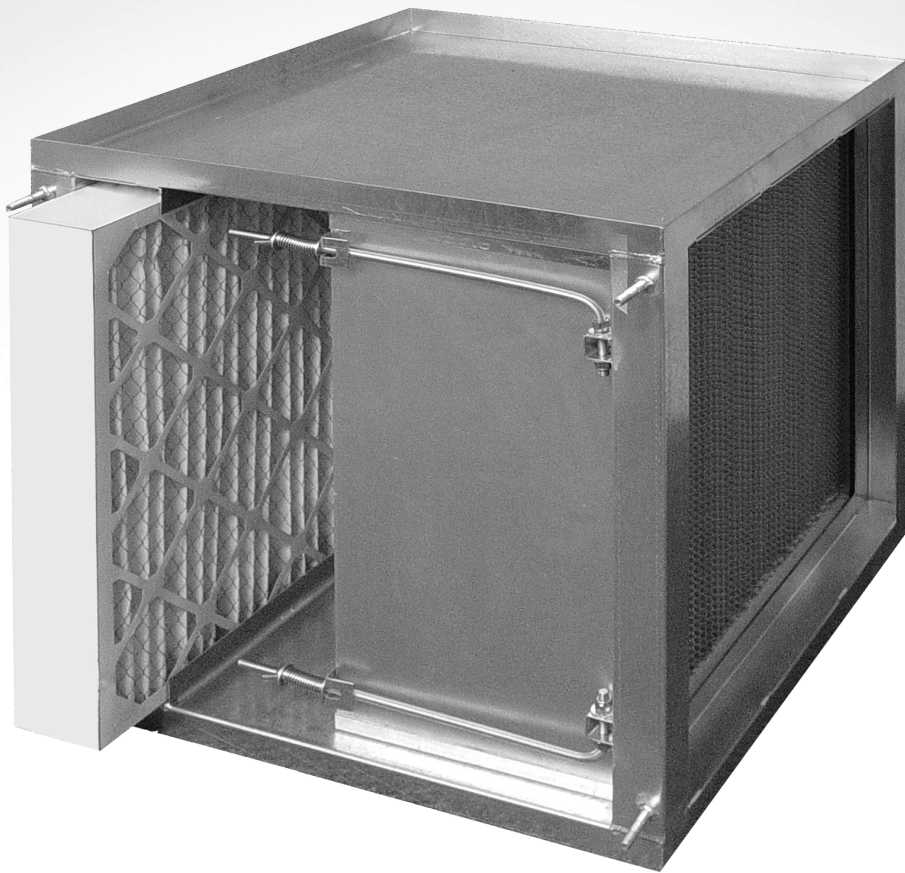


Microlock HEPA Side Access Bolt Lock Housings



Microlock HEPA Side Access Bolt Lock Housing

FEATURES

- Suitable for gasket seal HEPA filters
- Factory assembled
- Available in galvanized and stainless steel
- Durable construction
- Swing bolt locking mechanism
- 2" or 4" prefilter section
- Positive pressure door-to-housing seal
- Factory installed flange
- Large list of options
- Customized housings available

APPLICATIONS

Microlock HEPA SA Bolt Lock Housings are designed for a range of applications, including:

- HVAC systems
- Air handlers
- Industrial plants
- Food industry
- Pharmaceutical
- Microelectronics
- Hospital
- Bio medical

SWING BOLT, SIDE ACCESS, GASKET SEAL HOUSINGS FOR HEPA FILTERS

Microlock HEPA SA Bolt Lock Housing is a side access, swing bolt air filter housing that securely houses gasket seal HEPA filters. The housing features a durable design that is essential for the demanding and critical clean air applications that require HEPA filtration.

CONSTRUCTION

A one piece, factory assembled unit, each Microlock HEPA SA Bolt Lock Housing is manufactured to precisely meet end user requirements. The housing is constructed from galvanized steel as standard, with stainless steel available as an option. Straight seams are intermittently welded and silicone caulked to prevent air leakage.

SWING BOLT LOCKING MECHANISM

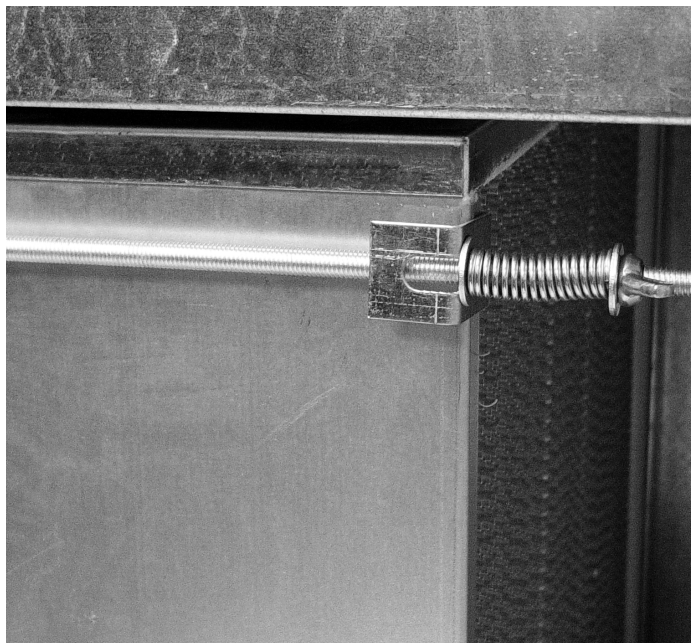
Microlock HEPA SA Bolt Lock Housing utilizes a swing bolt locking mechanism to ensure a perfect seal between the filter and housing gasket, and reduce the potential for air bypass in your critical environments. This seal is achieved by a continuous flat-mounting surface on the interior of the housing, which mates to a perimeter gasket on the filter. Creating this seal is simply a process of positioning the swing arm beside the filter, and then positioning and tightening the spring-loaded clip to secure the filter(s) against the housing's perimeter mounting surface.



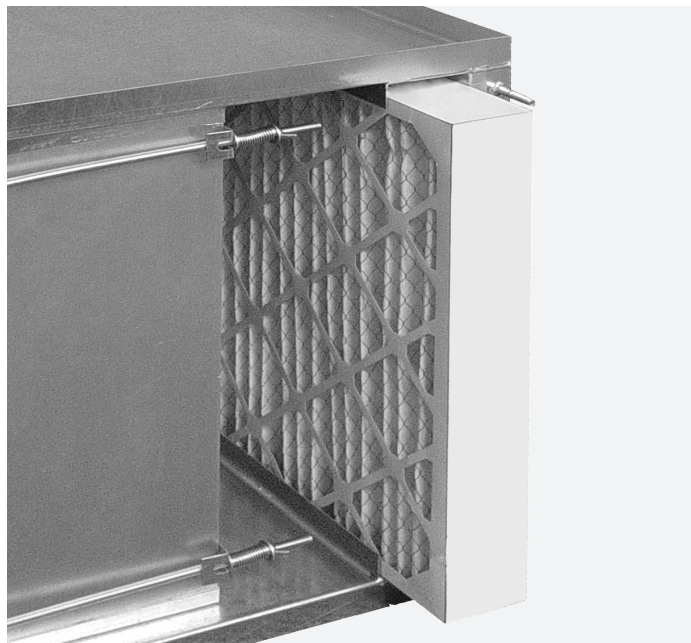
OTHER FEATURES

Microlock HEPA SA Bolt Lock Housing features an easy-to-use wingnut door fastener to provide a positive pressure door-to-housing seal. This also simplifies the process of servicing the filter, making filter change-out easy. The housing comes with a factory installed out-turned flange, which is suitable for easy connection to either ductwork or the air handler system. Microlock HEPA SA Bolt Lock Housing also comes with a large number of options, so housings can be customized to meet application specific requirements.

Microlock HEPA Side Access Bolt Lock Housing Options & Filters



The Microlock HEPA SA Bolt Lock Housing swing bolt locking mechanism



A prefilter installed in the Microlock HEPA SA Bolt Lock Housing

MICROLOCK HEPA SA BOLT LOCK HOUSING OPTIONS

- Vertical flow application
- Double wall insulation
- High temperature gasket
- DOP port
- Photohelic gauge
- Lifting lugs
- Transitions
- Custom and drilled flanges
- Weather cover
- Static port(s)
- Magnehelic gauge
- Bottom access
- Seam welding
- Special sizes

PREFILTER SECTION

Microlock HEPA SA Bolt Lock Housing offers an integral prefilter section and is available in standard depths of 2" or 4". This provides the design engineer and end user with a wide range of prefiltration options.

MICROBARRIER HEPA/HEPAMAX

MANN+HUMMEL offers a full line of Microbarrier HEPA filters to meet your application demands. These include both standard capacity HEPA filters, which are rated at 250 FPM; and high capacity Microbarrier HEPAMAX filters rated at 500 FPM.

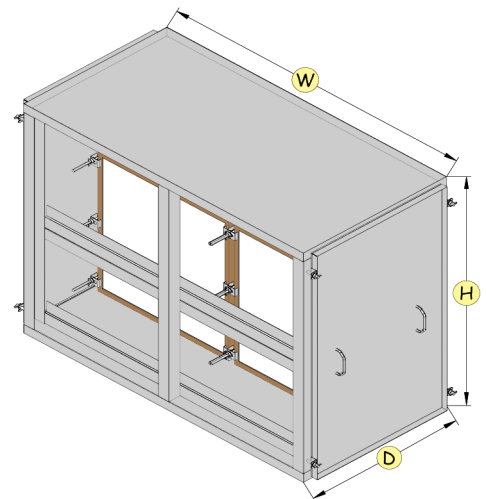
MANN+HUMMEL offers both versions in gasket or gel seal variants, particleboard or metal frame construction, and high temperature models to correspond with your requirements.

Varying levels of efficiency and testing methods are available starting at 99.97% @ 0.3 microns. Please contact your local sales representative for more information on MANN+HUMMEL Microbarrier HEPA/HEPAMAX filters.

Microlock HEPA Side Access Bolt Lock Housing Technical Data

SPECIFICATIONS

			UNIT WIDTH		
			1	2	3
UNIT HEIGHT	1	Capacity	2,000 CFM	4,000 CFM	6,000 CFM
		Dimensions	27¼ x 26¼"	27¼ x 51½"	27¼ x 76¾"
		No. Filters	1	2	3
		Face Area	4 sq. ft.	8 sq. ft.	12 sq. ft.
	2	Capacity	4,000 CFM	8,000 CFM	12,000 CFM
		Dimensions	51¼ x 26¼"	51¼ x 51½"	51¼ x 76¾"
		No. Filters	2	4	6
		Face Area	8 sq. ft.	16 sq. ft.	24 sq. ft.
	3	Capacity	6,000 CFM	12,000 CFM	18,000 CFM
		Dimensions	75¼ x 26¼"	75¼ x 51½"	75¼ x 76¾"
		No. Filters	3	6	9
		Face Area	12 sq. ft.	24 sq. ft.	36 sq. ft.



NOTES

Capacity is reported in CFM at a flow rate of 500 FPM

Dimensions are reported in exact size in inches and Height x Width

Number of filters are reported in quantity and exact dimensions of 24" x 24"

Face area is reported as face area of air filters – exact size in square feet

Standard housing depths relative to filter depth: 2" or 4"-thick prefilter = 26¼"

Custom depths, and special and half size units are also available

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