

Microlock ASHRAE Flat Bank Housing

FEATURES

- Available in two stock depths
- Galvanized or stainless steel options
- Welded construction
- Corner supports for rigidity
- Flexible filter configurations
- Gasketed, positive tension doors
- Perform up to ± 3 in. w.g.
- Factory installed flange
- Large list of options

OPTIONS

- Vertical flow application
- Weather cover
- Bottom access
- Lifting lugs
- Transitions
- Custom and drilled flanges
- Double wall insulation
- Static port(s)
- Magnehelic gauge
- Oil mist collection configuration



MICROLOCK ASHRAE FB HOUSING CONSTRUCTION & APPLICATIONS

The Microlock ASHRAE FB housing is designed to hold ASHRAE rated air filters, and comes in standard filter depths of 2 or 4 inches.

The Microlock ASHRAE FB housing is fabricated from galvanized steel or optional stainless steel, and is welded together without any bolt connections. The Microlock ASHRAE FB housing features a one piece construction with aluminum extrusion filter tracks to secure the filters. Upstream corner supports increase the rigidity of the unit.

Each Microlock ASHRAE FB housing is manufactured to meet the requirements of the end user, with the housing accommodating a variety of different types and efficiencies of filters. Paired with 4 inch deep filters, the housing can operate at face velocities up to 625 FPM, depending on the air flow limitations of the selected air filters.

Positive tension door locks make filter servicing easy, and combined with a perimeter gasketing around the door ensure a positive seal. Straight seams on the Microlock ASHRAE FB housing are intermittently welded and silicone caulked to prevent air leakage.

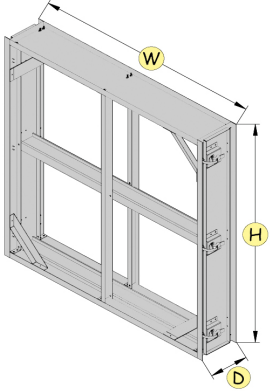
The Microlock ASHRAE FB housing is able to perform up to ± 3 in. w.g.

A factory installed flange is suitable for connection to either ductwork or air handler systems. And the Microlock ASHRAE FB housing is perfect for installation where space limitations exist.

The Microlock ASHRAE FB housing comes with a large number of options, meaning housings can be customized to meet any application specific requirements.

MICROLOCK ASHRAE FB HOUSING
TECHNICAL DATA

			UNIT WIDTH			
			1	2	3	4
UNIT HEIGHT	1	Capacity	2,000 CFM	4,000 CFM	6,000 CFM	8,000 CFM
		Dimensions	26 ⁷ / ₈ x 26 ¹ / ₈ "	26 ⁷ / ₈ x 49 ¹ / ₂ "	26 ⁷ / ₈ x 72 ⁷ / ₈ "	26 ⁷ / ₈ x 96 ³ / ₄ "
		No. Filters	1	2	3	4
		Face Area	4 sq. ft.	8 sq. ft.	12 sq. ft.	16 sq. ft.
	2	Capacity	4,000 CFM	8,000 CFM	12,000 CFM	16,000 CFM
		Dimensions	51 x 26 ¹ / ₈ "	51 x 49 ¹ / ₂ "	51 x 72 ⁷ / ₈ "	51 x 96 ³ / ₄ "
		No. Filters	2	4	6	8
		Face Area	8 sq. ft.	16 sq. ft.	24 sq. ft.	32 sq. ft.
	3	Capacity	6,000 CFM	12,000 CFM	18,000 CFM	24,000 CFM
		Dimensions	75 ¹ / ₈ x 26 ¹ / ₈ "	75 ¹ / ₈ x 49 ¹ / ₂ "	75 ¹ / ₈ x 72 ⁷ / ₈ "	75 ¹ / ₈ x 96 ³ / ₄ "
		No. Filters	3	6	9	12
		Face Area	12 sq. ft.	24 sq. ft.	36 sq. ft.	48 sq. ft.
	4	Capacity	8,000 CFM	16,000 CFM	24,000 CFM	32,000 CFM
		Dimensions	99 ³ / ₄ x 26 ¹ / ₈ "	99 ³ / ₄ x 49 ¹ / ₂ "	99 ³ / ₄ x 72 ⁷ / ₈ "	99 ³ / ₄ x 96 ³ / ₄ "
		No. Filters	4	8	12	16
		Face Area	16 sq. ft.	32 sq. ft.	48 sq. ft.	64 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 nominal dimensions of 24 x 24"

Face area is reported as face area of air filters – nominal size in square feet
Standard housing depths relative to filter depth 2" filter = 8¹/₂", 4" filter = 8¹/₂"
Special and half size units are also available

MANN+HUMMEL is committed to continual product development – all descriptions, specifications and performance data are subject to change without notice. MANN+HUMMEL products are manufactured to exacting criteria – there can be a ±5% variance in filter performance.

LOCAL REPRESENTATIVE