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IDAC
H.V.A.C. Services & AIR Cleaning

高效率空氣過濾箱
HEPA Filter Unit

光電/半導體/電子業/食品/藥廠/生技/醫療業

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
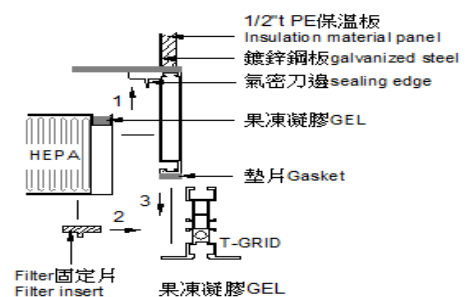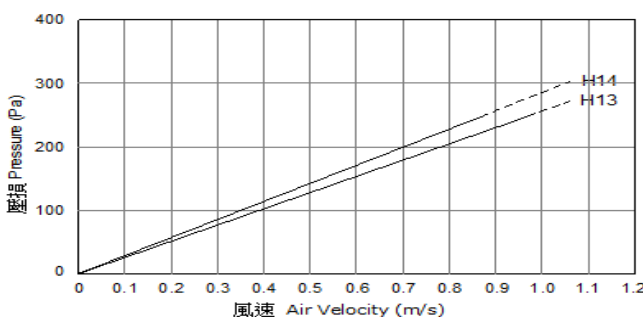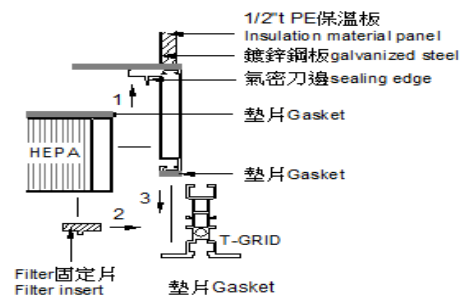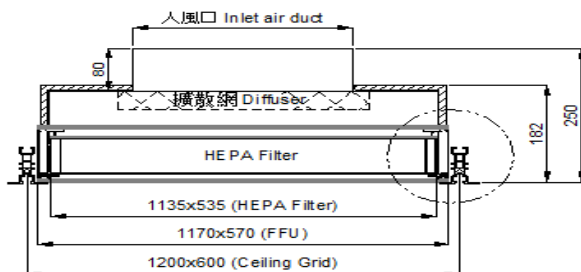標準Std.： EN1822，Class H13 / H14

使用條件Operating conditions

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

尺寸Dimension WxDxH (mm)	濾網尺寸 Filter Dimension WxDxH	風量Air Volume				初期壓損 Initial P.D (Pa)
		H13		H14		
		CMM	CFM	CMM	CFM	
570x570x182	535x535x70	15	513	13	459	
870x570x182	835x535x70	23	818	21	732	249 (25.4 mmH2O)
1170x570x182	1135x535x70	32	1123	28	1005	
1210x600x182	1175x565x70	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"(Ø250)、12"(Ø300) and 14"(Ø350) available as optional.

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室內可更換式高效率空氣過濾箱 – 崁板型
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-崁板型，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 WxDxH (mm)	濾網尺寸 Filter Dimension WxDxH	風量Air Volume				初期壓損 Initial P.D (Pa)
		H13		H14		
		CMM	CFM	CMM	CFM	
644x644x182	570x570x70	17	587	15	525	
9444x644x182	870x570x70	26	913	23	817	249 (25.4 mmH$_2$O)
1244x644x182	1170x570x70	35	1239	31	1108	
1284x674x182	1210x600x70	38	1353	34	1211	

※ 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.