x292		410.6/ 28	821.2/ 78
31397242412	24x24x12	610x610x292		471.9/ 22	943.9/ 68
314912246	12x24x6	305x610x150	H14	235.9/ 22	471.9/ 68
314924246	24x24x6	610x610x150		394.1/ 22	788.1/ 68
3149122412	12x24x12	305x610x292		328.0/ 22	656.0/ 68
3149242412	24x24x12	610x610x292		410.6/ 22	821.2/ 68

FACE VELOCITY:
150D STANDARD VELOCITY : 0.75 M/S HIGH VELOCITY : 1.34 M/S
292D STANDARD VELOCITY : 1.05 M/S HIGH VELOCITY : 2.5 M/S



ENGINEERING DRAWING



■ 1.Extra sizes are available on request..



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HEPA Room Side Replaceable Filters for Ducted Filter Modules



APPLICATIONS

Designed for being applied in the cleanroom partitions, light weight ceiling, TEE-Bar, etc. The room side replaceable module is an ideal terminal filter hood for pharmaceutical and biotech cleanrooms.

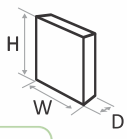
FEATURES

Replaceable module can combine with FFU system one used in a positive-pressure clean room.
The room side replaceable ducted filter module is a permanent medium to high efficiency. The unit is manufactured by aluminum or stainless steel. Custom designed units are available for specific requirements.



ADVANTAGES

- ✓ Cost & energy saving
- ✓ High humidity resistance
- ✓ Interlock design on gasketing to secure the airflow without leaking
- ✓ Easy to assemble with the continuous bead collar
- ✓ Easy for the indoor installation without removing the housing
- ✓ Light weight design
- ✓ Also available in non-standard sizes



Special Size | Customized



EN 1822 2009 | H10 | H11 | H13 | H14

SPECIFICATION

Frame: Extruded aluminum
Media: Glass fiber
Efficiency:
H10 (EN 1822) / MERV 16 (ASHRAE 52.2)
MPPS:≥85% / DOP: ≥95%@0.3 μm
H11 (EN 1822) / MERV 16 (ASHRAE 52.2)
MPPS:≥95% / DOP: ≥99.9%@0.3 μm
H13 (EN 1822) / MERV 17-18 (ASHRAE 52.2)
MPPS: ≥99.95% / DOP: ≥99.99%@0.3 μm
H14 (EN 1822) / MERV 19 (ASHRAE 52.2)
MPPS: ≥99.995% / DOP: ≥99.999%@0.3 μm

Separator: Hot melt
Sealant: Polyurethane (PU)
Flame Retardant Grade: Ul900
Max. Temperature: ≦ 70°C
Max. Humidity: ≦ 100% RH
Rec. Final Pressure Drop: ≦ 500Pa

DIMENSIONS AND PERFORMANCE DATA:

Nominal Size WxHxD (in.)	Nominal Size WxHxD (in.)	Actual Size (mm)	EFFICIENCY
24x24x6	24x24x6	600	H10 (MERV 16)
12x24x6	12x24x6	300	H11 (MERV 16)
30x24x6	30x24x6	750	H12 (MERV 16)
36x24x6	36x24x6	900	H13 (MERV 17-18)
48x24x6	48x24x6	1200	H14 (MERV 19)

BREATHE BETTER
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DUCTED TERMINAL MODULES

ADVANTAGE

Complete unit design with low pressure drop to save energy consumption and longer service life.

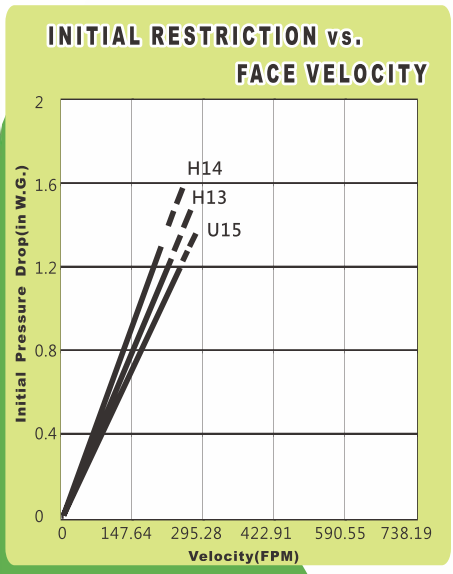
APPLICATIONS

These modules are specially designed for the pharmaceutical, semi-conductor, micro-electronics, bio-industry and the surgery rooms of hospitals.

DESCRIPTION

Design for easy installation. Module use glass fiber media which is mini- pleated with efficiency at 99.995% (H14) to 99.9995% (U15).





SPECIFICATION

- Series: Ducted terminal modules
- Frame: Extruded aluminum
- Media: Glass fiber
- Separators: Hot melt
- Sealant: P olyurethane
- Gasket: EVA
- Heat preservation material: PE
- Temperature: ≦80°C
- Humidity: ≦100% RH
- Efficiency:
  MPPS: ≧99.95% (H13);
  DOP: ≧99.97% @ 0.3μm
  MPPS: ≧99.995% (H14);
  DOP: ≧99.99% @ 0.3μm
  MPPS: ≧99.9995% (U15);
  DOP: ≧99.9995% @ 0.1~0.2 μm
- Recommended final pressure drop: ≦500pa

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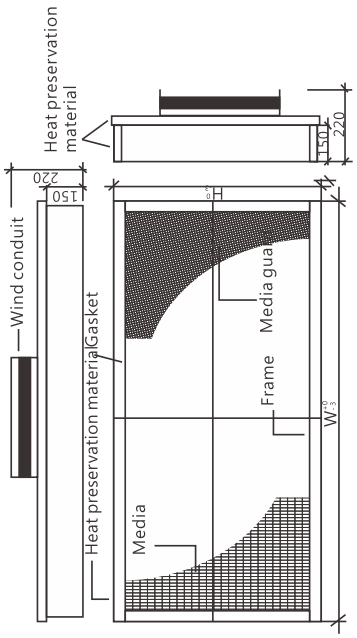
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DIMENSIONS AND PERFORMANCE DATA:

ITEM NO.	ACTUAL SIZE WxHxD (mm.)	EFFICIENCY	AIR FLOW/ INITIAL RESISTANCE
			l/s / Pa
34397600600150	600x600x150	H13	276.6/ 245
34397610610150	610x610x150		286.5/ 245
343971210600150	1210x600x150		571.1/ 245
343971220610150	1220x610x150		586.2/ 245
3449600600150	600x600x150	H14	276.6/ 250
3449610610150	610x610x150		286.5/ 250
34491210600150	1210x600x150		571.1/ 250
34491220610150	1220x610x150		586.2/ 250
3459600600150	600x600x150	U15	161.4/ 165
3459610610150	610x610x150		168.5/ 165
34591210600150	1210x600x150		335.1/ 165
34591220610150	1220x610x150		345.5/ 165

FACE VELOCITY : 98.43 FPM (0.5 M/S)

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