



DEVISER

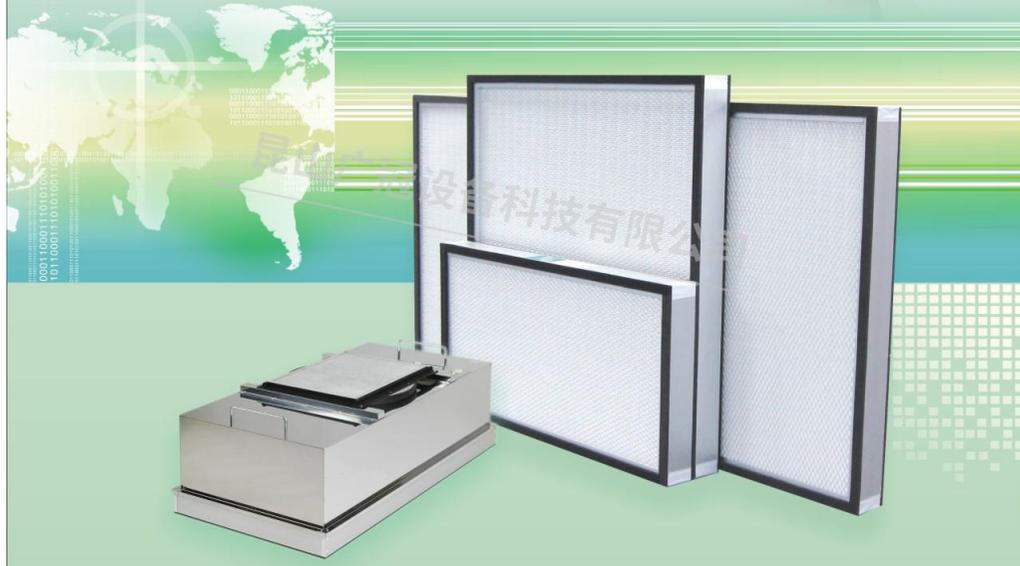
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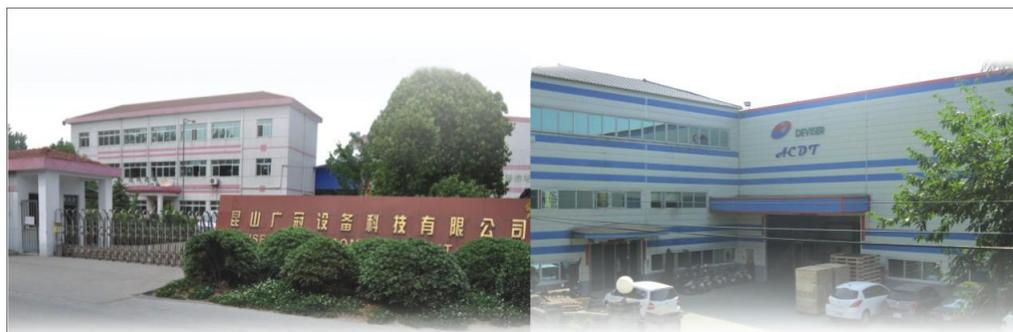
Filter Unit

HEPA FILTER / ULPA FILTER



廣隆欣業股份有限公司
AIR CLEAN DEVISER TAIWAN CORP.

昆山廣冠設備科技有限公司
DEVISER CLEANROOM EQUIPMENT CORP.



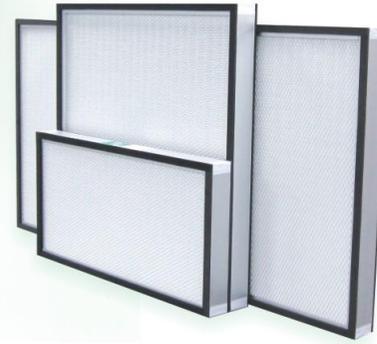
公司簡介 About US

廣隆欣業股份有限公司成立於西元1993年，創業時即以專業Clean Room設備為公司營運目標，多年來不斷引進國內外技術與培養專業工程人員，提供高科技產業之需求，歷經多年的創新與研發，產品已獲國家專利；而潔淨室設備經驗從Class1-100,000皆有實際之豐富實績，行業更跨越IC電子、TFT光電、生物、生化、食品、光學、醫學、學校研究單位等產業界。

為配合我國高科技產業升級，憑多年之經驗與市場需求，成立專業之無塵室設備製造廠，提供設計及製造高品質與特殊之設備，以服務並提昇國內科技水準為目標；目前更配合產業之西進，在大陸江蘇昆山設一無塵室設備製造廠-昆山广冠设备科技有限公司，以提供大陸高科技產業之所需；且為更能使客戶達到一貫性之專業服務，不斷提昇無塵室及理化實驗設備技術，除代理各項無塵室產品滿足所有業界之需求外，近年來更將多項產品在台灣研發、製造，以達到品質、速度、價格兼顧之最終目標。

DEVISER was established in 1993, with the businesses focusing on providing the professional services in the field of Clean Room Equipment Industries. For many years, it has been introducing both of the domestic and foreign technologies so as to train and raise a lot of well skilled engineers for a very wide of the variety of projects continuously. It really could meet the needs of different kind of high tech industries. There are lots of its products have obtained the domestic patent right already after many year' s innovation and R&D. Our experience covered the professional Clean Room area from Class1 ~ 100,000, with our clients basis across the Optoelectronics TFT, Semi-Conductors, Electronics industry, Food, Bio-chemical, Pharmaceutical, Medical, and Laboratory set-up in major Universities & Institutes. For the purpose of coordinating the policy of high tech industries upgrading of our country' s and along with many years' experiences & the market demands, we establish a professional manufacturing factory for Clean Room Equipment Industry so as to provide designs along with manufacturing high quality and specialized equipments as well. And we do take it as the goal to offer best services and promoting the domestic technical level as well. In order to coordinate the policy of government' s industry west enter, we had established a Clean Room Equipment factory JiangSu KunShan -DEVISER CLEANROON EQUIPMENT COR CORPso as to provide the equipments needed for China' s high tech industries' .

Besides of that, for the purpose of being able to provide our clients with the consistent and professional services and promoting the manufacturing technology for Clean Room and Physics & Chemistry laboratory' s equipments, we do are the agent of Clean Room products so as to try to meet the needs for all fields of this kind of Clean Room Equipment Industry. Moreover, we have been doing R&D and manufacturing works in TAIWAN recently so as to try to reach the final goal of providing the best quality, quick services, and great prices as well.



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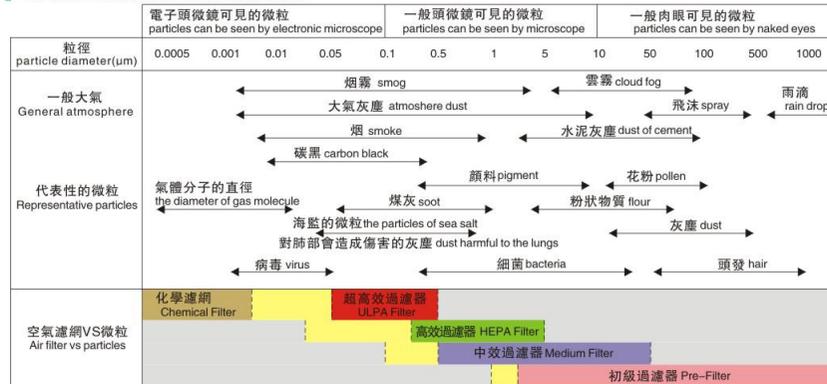
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應用指南
APPLICATION GUIDELINES

Filter Class	CEN Std.	Ashrae Std.52.1		Ashrae Std.52.2	TNF Product
	Efficiency	Dust Spot Efficiency	Arrestance	MERV	
U17	99.999995%(MPPS)	—	—	—	Panel Type Filter / PTFE
U16	99.99995%(MPPS)	—	—	—	Panel Type Filter / PTFE
U15	99.9995%(MPPS)	—	—	20	Panel / Cell Type Filter
H14	99.995%(MPPS)	—	—	19	Panel / Cell Type Filter
H13	99.95%(MPPS)	—	—	18	Panel / Cell Type Filter
H12	99.5%(MPPS)	—	—	17	—
H11	95%(MPPS)	—	—	16	Cell Type J HEPA Filter
H10	85%(MPPS)	—	—	16	—
F9	95 ≧ Em	>95%	—	15	EMILENTTM(FrontAccessTypa)
F8	90 ≧ Em < 95%	90-95%	>98%	14	Cell Type Medium Filter
F7	80 ≧ Em < 90%	80-90%	>98%	13	Bag Filter (PAC-FIO)
F6	60 ≧ Em < 80%	70-75%	>95%	12	—
		60-65%	>95%	11	—
F5	40 ≧ Em < 60%	50-55%	>95%	10	Cell Type Medium Filter
		40-45%	>90%	9	—
G4	90 ≧ Am	30-35%	>90%	8	—
		25-30%	>90%	7	—
G3	80 ≧ Am < 90%	<20%	85-90%	6	Pre Filter (RemoddiTM / Rim Cap TM)
		<20%	80-85%	5	—
G2	65 ≧ Am < 80%	<20%	75-80%	4	—
		<20%	70-75%	3	—
		<20%	65-70%	2	—
G1	Am < 65%	<20%	<65%	1	—

U : ULPA Filter H : HEPA Filter MPPS : Most Penetrating Particle Size Am : Average arrestance Am on Synthetic Dust
 H10-U17 : CEN EN1822 G1-F9 : CEN EN779 EM : Average Efficiency Em on atmospheric Dust

各種懸浮物質表
VARIOUS AEROSOL TABLES



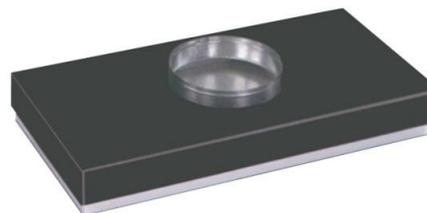
拋棄式標準型高效率空氣過濾箱 Disposable Standard Capacity HEPA Filter terminal Unit

拋棄式標準型高效率空氣過濾箱，配合T-Bar天花板使用，可直接與風管之軟管組合，體積小、重量輕，安裝容易，節省施工時間，適用於無塵室或其它各類1~100,000等級潔淨場所，特殊尺寸及規格可依客戶需求製作

By coordinating with the use of ceiling T-bar system, the disposable HEPA filter module unit can connect to air hose directly. As for its small size, light weight, easy assembling, saving the installation time, it can be used for clean room or the other critical clean area which its cleanliness level is between class 1 and class 100,000. Customized sizes and specifications are available to meet customer's requirements.

特徵 Features

效率 Efficiency : PAO 99.99%、99.995% at 0.3µm
 標準 Std. : EN1822, Class H13 / H14



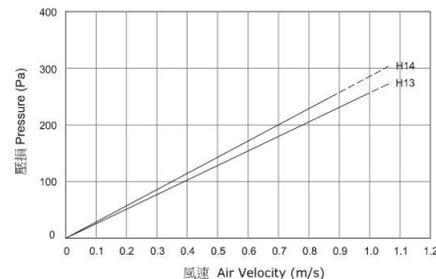
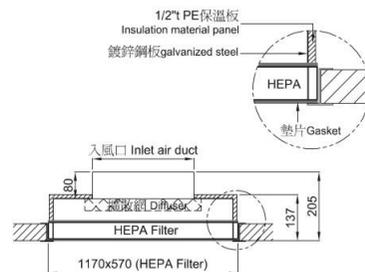
使用條件 Operating conditions

耐用溫度 Temperature : 80° C
 耐用溼度 Humidity : 100%RH (NO Dew)

尺寸Dimension W x D x H (mm)	風量Air Volume				初期壓損 Initial P.D (Pa)	最終壓損 Final P.D (Pa)
	H13		H14			
	CMM	CFM	CMM	CFM		
570 x 570 x 137	17	587	15	525	249 (25.4 mmH ₂ O)	500 (50.8 mmH ₂ O)
600 x 600 x 137	19	654	17	585		
610 x 610 x 137	19	677	17	606		
1170 x 570 x 137	35	1239	31	1108		
1210 x 600 x 137	38	1353	34	1211		
1220 x 610 x 137	39	1389	35	1243		

※ 面风速0.85m/s ※ 建议值

※ 風管尺寸10" (Ø250) , 12" (Ø300) , 14" (Ø350) 三種可供選擇
 There are three type of the air duct collar size of 10" (Ø250) , 12" (Ø300) , and 14" (Ø350) available as optional.



室內可更換式高效率空氣過濾箱—T-Bar型

Room Side Replaceable HEPA Filter module Unit—T-Bar installation type

室內可更換式高效率空氣過濾箱—T-Bar型，配合T-Bar天花板使用，可直接與風管之軟管組合；本體經陽極處理，濾網含保護網，內部設計，以墊片式或U槽凝膠式濾網配合，且換裝濾網不用工具，可防止二度污染；體積小、重量輕，安裝容易，節省施工時間，適用於無塵室或其它各類1~100,000等級潔淨場所，特殊尺寸及規格可依客戶需求製作

By coordinating with the use of ceiling T-bar system, T-Bar installation type Room Side Replaceable HEPA Filter module Unit can connect to air hose directly. And it is equipped with an anodized main body, filter protection face guard. In addition, the design of the internal air plenum is to have a gasket or U channel with Gel sealant inside of it to work as the sealing material between HEPA filter and module main body. So that, there is no any tools needed for HEPA filter replacement and this can protect HEPA filter from being polluted repeatedly. Moreover, as for its small size, light weight, easy assembling, and saving the time needed for its installation, it can be used for clean room or the other critical clean area which its cleanliness level is between class 1 and class 100,000. Customized sizes and specifications are available to meet customer's requirements.

特徵 Features

效率Efficiency：PAO 99.99%、99.995% at 0.3μm

標準Std.： EN1822, Class H13 / H14

使用條件 Operating conditions

耐用溫度 Temperature：80° C

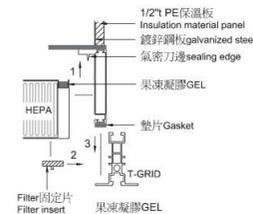
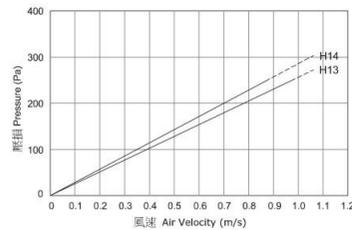
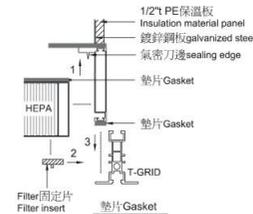
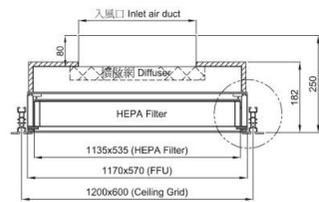
耐用溼度 Humidity：100%RH (NO Dew)



尺寸Dimension W x D x H (mm)	濾網尺寸 Filter Dimension W x D x H	風量Air Volume				初期壓損 Initial P.D (Pa)
		H13		H14		
		CMM	CFM	CMM	CFM	
570 x 570 x 182	535 x 535 x 70	15	513	13	459	249 (25.4 mmH ₂ O) ※面風速0.85m/s
870 x 570 x 182	835 x 535 x 70	23	818	21	732	
1170 x 570 x 182	1135 x 535 x 70	32	1123	28	1005	
1210 x 600 x 182	1175 x 565 x 70	35	1233	31	1103	

※風管尺寸10" (Ø250), 12" (Ø300), 14" (Ø350) 三種可供選擇

There are three type of the air duct collar size of 10" (Ø 250), 12" (Ø 300), and 14" (Ø 350) available as optional.



室內可更換式高效率空氣過濾箱 - 嵌板型

Room Side Replaceable HEPA Filter module Unit – flush mounted ceiling type

室內可更換式高效率空氣過濾箱-嵌板型，配合天花板及懸吊裝置的使用，可直接與風管之軟管組合；本體經陽極處理，濾網含保護網，內部設計，以墊片式或U槽凝膠式濾網配合，且換裝濾網不用工具，可防止二度污染；備有四只吊勾，以固定框架，體積小、重量輕，安裝容易，節省施工時間，適用於無塵室或其它各類1~100,000等級潔淨場所，特殊尺寸及規格可依客戶需求製作

By coordinating with the use of ceiling system & hangers, flush mounted ceiling type Room Side Replaceable HEPA Filter module Unit can connect to air hose directly. And it is equipped with an anodized main body, filter protection face guard. In addition, the design of the internal air plenum is to have a gasket or U channel with Gel sealant inside of it to work as the sealing material between HEPA filter and module main body. So that, there is no any tools needed for HEPA filter replacement and this can protect HEPA filter from being polluted repeatedly. And it is equipped with 4 pieces of hanger so as to fix the module. Moreover, as for its small size, light weight, easy assembling, and saving the time needed for its installation, it can be used for clean room or the other critical clean area which its cleanliness level is between class 1 and class 100,000. Customized sizes and specifications are available to meet customer's requirements.

特徵 Features

效率Efficiency : PAO 99.99%、99.995% at 0.3μm

標準Std. : EN1822, Class H13 / H14

使用條件 Operating conditions

耐用溫度 Temperature : 80° C

耐用溼度 Humidity : 100%RH (NO Dew)

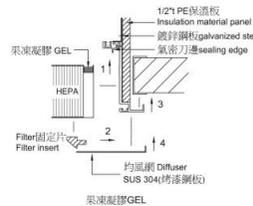
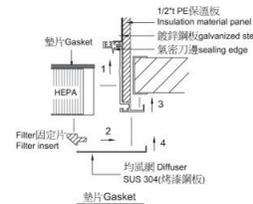
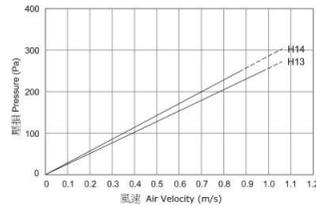
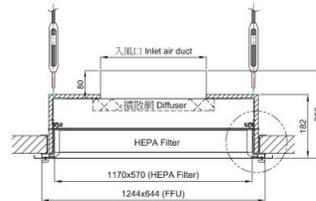


尺寸Dimension W x D x H (mm)	濾網尺寸 Filter Dimension W x D x H	風量Air Volume				初期壓損 Initial P.D (Pa)
		H13		H14		
		CMM	CFM	CMM	CFM	
644 x 644 x 182	570 x 570 x 70	17	587	15	525	249 (25.4 mmH ₂ O)
944 x 644 x 182	870 x 570 x 70	26	913	23	817	
1244 x 644 x 182	1170 x 570 x 70	35	1239	31	1108	
1284 x 674 x 182	1210 x 600 x 70	38	1353	34	1211	

※面風速0.85m/s

※風管尺寸10" (Ø250), 12" (Ø300), 14" (Ø350) 三種可供選擇

There are three type of the air duct collar size of 10" (Ø250), 12" (Ø300), and 14" (Ø350) available as optional.



室內可更換式高效率空氣過濾箱 - 嵌板型

Room Side Replaceable HEPA Filter module Unit - flush mounted ceiling type

室內可更換式高效率空氣過濾箱-嵌板型，配合天花板及懸吊裝置的使用，可直接與風管之軟管組合；本體經陽極處理，濾網含保護網，內部設計，以墊片式或U槽凝膠式濾網配合，且換裝濾網不用工具，可防止二度污染；備有四只吊勾，以固定框架，體積小、重量輕，安裝容易，節省施工時間，適用於無塵室或其它各類1~100,000等級潔淨場所，特殊尺寸及規格可依客戶需求製作

By coordinating with the use of ceiling system & hangers, flush mounted ceiling type Room Side Replaceable HEPA Filter module Unit can connect to air hose directly. And it is equipped with an anodized main body, filter protection face guard. In addition, the design of the internal air plenum is to have a gasket or U channel with Gel sealant inside of it to work as the sealing material between HEPA filter and module main body. So that, there is no any tools needed for HEPA filter replacement and this can protect HEPA filter from being polluted repeatedly. And it is equipped with 4 pieces of hanger so as to fix the module. Moreover, as for its small size, light weight, easy assembling, and saving the time needed for its installation, it can be used for clean room or the other critical clean area which its cleanliness level is between class 1 and class 100,000. Customized sizes and specifications are available to meet customer's requirements.

特徵 Features

效率Efficiency : PAO 99.99%、99.995% at 0.3 μ m

標準Std. : EN1822, Class H13 / H14

使用條件 Operating conditions

耐用溫度 Temperature : 80° C

耐用溼度 Humidity : 100%RH (NO Dew)

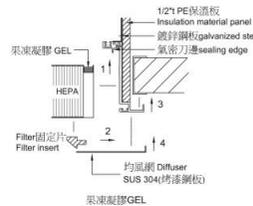
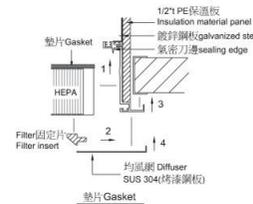
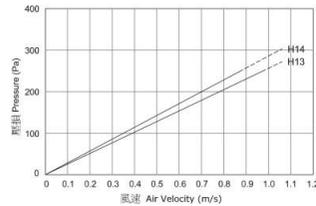
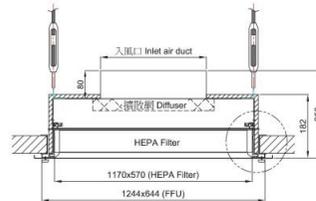


尺寸Dimension W x D x H (mm)	濾網尺寸 Filter Dimension W x D x H	風量Air Volume				初期壓損 Initial P.D (Pa)
		H13		H14		
		CMM	CFM	CMM	CFM	
644 x 644 x 182	570 x 570 x 70	17	587	15	525	249 (25.4 mmH ₂ O)
944 x 644 x 182	870 x 570 x 70	26	913	23	817	
1244 x 644 x 182	1170 x 570 x 70	35	1239	31	1108	
1284 x 674 x 182	1210 x 600 x 70	38	1353	34	1211	

※面風速0.85m/s

※風管尺寸10" (0250), 12" (0300), 14" (0350) 三種可供選擇

There are three type of the air duct collar size of 10" (0250), 12" (0300), and 14" (0350) available as optional.



迷你褶式標準型高效率空氣過濾器
 Mini Pleat Standard Capacity HEPA Filter

特徵 Features

效率Efficiency : PAO 99.99%、99.995% at 0.3 μ m
 標準Std. : EN1822, Class H13 / H14

使用條件 Operating conditions

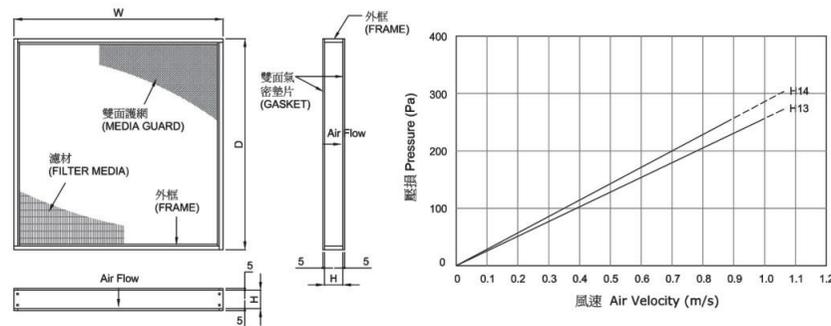
耐用溫度 Temperature : 80° C
 耐用溼度 Humidity : 100%RH (NO Dew)



另有高度70mm可供選擇The height in 70mm is available as an option.

尺寸Dimension W x D x H (mm)	風量Air Volume				初期壓損 Initial P.D (Pa)	最終壓損 Final P.D (Pa)
	H13		H14			
	CMM	CFM	CMM	CFM		
305 x 610 x 50	9	321	8	287	249 (25.4 mmH ₂ O) ※面風速0.85m/s	500 (50.8 mmH ₂ O) ※建議值
610 x 610 x 50	19	677	17	606		
760 x 610 x 50	24	852	22	762		
915 x 610 x 50	29	1033	26	924		
1220 x 610 x 50	39	1389	35	1243		
570 x 570 x 50	7	247	6	216	98 (10 mmH ₂ O) ※面風速0.35m/s	200 (20 mmH ₂ O) ※建議值
1170 x 570 x 50	15	522	13	456		
1170 x 870 x 50	23	811	20	710		
1470 x 720 x 50	24	842	21	737		
1170 x 1170 x 50	31	1101	27	963		

- ※ 特殊尺寸及規格可依客戶需求製作
 Customized size and specification are available to meet customer's requirements.
- ※ 另有凝膠式HEPA可供選擇
 The Gel type of HEPA is available as an option.



迷你褶式標準型超高效率空氣過濾器
 Mini Pleat Standard Capacity ULPA Filter

特徵 Features

效率Efficiency : PAO 99.9995%、99.9995% at 0.12µm
 標準Std. : EN1822, Class U15 / U16

使用條件 Operating conditions

耐用溫度 Temperature : 80° C
 耐用溼度 Humidity : 100%RH (NO Dew)



另有高度70mm可供選擇The height in 70mm is available as an option.

尺寸Dimension W × D × H (mm)	風量Air Volume				初期壓損 Initial P.D (Pa)	最終壓損 Final P.D (Pa)
	U15		U16			
	CMM	CFM	CMM	CFM		
305 × 610 × 50	7	253	6	220	249 (25.4 mmH ₂ O) ※面風速0.85m/s	500 (50.8 mmH ₂ O) ※建議值
610 × 610 × 50	15	534	13	463		
760 × 610 × 50	19	673	17	583		
915 × 610 × 50	23	815	20	707		
1220 × 610 × 50	31	1096	27	950		
570 × 570 × 50	6	216	5	185	117 (12 mmH ₂ O) ※面風速0.35m/s	235 (24 mmH ₂ O) ※建議值
1170 × 570 × 50	13	456	11	391		
1170 × 870 × 50	20	710	17	608		
1470 × 720 × 50	21	737	18	631		
1170 × 1170 × 50	27	963	23	826		

※ 特殊尺寸及規格可依客戶需求製作

Customized size and specification are available to meet customer's requirements.

※ 另有凝膠式ULPA可供選擇

The Gel type of ULPA is available as an option.

