

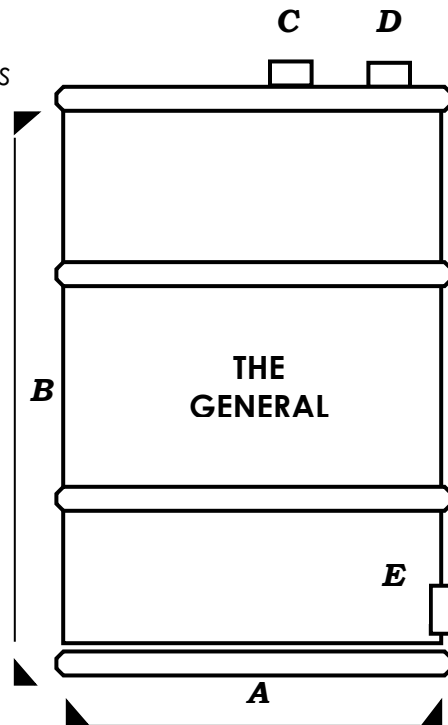


THE AIR GENERAL

Vapor Phase Activated Carbon Drum Adsorbers

THE AIR GENERAL VAPOR PHASE ACTIVATED CARBON DRUM ADSORBERS

are in inventory and ready to use. They are designed to treat airflows up to 250 cfm. Our four (4) size options are available in mild steel. The 30 gallon and 55 gallon options can also be fabricated from either polyethylene or stainless steel to better serve your treatment needs.



<u>SPECIFICATIONS</u>	<u>30 GALLON</u>	<u>55 GALLON</u>	<u>85 GALLON</u>	<u>110 GALLON</u>
A – Diameter, Outside	19-1/2"	24"	28"	32"
B – Height, Outside	29"	35"	39"	43"
Inlet Fitting	E - 1" FPT	E - 2" MPT	C - 4" FPT	C - 4" FPT
Outlet Fitting	C- 1" FPT	C- 2" MPT	D- 4" FPT	D- 4" FPT
Drain Fitting	E - 1"	E - 2"	E - 1"	E - 1"
Carbon Weight, lbs.	90	150	300	400
Max. Flow Rate, cfm	100	160	220	295
Maximum Pressure, psig	7	10	7	7
Maximum Design Temp., F	140	140	140	140
Flow Direction	Upflow	Upflow	Upflow	Upflow

Activated Carbon – The Air General vapor phase activated carbon drum adsorbers come standard with a virgin, high activity activated carbon. Other products are available to suit specific applications.

Removable Lid – 16-gauge lid with ring & bolt closure and poly clad cellulose gasket.

Connections – Metal connections with standard pipe threads insure easy, durable and leak proof hookup to your system. Unions or quick connect fittings are advised to make the drum adsorber exchange easy. Drains let you remove any accumulated condensate.

Flow Distributors – The Air General vapor phase activated carbon drum adsorbers use either a carbon support screen or PVC slotted pipe to insure even air distribution throughout the carbon. Both stainless steel drum adsorbers and internals are an option.

Paint and Lining – The drum adsorbers are provided with a heat cured phenolic epoxy internal lining and an industrial enamel exterior paint.

Installation & Start Up – Simply connect the inlet and outlet lines to the adsorber and start the blower.

Maintenance – The Air General requires no maintenance other than monitoring influent and effluent concentrations and operating pressure. Once treatment objectives can no longer be met General Carbon can provide a spent carbon changeout or simply replace the adsorber. Please call our office for pricing and scheduling.

Recharging the General – 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.