

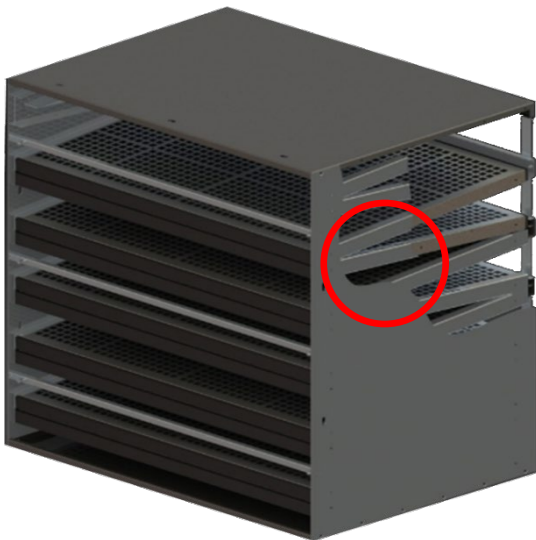
Chemical Air Filter CAFILDEX® TY series

CAFILDEX® TY series is manufactured by filling a tray with filter media. The filter media is designed to suit the gas and concentration to be removed, mainly impregnated activated carbon and alumina.

TY series is the basic air conditioning size: 610*610*450T based on the product, 12 trays of 420*600*23T are installed in a zigzag V-Shape, and maintenance only requires replacement of the tray.



Additionally, the frame material is usually based on SUS, which is resistant to corrosion, but can be custom designed as well.



CAFILDEX® TY series is installed in a V-Shape to increase the cross-sectional area, resulting in low pressure loss and excellent removal efficiency and lifespan.

It can be **applied** to all fabs and laboratories that require fine processes such as semiconductors and displays, and can be custom-designed and applied to various HVAC system such as outdoor air conditioners and circulators.

The size of the filter box and tray is determined according to space conditions. We provide specifications such as expected filter life and differential pressure depending on operating conditions (Air volume and Target gas concentration).

Scope and Configuration

Size	610*610*450T (Custom design Available)
Air Volume	55CMM (Max. 2.5m/s)
Target Gas	NH ₃ , Amines Acid (HF, HCl, Cl ₂ , NO _x , SO _x , H ₂ S) VOCs (Toluene, PGMEA, Siloxane) O ₃
Frame	Galvanized, SUS, etc.
Application	OAC, AHU, MAU

Differential Pressure

