

## Powder Conveying and Dust Collecting System /All Kinds Of Plate Type Filter 粉體輸送/集塵設備/各式板式濾網



Filter mesh of the  
barrel-top  
**桶頂板式濾網**

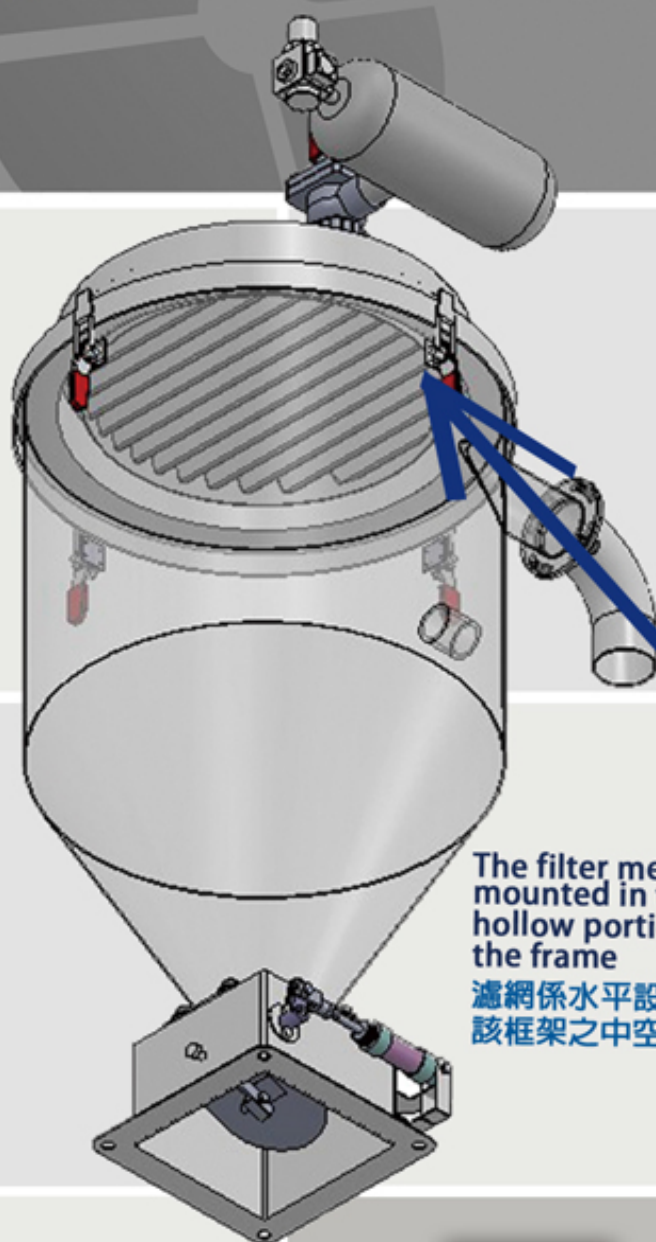
Brand-New Function  
新功能

New Patent  
新型專利

## Round Negative-Pressure Tank

圓形負壓桶

**GF-450-EA**



The filter mesh is mounted in the hollow portion of the frame  
濾網係水平設置於該框架之中空部



濾網專利號碼: M520934  
Filter Patent Number:  
M520934

## Filter mesh of the barrel-top 桶頂板式濾網

Newly Designed!  
Brand-New Product!  
新研發!  
全新產品!

Weight: 1.64kg  
重量1.64kg  
輕盈好拿取



波形間格  
Waveform  
Shaping



Space can be  
shortened  
所占空間可縮減

The porous corrugated  
material with  
PE sintering  
PE燒結之多孔性浪板設計

# GR-EA

### FEATURES:

- The filter mesh in the barrel top occupies less space and height than the old negative pressure barrel.
- The chance for powder to float inside the barrel is fewer and increase air volume.
- The filter mesh will not get clogged.
- The filter mesh will not get elastic fatigue.
- The filter mesh can be installed with a variety of models.
- The filter mesh easy to clean up and don't need to replacement often.
- The service life of filtrating element may vary with powder kinds. Normal service life is approximately 2-5 years.

### 特點：

- 濾網在桶內頂端比舊式負壓桶內，較不占空間與高度。
- 粉體進入桶內上飄率較少，增加出風量。
- 濾網不彈性疲乏且不阻塞。
- 可配合各式的機種安裝。
- 好清理，不需常換網。
- 逆洗時不卡網。
- 濾材使用壽命依粉塵種類而定、通常壽命約2-5年。

## Powder Conveying Filtrating Tank (Built-in filter plate)

粉體輸送過濾桶 (內裝板式濾網)

### GF-600-A3

#### 特點：

- 負壓式粉體輸送過濾桶，有效防止粉體外洩造成工作環境污染。
- 內置先進板式濾材、可過濾極細微粉塵 $10\mu\text{m}$ 。
- 設有氣壓逆洗確保不阻塞。
- 內置濾網可放置二-四片。
- 濾材使用壽命依粉塵種類而定、通常壽命約2-5年。
- 桶身材質：304# 不鏽鋼。

For installing on the negative-pressure powder and granule conveying and filtrating system

安裝在粉粒體負壓輸送過濾系統



#### FEATURES:

- The powder filtration device is a negative- pressure design that effectively prevents powder splash、resulting in environmental pollution.
- Equipped with advanced plate type filtrating element, allows for filtrating extra-fine particle up to  $10\mu\text{m}$ .
- Designed with pneumatic type reversed cleaning function to avoid blocking.
- Available to fit with 2 ~ 4 pieces of filtrating screen.
- The service life of filtrating element may vary with powder kinds. Normal service life is approximately 2-5 years.
- Material of filtration tank: 304 stainless steel.

## Dust Collector (Built-in German-made filter plate)

集塵機(內裝德製板式濾網)

GH-D

### 燒結板式濾材之優點:

- 以PE塑材燒結而成的板式濾材，堅固耐磨損。
- 斷面結構採蜂巢型設計，過濾面積大而無死角。
- 粉塵分離效率高，因而出口含塵濃度可達  $< 1\text{mg}/\text{M}^3$  (依German TA Air Standard)
- P.T.F.E 表面塗裝、孔隙  $2-3\mu\text{m}$ ，可過濾極微細粉塵，配合氣壓衝逆洗，保持穩定差壓。
- 使用壽命長，因粉塵而異，操作時間約2- 5年。
- 以PE燒結濾板製作之集塵機所佔面積約為傳統袋式集塵機之40%。



### Field Installation 現場安裝



### Advantages of Sinter-plate Filters:

- PE sinter-plate filters features rigid and no abrasion.
- Compact construction thanks to extended-surface matrix.
- High separation efficiency results at low particulate level in clean gas  $< 1\text{mg}/\text{M}^3$  measured to German TA Air standard.
- Surface filtration with PTFE coating ( $2-3\mu\text{m}$  opening) and the automatic jet-pulse cleaning of filter elements keep a constant pressure drop and clean gas values.
- Long useful life, ab. 2-5 operation years respectively.
- 2.5 times less space required than for conventional bag filter house.



### The backwash effect 逆洗效果

High pressure plate-type dust collector  
(automatic backwashing system)

高壓板式集塵機 (自動逆洗系統)



**GH-B**

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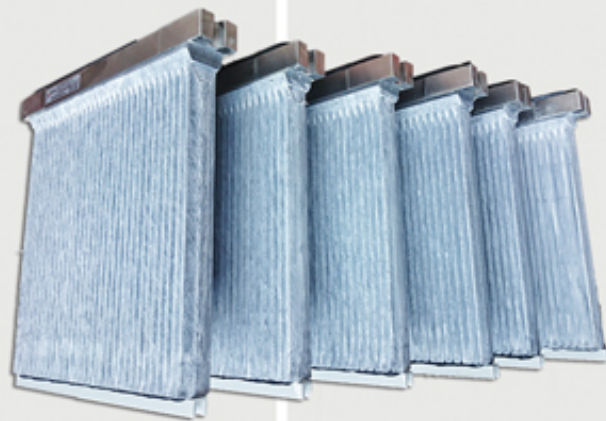


## All Kinds Of Plate Type Filter

各式板式濾網

### GR-EC

Filter  
(Made In Germany)  
德製濾網



### GR-EB

Filter  
(Made In Taiwan)  
台製濾網

### GR-EA

Filter mesh of the  
barrel-top  
桶頂板式濾網





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