

EPA/HEPA/ULPA Filters

BioCel®

Highly efficient filter with a deep-pleat media pack, supported by aluminium separators in a robust construction

Recommended application:
Final filtration in central air handling systems and industrial installations under turbulent conditions, pre-filtration for cleanrooms

Configuration and performance:

- Filter class EN1822: E10
- Media: fibreglass
- Filter frame: galvanized steel and extruded aluminium
- Gasket: dry seal
- Temperature limit: 70 °C (with gasket) - 120 °C (without gasket)



BioCel® II

Mini-pleat filter with lightweight frame and low pressure drop for easy installation and reduced energy consumption

Recommended application:
Final filtration in central air handling systems and industrial installations under turbulent conditions, pre-filtration for cleanrooms

Configuration and performance:

- Filter class EN1822: E11
- Media: fibreglass
- Filter frame: anodized extruded aluminium
- Gasket: dry seal, gel seal or knife edge
- Temperature limit: 70 °C



BioCel® III

Highly efficient filter in a V-shaped configuration with optimized media packs of fibreglass, suitable for high airflow rates

Recommended application:
Pre- or final filtration in high airflow air handling systems, pre-filtration for cleanrooms

Configuration and performance:

- Filter class EN1822: E11
- Media: fibreglass
- Filter frame: galvanized steel
- Gasket: dry seal
- Temperature limit: 70 °C



BioCel® M-Pak

Lightweight and space-saving filter with extended filtration surface in non-corrosive and fully combustible frame

Recommended application:
Pre- or final filtration in central air handling systems and industrial installations under turbulent conditions, pre-filtration for cleanrooms

Configuration and performance:

- Filter class EN1822: E10
- Media: fibreglass
- Filter frame: HIPS
- Gasket: dry seal
- Temperature limit: 70 °C



BioCel® VXL

Air filter with high capacity in a robust V-shaped configuration and a lightweight and fully combustible plastic construction

Recommended application:
Pre- or final filtration in central air handling systems and demanding industrial installations, pre-filtration for cleanrooms

Configuration and performance:

- Filter class EN1822: E10 - E12
- Media: fibreglass
- Filter frame: combination of HIPS and ABS
- Gasket: dry seal
- Temperature limit: 70 °C



BioPak®

Mini-pleat filter with ultrafine fibreglass media pack and low pressure drop, available in different frame executions

Recommended application:
Pre- or final filtration in central air handling systems, pre-filtration for cleanrooms

Configuration and performance:

- Filter class EN1822: E11
- Media: fibreglass
- Filter frame: anodized extruded aluminium or MDF
- Gasket: dry seal
- Temperature limit: 70 °C



AstroCel® I

Efficient HEPA filter with high capacity and deep-pleat media pack, supported by aluminium separators

Recommended application:
Final filtration in central air handling systems and industrial installations

Configuration and performance:

- Filter class EN1822: E12 - H14
- Media: fibreglass
- Filter frame: anodized extruded aluminium, steel or MDF
- Gasket: dry seal
- Temperature limit: 70 °C (std. gasket) - 120 °C (without gasket) - 260 °C (silicone gasket)



AstroCel® II

High quality and space-saving mini-pleat filter, individually tested for guaranteed filtration performance

Recommended application:
Final filtration for cleanrooms and turbulent or laminar airflow systems

Configuration and performance:

- Filter class EN1822: H14 - U17
- Media: fibreglass
- Filter frame: anodized extruded aluminium
- Also available: TM Hood (terminal module)
- Gasket: dry seal, gel seal or knife edge
- Temperature limit: 70 °C



AstroCel® III

Highly efficient filter in a V-shaped configuration with optimized media packs of fibreglass, suitable for high airflow rates

Recommended application:
Final filtration in central air handling systems and industrial installations, areas in which hazardous materials are being handled

Configuration and performance:

- Filter class EN1822: H12 - H14
- Media: fibreglass
- Filter frame: steel
- Gasket: dry seal or gel seal
- Temperature limit: 70 °C (regular version) - 120 °C (nuclear grade)



AstroCel® VXL

Air filter with high capacity in a robust V-shaped configuration with a lightweight and fully combustible plastic construction

Recommended application:
Final filtration in central air handling systems and industrial installations, pre-filtration for cleanrooms

Configuration and performance:

- Filter class EN1822: E10 - E12
- Media: fibreglass
- Filter frame: combination of HIPS and ABS
- Gasket: dry seal
- Temperature limit: 70 °C

