

"TWINTOLON™" with integrated dust and deodorant filters High weight deodorization filter without compromising air flow!

Effectively remove food and pet odors and life odors

"I have more time to spend at home due to pandemic and I'm getting worried about smells that I haven't cared about."

That was the high lighted opinions on the survey company X conducted. So, they started to design a new high-end model to meet those requirements. At the same time they had the other survey about competitor's air purifier on same product region. And they found that they were designed focusing on dust removal performance as they have dust removal and deodorization filter.

In response, Company X rushed to develop a new concept air purifier for general household odors, such as dietary and pet odors, besides tobacco odor that had been emphasized in the past.

Mr. I, who belongs the product development Dept. said "After our trials for prototype, we found that increasing the wight of deodorant layer results in a trade-off with air permeability. The great loss of air filtration was fatal for air purifier, we definitely had to avoid the worst case comes." (Mr. I of the Product Development Department)

Mr. I consulted with several filter manufacturers. And then, he met "TWINTOLON™" and was fascinated by the product proposed by TOYOBO MC, which was the latest filter that integrated dust removal filter and deodorization filter. In the end, Company X decided to select "TWIONTLON™" for a filter media.

By integrating the filter, "TWINTOLON™" can load a large amount of deodorizing material without compromising air permeability. As a result, it can effectively remove odors such as food and pet odors.

This time, They customized the shape and processing to maximize the effect, based on "TWINTOLON™". After prototyping and validating, they finally succeeded in increasing the deodorant effect more than four times as traditional.



TWINTOLON™

"TWINTOLON™" is a filter media with both the both deodorization and dust removal performance. In addition to the options of deodorization performance and additional function, the combination of high efficiency filter media "ELTOLON™" can meet the further demands for higher performance.