

# AstroSafe® G

## Bag-In/Bag-Out Containment

### FOR PARTICULATE AND GAS FILTRATION

#### Benefits

- **Protects Operators** – Eliminates direct contact with contaminated filters during change-out
- **Ensures Compliance** – Meets stringent nuclear and critical environment standards
- **Provides Design Flexibility** – Configurable connections fit a wide range of system needs
- **Maintains Airtight Performance** – Knife-edge seal guarantees integrity under test conditions
- **Delivers Long-Term Reliability** – Rugged stainless-steel build withstands demanding applications

#### Typical Applications

- Nuclear facilities
- Pharmaceutical and biotechnology laboratories
- Research and healthcare containment environments
- Other facilities requiring high-security particulate and gas-phase filtration

#### Safe, Reliable Containment Made Simple

The AstroSafe G-Series housing is designed for safe, reliable filtration in low CFM ventilation systems. It accommodates a single filter element — prefilter, HEPA filter, or gas adsorber — and provides airtight performance for both particulate and gas-phase applications. Built for flexibility, the G-Series can be configured with various inlet and outlet arrangements to meet specific system requirements.

One of the primary applications of HEPA filters is the containment of hazardous materials. When filters become contaminated, operator safety during change-out is critical. The G-Series bag-in/bag-out design protects personnel by eliminating direct contact with toxic dusts, viable organisms, radioactive particles, and carcinogens collected in the filter during service life.



#### Design Highlights

- **Bag-in/bag-out housing** for one filter element (prefilter, HEPA, or gas adsorber)
- **Flexible inlet/outlet port** arrangements to suit specific applications
- **Continuous knife-edge filter seal** ensures airtight integrity
- **Round inlets/outlets** connect easily to duct or piping
- **Top-access filter replacement** with option for side installation
- **Robust stainless-steel construction** with welded seams for long-term durability

#### Trusted Containment Solutions

With decades of expertise in critical air filtration, AAF delivers solutions that protect people, processes, and environments where failure is not an option. The AstroSafe G-Series housing combines proven containment technology with flexible design and rugged construction, making it the reliable choice for facilities that demand the highest level of safety and compliance.



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