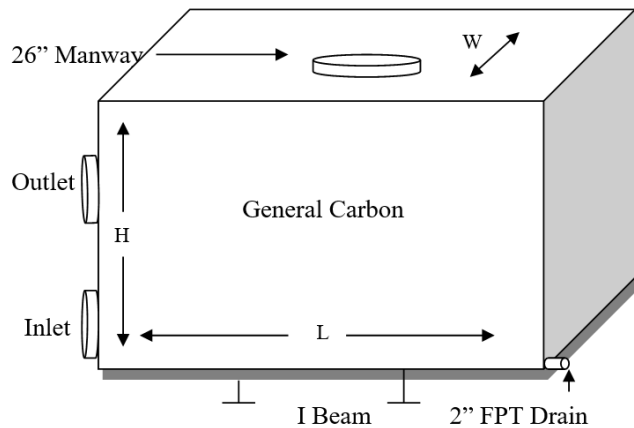




VAPOR BOX ADSORBERS

General Carbon's Vapor Box series of carbon adsorbers are versatile high airflow units. Each adsorber is easily transportable via the "I" beam support structure or lifting lugs. The Vapor Box adsorbers are constructed of mild steel and have two-part epoxy internal coatings and industrial enamel on the exterior to provide long service life. They are equipped with a manhole large enough for easy carbon change-outs. Several different grades of virgin and reactivated carbon are available to meet application needs.



*The Vapor Boxes are also available in stainless steel *

<u>Name</u>	<u>Dimensions</u> L x W x H	<u>CFM</u>	<u>Carbon WT.</u>	<u>IN/OUT</u>	<u>Bed Depth</u>
VB 1000S	4 x 4 x 6	480 – 960	1000	8 inch	27"
VB 2000S	4 x 4 x 6	480 – 960	2000	8 inch	53"
VB 2700	4 x 6 x 6	720 – 1440	2700	10 inch	48"
VB 3000V	4 x 5 x 8	600 – 1200	3000	8 inch	66"
VB 3000S	5 x 5 x 8	750 – 1500	3000	10 inch	52"
VB 3500	4 x 8 x 8	960 – 920	3500	12 inch	47"
VB 4000S	7 x 7 x 7	1470–2940	4000	14 inch	35"
VB 5000L	5 x 10 x 6	1500–3000	5000	14 inch	36"

Installation & Start-up – The Vapor Box adsorbers require no special procedure for startup. Remove the shipping covers from the inlet and outlet and make the proper connections to your system. Unions or quick-disconnect fittings are recommended if the unit will be disconnected frequently.

Maintenance – When in use, the Vapor Box requires no maintenance other than the monitoring of the influent and effluent vapor streams and the system pressure. When the concentration of contaminants in the effluent is exceeding treatment objectives, the Vapor Box should be removed from service and the activated carbon replaced. The working life of each adsorber is dependent upon the type of contaminants in the vapor stream as well as its concentration and the air flow rate.

Replacing the Spent Carbon – Once the carbon is no longer meeting treatment objectives, the adsorber should be removed from service and the spent carbon replaced. To purchase replacement carbon or to arrange for a carbon change-out, please contact our office.

Disposal – Dispose of the spent carbon in accordance with Federal, State and Local regulations.

WARNING!

Wet activated carbon removes oxygen from air causing a severe hazard to workers inside carbon vessels. Confined space/low oxygen procedures should be put in place before any entry is made. Such procedures should comply with all applicable local, State and Federal guidelines.

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