

# Chemical Air Filter

## CAFILDEX® SW series

**CAFILDEX® SW series** is EcoPro HN's latest technology intensive panel type product that creates multiple layers of media. Its name originated from '**SW**' stands for **SandWich** in the production method.

**SW** Media is composed of multiple layers and has the advantage of being able to control two or more complex gases.

In addition, the frame material and target gas can be customized considering the customer's request and site, making it a product with high customer satisfaction.

**CAFILDEX® SW series** has less pressure loss with higher removal efficiency and longer lifespan compared to existing products from our company and other competitors. It is excellent that energy saving effects can be expected in operation.

It is **applied** to all fabs and laboratories that require fine processing such as semiconductors and displays. It can be custom designed and applied to various parts such as external air conditioning unit, circulator, FFU, EFU, DCC, etc.

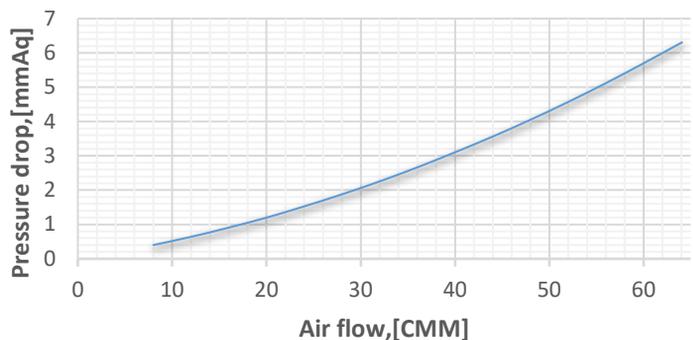
The thickness and size of the filter are determined according to the structural conditions, and specifications such as expected filter lifespan and differential pressure are provided depending on the operating conditions (Air volume, and Target gas concentration)



### Configuration for **FAB**

Standard Size	572*1167*150T (Custom design Available)
Air Volume	16~62CMM (Max. 1.56m/s)
Target Gas	NH <sub>3</sub> , Amines Acid(HF, HCl, Cl <sub>2</sub> , NO <sub>x</sub> , SO <sub>x</sub> , H <sub>2</sub> S) VOCs(Toluene, PGMEA, Siloxane) O <sub>3</sub>
Frame Material	Galvanized, Aluminum, SUS, etc
Application	FFU, EFU

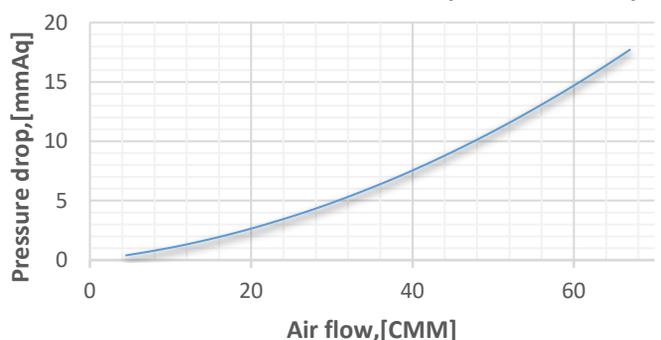
### **FAB** Differential Pressure (572\*1167\*150)



### Configuration for **HVAC**

Standard Size	610*610*150T (Custom design Available)
Air Volume	55CMM (Max. 2.5m/s)
Target Gas	NH <sub>3</sub> , Amines Acid(HF, HCl, Cl <sub>2</sub> , NO <sub>x</sub> , SO <sub>x</sub> , H <sub>2</sub> S) VOCs(Toluene, PGMEA, Siloxane) O <sub>3</sub>
Frame Material	Galvanized, Aluminum, SUS, etc
Application	OAC, AHU, MAU

### **HVAC** Differential Pressure (610\*610\*150)



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The thickness and size of the filter are determined according to the structural conditions, and specifications such as expected filter lifespan and differential pressure are provided depending on the operating conditions (Air volume, and Target gas concentration)



### Scope and Configuration

Size	FAB	572*1167*150T (Custom design Available)
	HVAC	610*610*150T (Custom design Available)
Air(V)	FAB	16~62CMM (Max. 1.56m/s)
	HVAC	55CMM (Max. 2.5m/s)
Target Gas	NH <sub>3</sub> , Amines Acid (HF, HCl, Cl <sub>2</sub> , NO <sub>x</sub> , SO <sub>x</sub> , H <sub>2</sub> S) VOCs (Toluene, PGMEA, Siloxane) O <sub>3</sub>	
Frame	Aluminum, Galvanized, SUS etc	
Application	FFU, EFU, OAC, AHU, MAU	

### Differential Pressure

