



綠能節源
GREEN ENERGY



使用年限長
LONG SERVICE LIFE



高效率
HIGH EFFICIENCY



THE PERFECT CRAFT OF FILTER





PERPETUAL FILTER^{MIT} 長效性濾材

FILTER AIR INNOVATION TECHNOLOGY 創新技術

Fanno specializes in the research and development, design, manufacturing, and application of sinter-plate filters. The lowest differential pressure and clean gas values, absolutely constant operating conditions, highest filter efficiency, and energy efficiency are key features of the Fanno[®] filter innovative technology.

Excellent separation technology increases directly your productivity and reduces costs.

Our advanced sinter process ensures that the extreme durability and high quality of the Fanno[®] filter are continued to be met.

High reliability and stability in the widest range of application.

盈詮科技致力於燒結過濾材料的開發設計、製作與應用。

超低的壓差和空氣逆洗壓力、絕對恆定的操作條件、最高的過濾效率和能源效率是 Fanno[®] 過濾器創新技術的主要特點。

卓越的分離技術將直接提高您的生產力並降低成本。

我們先進的燒結工藝確保 Fanno[®] 過濾器持續滿足極端耐用性和高品質。在最廣泛的應用範圍內具有高可靠性和穩定性。

THE PERFECT CRAFT OF FILTER 極致工藝

The Fanno® filter has distinct technology in processes that are based on a pure surface.

-Micro-Powder Layer: Micro-powder mix with a rigid body and sintered to a protective layer. **NO PTFE COATING.**

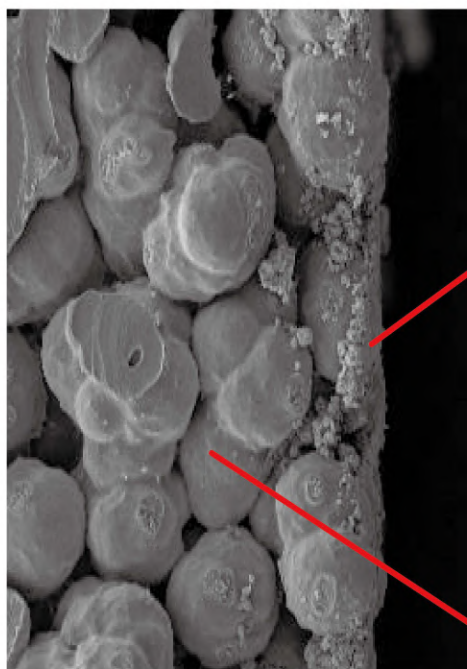
Those layers isolate the powder completely at the surface and do not penetrate into the sintered body. So the filter does not clog with powder.

The filter matrix micropores are more uniform, the air permeability is better, and the consumption of compressed air can be reduced to achieve effective energy saving. In addition, the high mechanical stability of the material ensures long service life

Fanno®過濾技術擁有純表面過濾的先進燒結工藝。

微粉表層：微細粉末與剛體混合燒結而成為一層保護層。無 PTFE 噴塗。

它們可在表面完全地隔絕粉末，不會滲透到燒結體中，所以它不會堵塞濾材。過濾基質中的微孔更加均勻，透氣性更好，可減少壓縮空氣的消耗，達到有效節能的目的；此外，該材料的機械穩定性高材料確保較長的使用壽命。

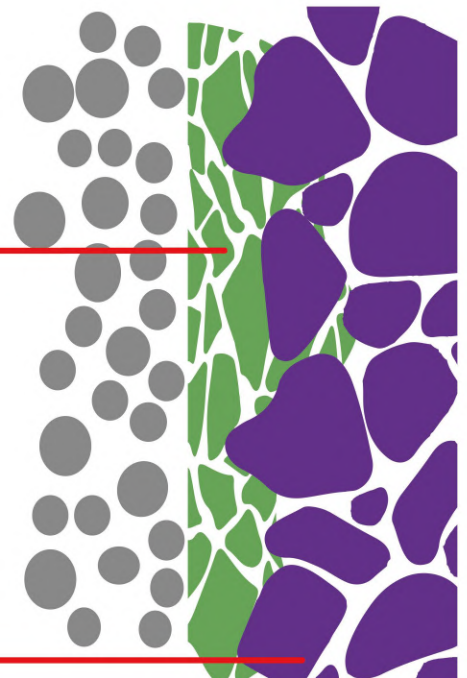


SURFACE

**Micropowder layer
layer homogeneously
in the filter surface**

FILTER MATRIX

**Compact rigid body
Sintered PE
(polyethylene)
and uniform
micropores**





FANNO adheres to the mission of environmental protection and produces green filters without polluting the environment (no PTFE 、 heavy metal free). Enables absolutely and contamination-free material recovery, and sustainably protects against harmful production emissions.

Innovative technology enables filters to have the lowest differential pressure and clean gas values, absolutely constant operating conditions, and the highest filter efficiency. FANNO[®] filter can be made energy-saving and cost-reduction.

FANNO堅持環境保護的使命，生產不污染環境的綠色過濾器（不含PTFE、不含重金屬）。

實現絕對無污染的材料回收，並且可持續地防止有害物排放。

創新技術使過濾器具有最低的壓差和清潔氣體值、絕對恆定的操作條件以及最高的過濾效率。 FANNO[®]過濾器可以做到節能與降低成本。



CONTINUOUS TEMPERATURE
UP TO 70~110°C
連續運行，耐溫70~110°C



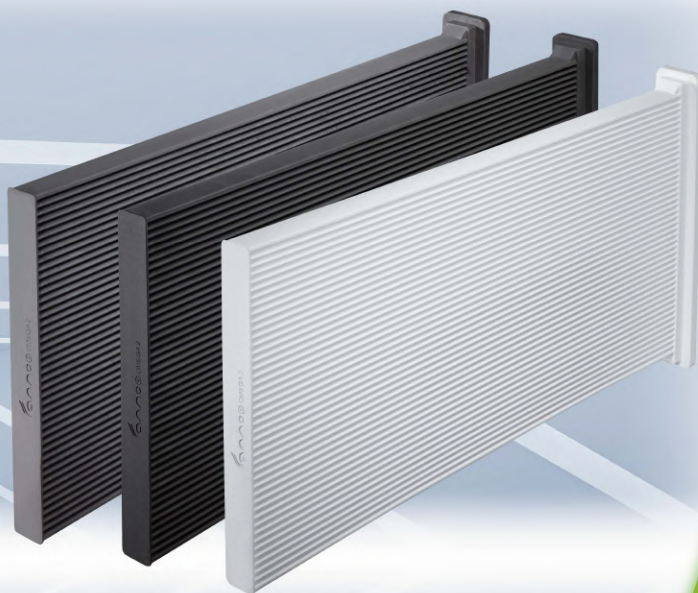
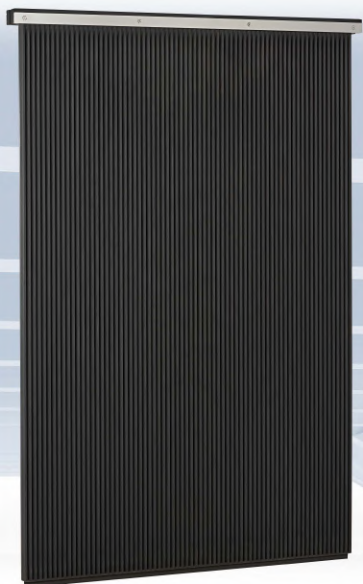
HEAVY METAL
FREE
不含重金屬



HIGH EFFICIENCY
AND LOWER COSTS
高效率 降成本



PURE AIR
無污染



	Type	Length (mm)	Width (mm)	Height (mm)	Filter area (m ²)	Residual dust content (mg/Am)	Operating temperature up to max (°C)	Electric resistivity (Ω)
OMEGA R	1	Φ145		1500	1.8m ²	<0.1	Max.70°C	<10 ⁸ Ω
	2	Φ250		1500	9 m ²			
		Φ350			13.5m ²			
OMEGA	1	566	80	1500	4.75m ²	<0.1	Max.100°C	<10 ⁸ Ω
	2	630	108	1210	4.5m ²			
	3	515	51	1210	2.8m ²			
	5	566	77	1500	3.75m ²			
	6	1046	62	1555	7.6m ²			



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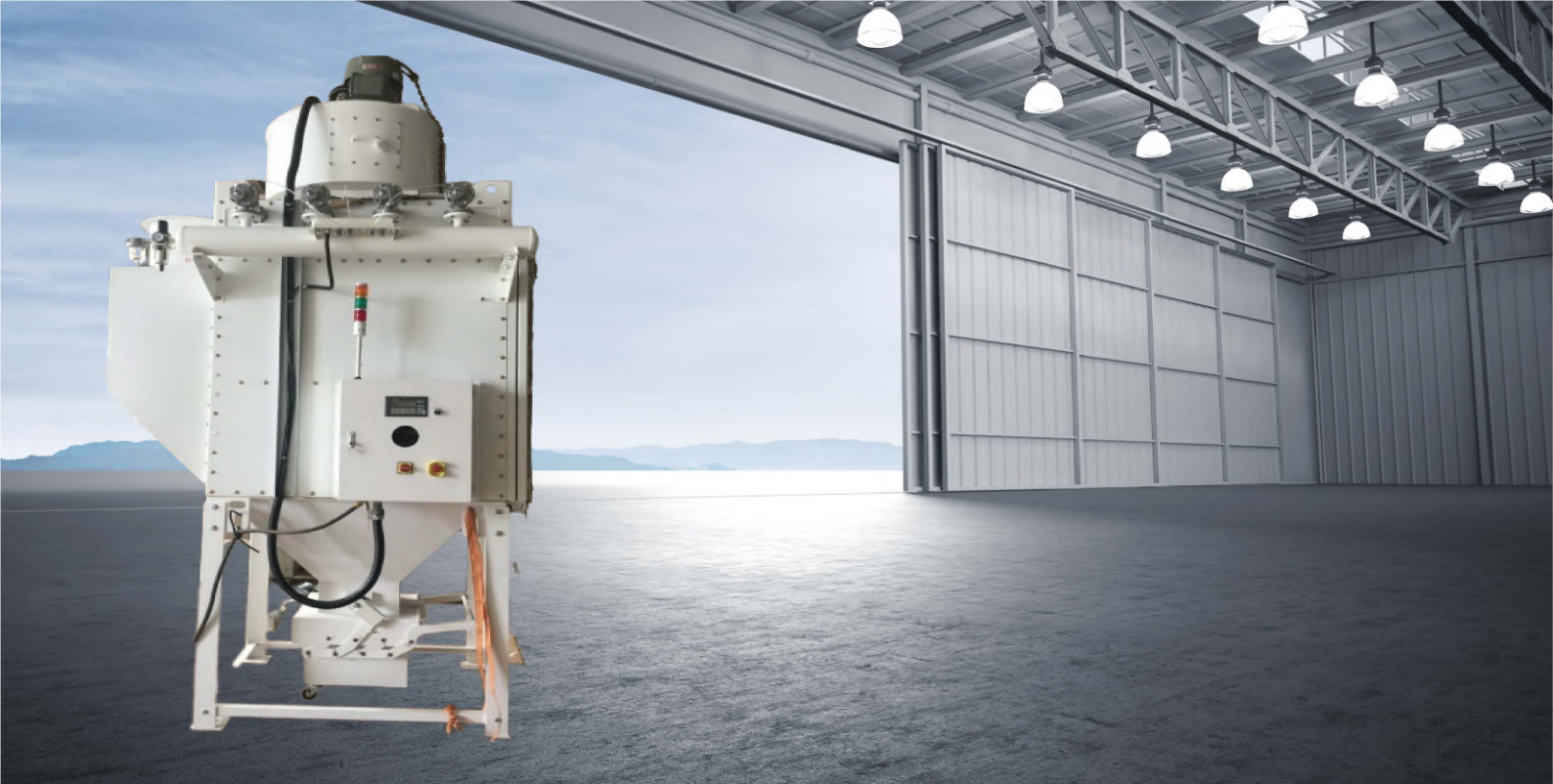
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ACID AND ALKSLI
RESISANT
耐酸鹼



ZERO EMISSION
零排放



DIRECTION OF INSTALLATION 安裝方式

Depending on the individual application and process requirements, horizontal or vertical installation is possible.

可根據結構不同來設計規劃, 通常分為: 水平安裝/垂直安裝

	OMEGA	OMEGA-R
Vertical	✓	✓
Horizontal	✓	✓
Clean gas side	✓	✓
Raw gas side	✓	✓

The installation of the filter from the raw gas side must be equipped with corresponding accessories.



Clean gas-side installation
Vertical



Raw gas-side installation
Vertical



Clean gas-side installation
Horizontal

APPLICATIONS 應用領域

Widely used in petrochemical industry, steel industry, chemical industry, boiler industry, electronics industry, food industry, battery, minerals industry and so on.

廣泛應用在石化業、鋼鐵業、化工業、鍋爐業、電子業、食品業、鋰電池、礦產業等等。



PURIFY THE AIR
ENERGY SAVING



FANNO TECHNOLOGIES CO., LTD
盈詮科技股份有限公司

No. 105, Baozhong 1st St., East Dist.,
Chiayi City 600 , Taiwan (R.O.C.)
嘉義市東區保忠一街105號

 886-5-2765858

 info@fanno-tech.com

