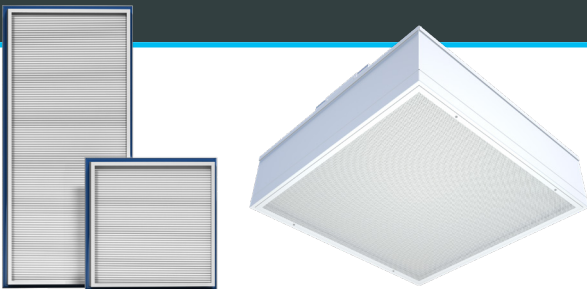


# ELEVATING SEMICONDUCTOR MANUFACTURING

For more information, visit [KeystoneCleanAir.com](https://www.KeystoneCleanAir.com)

From wafer fabrication to microelectronics assembly, Keystone® Clean Air Solutions is your partner in uncompromised air purity, efficiency, and contamination-free semiconductor production.



## Solving the Biggest Challenges in Semiconductor Manufacturing

**Submicron Particle Control** - HEPA & ULPA filtration removes 99.9995% of airborne contaminants, ensuring a pristine wafer fabrication environment.

**Electrostatic Discharge (ESD) Protection** - Our air filtration systems integrate with cleanroom protocols to minimize ESD risks that can damage sensitive microelectronics.

**Advanced Laminar Flow Technology** - Achieve uniform airflow distribution, reducing turbulence and preventing particle disturbances in photolithography and etching processes.

**Energy-Efficient Cleanroom Solutions** - Low-pressure-drop filtration maximizes airflow efficiency, reducing operating costs without compromising air quality.

**Custom Engineered Ceiling Systems** - Seamlessly designed to support cleanroom filters, lighting, and airflow grids, enabling a modular approach to contamination control

## Built for the Semiconductor Industry

**Supports SEMI F21 Section 6.3 Goals** - Our silicone-free HEPA and ULPA filters help reduce molecular condensables, aligning with the cleanroom requirements outlined in SEMI F21 Section 6.3.

**Designed for Lithography, Etching & Wafer Fabrication** - Our tailored filtration solutions protect every stage of semiconductor processing.

**Proven in High-Precision Environment** - Trusted by leading semiconductor foundries and cleanroom designers to maximize yield and eliminate defects.

**Scalable Solutions for Advanced Node Technologies** - Supporting sub-10nm chip production and emerging semiconductor fabrication technologies.