RETURN AIR GRILLE

Return air grilles are specifically engineered for the efficient collection and, when necessary, filtration of return air. These grilles are mounted at the lower parts of side panels within controlled environments. They can be produced with or without filters, according to needs. The system consists of a suction box, grille housing, and return air grille. The grille cover features ball joints and spring-loaded filter clamps, allowing for easy removal and reattachment from within the space.

Applications

- Life science
- Microelectronics
- Laboratories
- Food and Beverage Industry

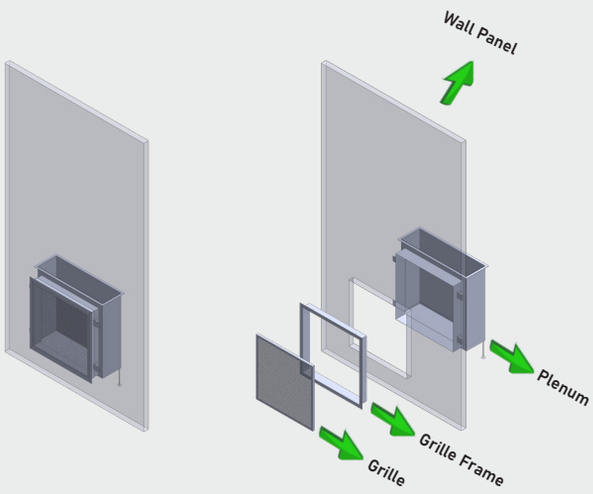
Highlights

- **Efficient Air Collection:** Optimized for the effective collection and filtration of return air, ensuring a clean and controlled environment.
- **High-Quality Material:** Manufactured using 304SS or 316SS, providing durability and resistance to corrosion.
- **Customizable Options:** Available with or without filters, and can be customized with one or two-stage filtration systems as per the requirements. Designed to accommodate HEPA filters if needed.
- **Easy Installation and Filter Replacement:** Designed for easy installation at the lower parts of side panels. The grille cover features ball joints and spring-loaded filter clamps, allowing for quick removal and reattachment for filter replacement.
- **Low Pressure Loss:** Large effective area minimizes pressure loss, enhancing overall system efficiency.
- **Aesthetic Design:** Grid structure provides an aesthetic appearance while maintaining functionality.
- **Versatile Applications:** Suitable for various controlled environments, including clean rooms, laboratories, and industrial settings.

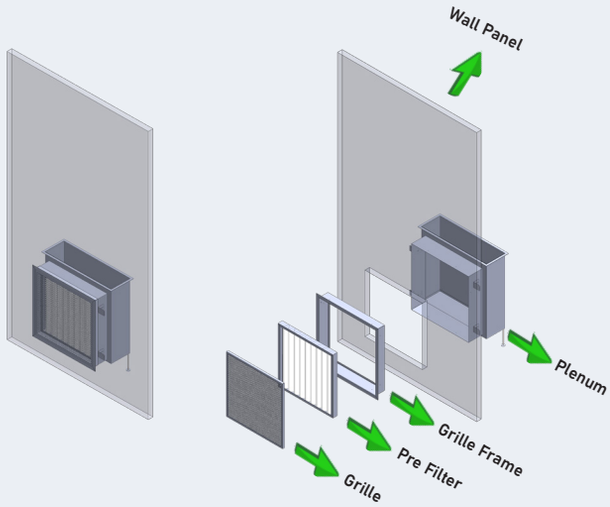


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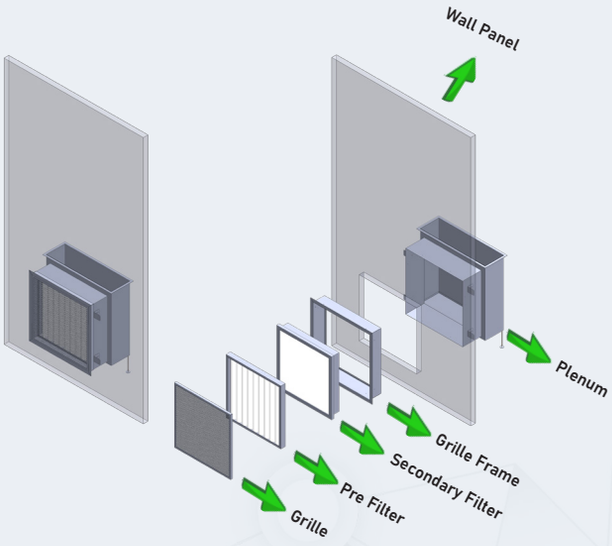
Non-Filtered Return Air Grille System



1 Stage Filtered Return Air Grille System



2 Stage Filtered Return Air Grille System



2 Stage Filtered Return Air Grille System (Suitable for HEPA Filter)

