

# HEPA Terminal box holding – HEPA Box Series

## PRODUCT DESIGN :

粉体塗装亜鉛メッキおよびステンレス端子は、1,000~100,000クリーンルームクラスの空気浄化システムの端子フィルター空気供給装置に適しています。HEPAターミナルは、あらゆるメーカーの標準的なフィルターと深さを受け入れるように設計されており、技術者はフィルターを簡単に交換できます。Powdercoated galvanized and SUS terminal are suitable for terminal filter air supply device of 1,000 to 100,000 cleanroom class air purification systems. HEPA terminal are designed for using to accept any standard filters and depths from any manufacturer, Technician will easy to replace filter.

## PRODUCT DESCRIPTION :

- Reasonable design of diffuser plate hole to ensure jet speed and prevent eddy current.
- Body made of high quality material and surface electrostatic spray. Strong and durable structure for extremely environment using.
- Easy to installation and replace air filters.

## APPLICATIONS :

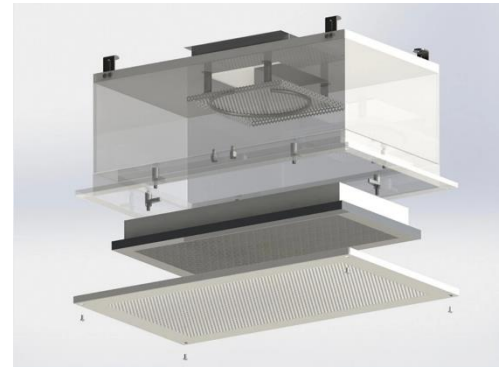
クリーンルームエアフィルターとしてターミナルフィルターエア供給用エアダクトを設置するために使用します。病院、電子工業、粒子制御製造プロセスでのインストール。

Using to install with air duct for terminal filter air supply as cleanroom air filter. Installation with Hospital, Electronic industry, Particle control production process.

## MATERIAL DESCRIPTION :

| ITEM LIST            | STANDARD                             | OPTIONAL  |
|----------------------|--------------------------------------|---|
| Housing Material     | Galvanized steel                     | SUS - Stainless 304 Grade                             |
| Material Coating     | Electrostatic powder coating         | -   |
| Air Grill down steam | Diffuser plate hole ensure jet speed | SUS – Diffuser plate front cover to prevent corrosion |
| Gasket Material      | -                                    | Dry seal filter                                       |
| Inlet Collar         | Dia. 12" (300 mm.)                   | 10" (250 mm.) / Square connector with square duct     |
| Damper type          | -                                    | Manual damper   |
| Insulator            | -                                    | 5 – 10 mm. Insulator cover housing                    |
| Moisture resistance  | 100% resistance                      | -   |
| Welding process      | -                                    | Available with SUS welding process                    |
| Chemical resistance  | -                                    | 316-SUS grade chemical resistance on request          |
| Housing size         | 24"x24" and 24"x48"                  | Available any special size on request                 |
| Testing port         | -                                    | Include DOP testing port                              |

\*All of item are include leak test process according to EN1822 by production dept.



## FILTER CLASS :



## FEARURES :



**Vilberg**  
THE ULTIMATE OF AIR FILTERS

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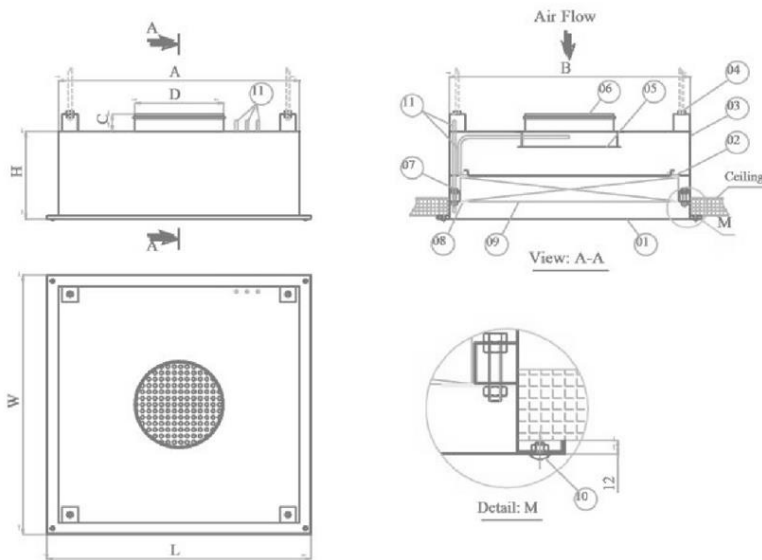


ISO 9001:2015  
CERTIFY NO. HK03/0251



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NOTE  
SC: Standard Capacity  
HC: High Capacity

| No. | NAME  | MATERIAL      | NOTE |
|-----|---|---------------|------|
| 01  | Air pressure tube for Leak test and manometer |               |      |
| 02  | Fix Punched face                              | Sus (M6x15mm) |      |
| 03  | Hepa filter                                   | H10 - U15     |      |
| 04  | Fix filter                                    | Sus, CT3      |      |
| 05  | Bolt M8                                       | Sus, GI       |      |
| 06  | Collar  | Sus, CT3      |      |
| 07  | Dividing air                                  | Sus, CT3      |      |
| 08  | Handle ring                                   | Sus, GI       |      |
| 09  | Housing                                       | Sus, CT3      |      |
| 10  | Gasket  |               |      |
| 11  | Punched face                                  | Sus, CT3      |      |

## INFORMATION

### SPECIFICATION :

| MODEL           | Cabinet Dimension | Filter size      | Cabinet Housing             | Rated air flow |          | Weight (Kg) |
|-----------------|-------------------|------------------|-----------------------------|----------------|----------|-------------|
|                 | W x L x H (mm)    | w x l x h (mm)   | A x B / Inlet Dia. x C (mm) | CMH / SC       | CMH / HC |             |
| HTB – 2424PCH03 | 740 x 740 x 250   | 610 x 610 x 69   | 675 x 675 / Ø300 x 50       | 600            | 1200     | 30          |
| HTB – 2448PCH03 | 740 x 1350 x 250  | 610 x 1220 x 69  | 675 x 1285 / Ø300 x 50      | 1200           | 2400     | 50          |
| HTB – 2424PCH06 | 740 x 740 x 350   | 610 x 610 x 149  | 675 x 675 / Ø300 x 50       | 600            | 1200     | 35          |
| HTB – 2448PCH06 | 740 x 1045 x 350  | 610 x 915 x 149  | 675 x 980 / Ø300 x 50       | 1500           | 2500     | 50          |
| HTB – 2448PCH06 | 740 x 1350 x 350  | 610 x 1220 x 149 | 675 x 1285 / Ø300 x 50      | 2000           | 3400     | 55          |
| HTB – 2424PCH12 | 740 x 740 x 550   | 610 x 610 x 292  | 675 x 675 / Ø300 x 50       | 600            | 1200     | 35          |

\*Custom size / special thickness on request

### PRODUCT PIC :



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