

# Tri-Met Carbon SA™ Side-Access Carbon Housing

## FEATURES

- Particulate and gas phase filtration
- Available in galvanized and stainless steel
- Welded construction
- Corner supports for rigidity
- Flexible in possible filter options
- Positive tension, gasketed doors
- Factory installed flange
- Designed for indoor or outdoor use
- 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
- Photohelic gauge
- High temperature gasket

## MULTIPLE STAGE, SIDE ACCESS HOUSING FOR CARBON APPLICATIONS

Tri-Met Carbon SA™ is a multi-stage housing designed to remove both particulate and gas phase molecular contaminants from an air flow. The unit accommodates either a 2" or 4"-deep particulate prefilter section as well as nominal ¾"-deep carbon trays. Carbon tray configuration is based on 12 trays per 24" of height.

The Tri-Met Carbon SA™ housing is fabricated from galvanized steel or optional stainless steel, and is intermittently welded together for strength. All seams are silicone caulked for an airtight seal. Upstream corner supports increase the rigidity of the unit. Filter tracks within the unit are bolted in place in order to accommodate varying styles of filters. And each housing is custom manufactured to meet specific end user requirements.

Tri-Met Carbon SA™ accommodates both different types and efficiencies of particulate air filters. See individual filter ratings to determine specific efficiency and air flow.

Positive tension door locks make filter servicing easy and, combined with a perimeter gasketing around the door, ensure a positive seal. The factory-installed flange is suitable for connection to either ductwork or an air handling system.



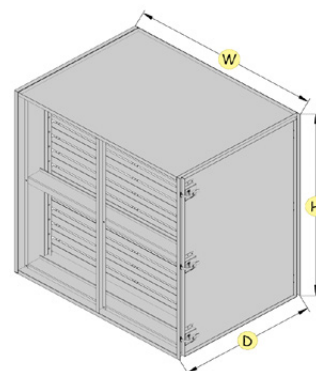
Tri-Met Carbon SA™ housings are designed for both indoor and outdoor use. Tri-Dim recommends both stainless steel and weather covers for outdoor use.

A large number of options, means Tri-Met Carbon SA housings can be customized to meet any application-specific requirements.

# Tri-Met Carbon SA™

## 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 $\frac{7}{8}$ x 26 $\frac{1}{8}$ "	26 $\frac{7}{8}$ x 49 $\frac{1}{2}$ "	26 $\frac{7}{8}$ x 72 $\frac{7}{8}$ "	26 $\frac{7}{8}$ x 96 $\frac{1}{4}$ "
		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 $\frac{1}{8}$ "	51 x 49 $\frac{1}{2}$ "	51 x 72 $\frac{7}{8}$ "	51 x 96 $\frac{1}{4}$ "
		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 $\frac{3}{8}$ x 26 $\frac{1}{8}$ "	75 $\frac{3}{8}$ x 49 $\frac{1}{2}$ "	75 $\frac{3}{8}$ x 72 $\frac{7}{8}$ "	75 $\frac{3}{8}$ x 96 $\frac{1}{4}$ "
		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 $\frac{3}{4}$ x 26 $\frac{1}{8}$ "	99 $\frac{3}{4}$ x 49 $\frac{1}{2}$ "	99 $\frac{3}{4}$ x 72 $\frac{7}{8}$ "	99 $\frac{3}{4}$ x 96 $\frac{1}{4}$ "
		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

**No. of filters & trays** are reported in quantity & 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 depth of final filters:

2" Filter = 36"

4" Filter = 38"

**Custom depths, and 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