Why Choose
Oji's CD filter ?

OJI
Beyond the Boundaries

KEY FEATURES

1 +15,000,000 filters

Our company, Oji Paper group, has more than 145 years of history and is the largest paper manufacturer in Japan. Since launching our CD (Coated deodorizing) filter business in 2011, we have shipped more than 15 million CD filters to the air purifier market. Currently, we do business with more than 50 companies around the world and produce over 2,000,000 CD filters per year.

2 Unique Filter Material with Excellent Dimensional Stability

Our CD filters are made up of a unique material, which is special glass fiber paper we produce in Japan. Even though the paper is thin and lightweight, thanks to its unique material properties, the paper has excellent dimensional stability.

3 Larger Surface Area and Lower Pressure Loss

Our CD filters have a honeycomb corrugated structure with a larger absorption surface area for high deodorizing performance. The pressure loss is quite low due to the highly accurate cutting process used to make our glass fiber paper.

4 Flame Retardant with High Deodorization

The flame retardancy and deodorizing performance of our CD filters are enhanced not only by the glass fiber paper' s properties but also by sophisticated processing technology.

5 Customizable & Cost Competitive CD Filters

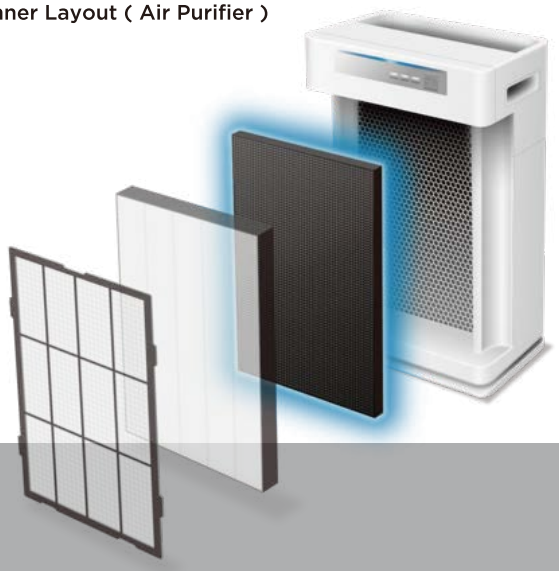
In order to meet the requirements of customers throughout the world, we have developed customized CD filters that are cost competitive while performing at the highest levels.

Additional Customized Functions

①Deodorizing
②Antibacterial, Antifungal
③Fire resistance
④Ozone destruction
⑤Allergen reduction
⑥Photocatalytic

Carbon Type

Inner Layout (Air Purifier)



Features & Specifications of Oji's CD filter

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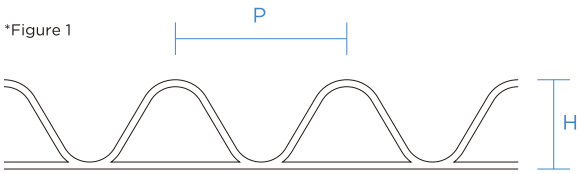
1) Cell dimensions

	CH33	CH20
The number of cells	70	120
H (mm)	3.3	2.0
P (mm)	5.9	5.0

*Refer to Figure 1

*Figure 1

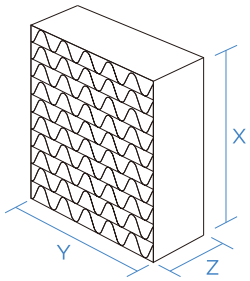


2) Customized to fit- scalable and flexible

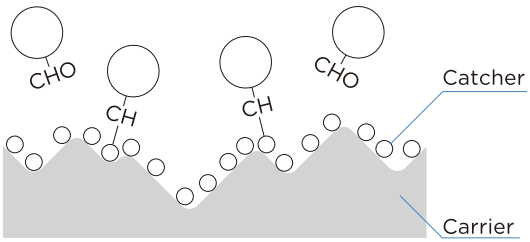
(mm)	X	Y	Z
Maximum	800	475	25
Minimum	50	20	1.5

*Refer to Figure 2

*Figure 2



3) Filter photo enlarged by microscope

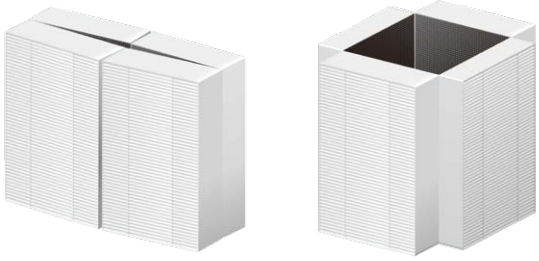


4) Filter Variation

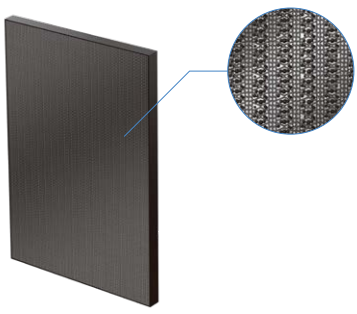
Color Filter

Expandable Filter

Quadruple-stranded filter



X Flute + Activated Carbon Filter



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