

# Terminal Filter Housing

The High-Efficiency Air Outlet serves as the "lungs" of a cleanroom, delivering a continuous supply of sterile, particle-free air through high-efficiency filters to create and maintain a high-cleanliness environment. It is widely used in pharmaceuticals, operating rooms, IC manufacturing, and any others with stringent air cleanliness requirements.

## Product Features

- Combines filtration and airflow equalization in a unified design
- HEPA/ULPA filters (H14/U15) with  $\geq 99.995\%$  efficiency
- Low pressure drop design, typical resistance  $\leq 220$  Pa for energy savings
- Optional air supply plenum & diffuser to ensure uniform airflow distribution
- Powder-coated carbon steel structure for easy suspension and maintenance
- Quick-release clamp installation, compatible with cleanroom ceiling systems

## Standard Configuration

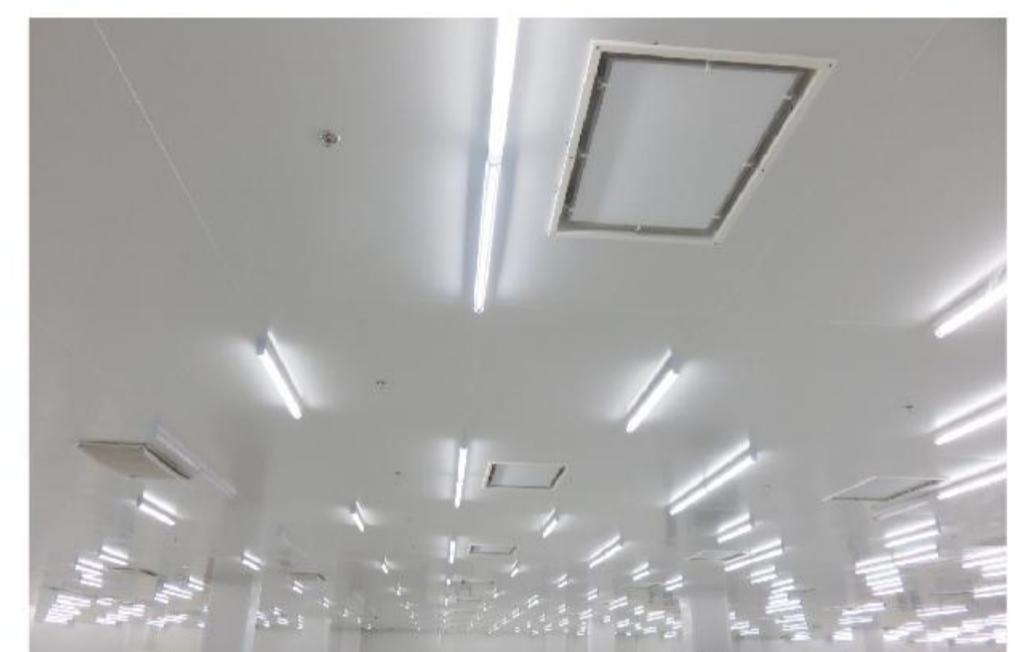
- SUS304/SUS304L brushed stainless steel plate
- Brand HEPA filter
- Microcomputer-based control
- Brand HMI
- Brand low-noise centrifugal fan

## Optional Configuration

- Digital Unit

## Product Highlights

- The digital device monitors the airflow at the outlet of the High-Efficiency Air Outlet, communicates in real-time with the BMS, and enables precise airflow control to maintain environmental stability



## Standard Models & Technical Parameters

Model	HEPA Filter Dimensions (mm)	Casing Dimensions (mm)	Connection Size (mm)	Airflow (m <sup>3</sup> /h)	Cutout Dimensions (mm)
BFK-050050	420x420x93	480x480x250	200x200	500	490x490
BFK-063063	570x570x93	630x630x250	320x200	1000	640x640
BFK-070070	635x635x93	695x695x250	320x250	1250	705x705
BFK-076076	700x700x93	760x760x250	320x320	1500	770x770
BFK-085085	790x790x93	850x850x250	400x320	2000	860x860