



SSLFHFD-CLCD – Louvered Face HEPA Filter Diffuser



The SSLFHFD-CLCD is designed to allow large volumes of HEPA-filtered air to be supplied to the space in a 4-way cross-flow air pattern. These diffusers can handle an unusually large amount of filtered air for a given pressure drop and noise level. Featuring tool-less, auto-centering filter retainer clips, the SSLFHFD-CLCD reduces the amount of time and effort required to remove and install filters. This decreases the time a laboratory or other critical environment room is out of commission, allowing facilities to maximize profitability and/or patient care.

Applications

Hospital operating rooms, research laboratories, animal laboratories, food processing plants, pharmaceutical laboratories and protective environment rooms.

STANDARD FEATURES

- Type 304 stainless steel construction
- #4 satin polished finish
- 4-way concentric louvered face
- Easily removable face for cleaning; secured by 1/4 turn fasteners and safety cables to prevent accidental dropping
- Round duct inlets for simple duct connection
- Built-in, adjustable damper disc for even air distribution and field balancing
- Integral damper with screwdriver slot adjustment is easily accessed room-side
- 2" HEPA (99.99% on 0.3 microns) or 2" ULPA (99.9995% on 0.12 microns) filter with room-side access
- Filters have clear anodized extruded aluminum frame with test port for damper adjustment, filter pressure drop measurement or to perform leakage (scan) tests
- Filters packed independently from diffuser for final installation in field
- Integral earthquake hanger tabs
- Compatibility with lay-in t-bar ceiling systems and surface-mount applications

OPTIONAL FEATURES

- Type 316 stainless steel construction
- Aluminum construction
- Antimicrobial epoxy powdercoat finish options
- Alternate damper options: butterfly or bowtie damper – both available with remote cable (as an option)
- PAO challenge system with (2) 1/2" pressure ports for static pressure and leak testing
- HEPA-lert indicator lamp for filter change needed to ensure optimal performance
- Foil backed insulation with (2) available sizes: 1.5" or 2.25"

