

# Tri-Met FB™

## Flat Bank ASHRAE 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  $\pm 3$  "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

### SINGLE STAGE, SIDE ACCESS FLAT-BANK HOUSING FOR ASHRAE-RATED FILTERS

The Tri-Met FB™ air filter housing is designed to hold ASHRAE-rated air filters, and comes in standard filter depths of 2 or 4".

The Tri-Met FB™ is fabricated from galvanized steel or optional stainless steel, and is welded together without any bolt connections. The Tri-Met FB™ features a one-piece construction with a fabricated U-channel to secure the filters. Upstream corner supports increase the rigidity of the unit.

Each Tri-Met FB™ 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" 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 Tri-Met FB™ housings are intermittently welded and silicone caulked to prevent air leakage.



The Tri-Met FB™ is able to perform up to  $\pm 3$  "W.G.

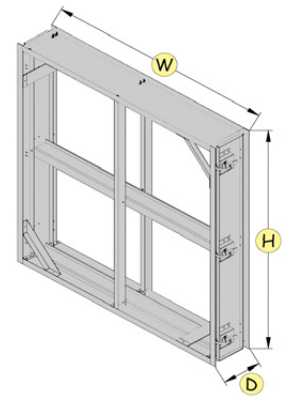
A factory-installed flange is suitable for connection to either ductwork or air handler systems. And the Tri-Met FB™ is perfect for installation where space limitations exist.

The Tri-Met FB™ comes with a large number of options, meaning housings can be customized to meet any application-specific requirements.

# Tri-Met FB™

## Technical specification

		UNIT WIDTH				
		1	2	3	4	
UNIT HEIGHT	1	Capacity	2,000 CFM	4,000 CFM	6,000 CFM	8,000 CFM
		Dimensions	26 <sup>7</sup> / <sub>8</sub> x 26 <sup>1</sup> / <sub>8</sub> "	26 <sup>7</sup> / <sub>8</sub> x 49 <sup>1</sup> / <sub>2</sub> "	26 <sup>7</sup> / <sub>8</sub> x 72 <sup>7</sup> / <sub>8</sub> "	26 <sup>7</sup> / <sub>8</sub> x 96 <sup>1</sup> / <sub>4</sub> "
		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 <sup>1</sup> / <sub>8</sub> "	51 x 49 <sup>1</sup> / <sub>2</sub> "	51 x 72 <sup>7</sup> / <sub>8</sub> "	51 x 96 <sup>1</sup> / <sub>4</sub> "
		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 <sup>3</sup> / <sub>8</sub> x 26 <sup>1</sup> / <sub>8</sub> "	75 <sup>3</sup> / <sub>8</sub> x 49 <sup>1</sup> / <sub>2</sub> "	75 <sup>3</sup> / <sub>8</sub> x 72 <sup>7</sup> / <sub>8</sub> "	75 <sup>3</sup> / <sub>8</sub> x 96 <sup>1</sup> / <sub>4</sub> "
		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 <sup>3</sup> / <sub>4</sub> x 26 <sup>1</sup> / <sub>8</sub> "	99 <sup>3</sup> / <sub>4</sub> x 49 <sup>1</sup> / <sub>2</sub> "	99 <sup>3</sup> / <sub>4</sub> x 72 <sup>7</sup> / <sub>8</sub> "	99 <sup>3</sup> / <sub>4</sub> x 96 <sup>1</sup> / <sub>4</sub> "
		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 = 8<sup>1</sup>/<sub>2</sub>", 4" filter = 8<sup>3</sup>/<sub>4</sub>"  
**Special and half size units** are also available

Tri-Dim Filter Corporation is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. Tri-Dim products are manufactured to exacting criteria - there can be a ±5% variance in filter performance.

### LOCAL REPRESENTATIVE