



VaporTrap Disposable V-Bank Activated Carbon Filter

ORDERING INFO

PART NUMBER

Carbon Vapor Trap, disposable V-Bank filter
24"x18"x11.5", 27 lbs. of carbon

OCVT18

CarbonVapor Trap, disposable V-Bank filter
24"x24"x11.5", 36 lbs. of carbon

OCVT2424



Construction Specifications:

Vaportrap features a revolutionary bulk fill, rather than the standard honeycomb design. The adsorber is constructed of multiple media filled panels. Each is 24 x 24 x 12 filter and holds 12 panels arranged in a V-Bank configuration and sealed in a galvanized frame. Individual panels are 0.75 inches thick and made of galvanized steel expanded metal with polypropylene supports. The polypropylene supports are spaced every 1.5" and angled to prevent any bypass. The standard media is 4 x 8 or 4 x 6 mesh. Each panel is individually fastened to the frame, which is fully lined with the gasket to prevent bypass. Vapor Trap filters are individually sealed in a plastic bag, and placed in individual cartons.

Performance Specifications:

Standard carbon has a minimum 60% CTC activity per the ASTM D-3467 test method and the standard ZK-6 has a minimum 6% potassium permanganate. The 24 x 24 x 12 inch Vapor Trap contains no less than 36 pounds of carbon, no less than 50 pounds of C/ZK-6 and is no less than 72 pounds of ZK6. The air resistance on a 24 x 24 x 12 nominal and is no more than 0.50 in. of WG when operating at 2000 CFM. The adsorber is designed for total detention gaseous contamination control. *The initial efficiency is greater than 95% at rated air flow.

PERFORMANCE DATA

PART	BANK AREA & DEPTH	CFM	Pressure Drop IWG	Dwell Time Sec	Media Weight	Total Cell Weight
OCVT18	24"x18"x11.5"	750	0.27	0.12	Carbon: 27 lbs	39 lbs
		1000	0.45	0.0995	C/ZK6: 37 lbs	49 lbs
OCVT2424	24"x24"x11.5"	1500	0.30	0.098	Carbon: 36 lbs	53 lbs
		2000	0.45	0.074	C/ZK6: 50 lbs	72 lbs