

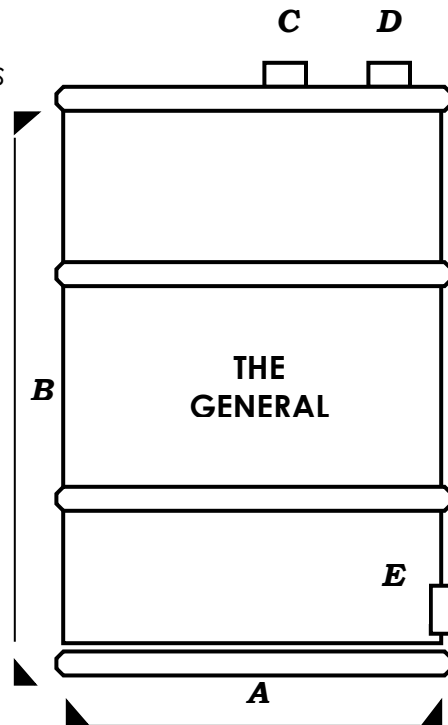


THE WATER GENERAL

Liquid Phase Activated Carbon Drum Adsorbers

THE WATER GENERAL LIQUID PHASE ACTIVATED CARBON DRUM ADSORBERS

are cost effective, liquid phase drum adsorbers designed to treat liquid streams of up to 20 GPM. The units are available in four different sizes 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 (FPT)	C - 1"	C - 1"	C - 1"	C - 2"
Outlet Fitting (FPT)	E - 1"	E - 1"	D - 1"	D - 2"
Drain Fitting (FPT)	E - 1"	E - 1"	E - 1"	E - 1"
Carbon Weight, lbs.	90	175	300	400
Max. Flow Rate, GPM	8	10	15	20
Maximum Pressure, psig	7	10	7	7
Maximum Design Temp., F	140	140	140	140
Flow Direction	Downflow	Downflow	Downflow	Downflow
Shipping Weight, pounds	120	215	400	500

Activated Carbon – The Water General liquid phase drum adsorbers come standard with a virgin, high activity GC 8x30 carbon. Various products, such as Virgin GC 12x40 or reactivated GC 8x30R are also 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.

Flow Distributors – The drum adsorbers are provided with Schedule 40 PVC slotted distributors and collectors for low pressure drop and even distribution of flow. Stainless Steel internals and drums are available for special applications.

Paint and Lining – THE WATER GENERAL LIQUID PHASE DRUM ADSORBERS are provided with a heat cured phenolic epoxy interior lining. The exterior paint is an industrial enamel. A polyethylene liner is available for extra corrosion resistance for the 55 gallon and 85-gallon drum adsorbers.

Installation & Start Up – It is recommended to fill the adsorbers with clean water to allow the activated carbon to soak and degasify for 8 to 12 hours. Backwashing the carbon is also recommended to remove fines that can cause excessive pressure drop through the drum adsorber.

Maintenance – Once connected, The Water General requires no maintenance other than the monitoring of the influent and effluent liquid streams and the system operating pressure. When the activated carbon can no longer meet treatment objectives, The Water General should be removed from service and either the spent carbon or the drum adsorber replaced. The working life of each adsorber is dependent upon the type of contaminant in the water as well as its concentration and the liquid flow rate. A pressure relief device is advised to prevent damage to the canister in the event of excessive pressure buildup.

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.