BioMAX™ V2400-P

High Capacity Minipleat ABS Plastic HEPA Filter

FEATURES

Up to 99.99% efficiency @ 0.3 micron
Water repellant microfiberglass media
5v minipleat design for low pressure drop
Solid polyurethane sealant encapsulates the pack
1/4" x 3/4" Neoprene gasket (downstream)
Rigid ABS plastic frame construction

BioMAX V2400-P

Engineered to provide the optimum combination of efficiency and airflow. The BioMAX V2400-P is used in a wide range of applications, including pharmaceutical facilities, hospitals, biotech laboratories and other environments where control and removal of airborne contaminants is of paramount importance in the protection of people, processes, and equipment.

Durable Construction

The BioMAX V2400-P is constructed of durable molded ABS (Acrylonitrile Butadiene Styrene) plastic.

Leak Free Sealant

Non off-gasing, polyurethane pack to frame sealant insures leak free filter integrity and operation.

High Dust Holding Capacity

The V2400-P offers the highest volume of filter media allowing for higher dust capacity, longer life and lower pressure drop than other styles of HEPA filters.

Higher Velocities

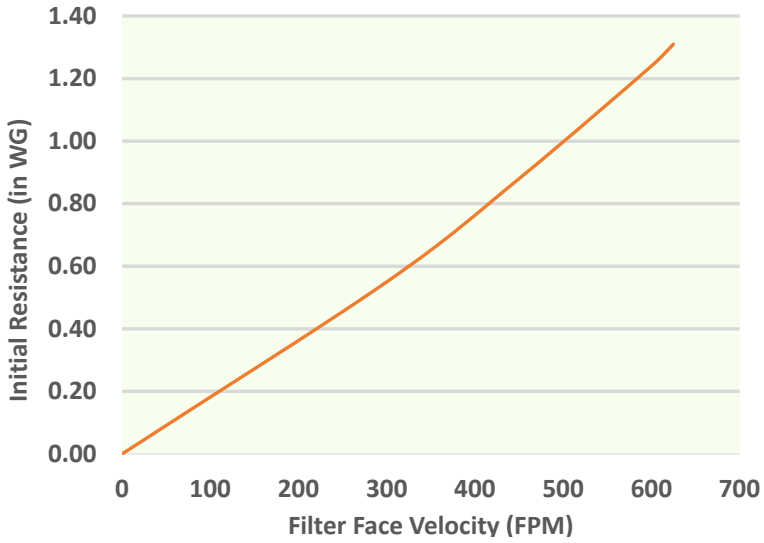
Because of the filter integrity, the V2400-P can be installed in systems with air flow capacitites up to 650 fpm velocity.

The V2400-P is offered with standard closed cell, neoprene gasket on the downstream side. Other gasket options are available upon request.

BioMAX™ V2400-P Performance Data

Part Number	Actual Size	Efficiency	Air Flow (CFM)	Media Area	Initial Resistance @600 FPM (in W.G.)
114-851-101	24"x 24"x 11.50"	99.99% @ 0.3 micron	2400	323	1.24"
114-851-102	23.38"x 23.38"x 11.50"	99.99% @ 0.3 micron	2275	314	1.24"
114-852-101	24" x 24" x 11.50"	99.97% @ 0.3 micron	2400	323	1.24"
114-852-102	23.38"x 23.38"x 11.50"	99.97% @ 0.3 micron	2275	314	1.24"

Initial Resistance vs. Air Flow Rate



Engineering Specifications

1.0 General Specifications

1.1 Filters shall be BioMAX V2400-P as manufactured by Koch Filter.
1.2 Filters are manufactured by an ISO 9001 registered company.

2.0 Filter Material and Construction

2.1 Packs shall be pleated ultra fine fiberglass media with pleat spacing provided by an adhesive bead.
2.2 Filter frame shall be ABS plastic.
2.3 The interface between the frame and packs shall be fully potted with a solid polyurethane sealant.
2.4 A gasket of closed-cell neoprene rubber shall be installed on the downstream side of the filter.

3.0 Filter Performance

3.1 Each filter shall be certified to provide the specified minimum overall efficiency on 0.3 micrometer particles.
3.2 Filters shall be rated to withstand a continuous operating temperature up to 122°F.

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