

SAVING YOU \$\$\$

with

CARBTROL'S ODOR CONTROL CANISTERS

Here's how: Activated granular carbon is widely used to remove hydrogen sulfide (H₂S) at waste treatment plants. However, there are significant differences in the real costs of these systems to remove H₂S.

The ability to remove H₂S is determined not by its weight or volume, but by its adsorption capacity, i.e. the amount of impurity removed by a given amount of activated carbon. The higher the capacity, the more contaminate can be removed per cubic foot of carbon. Consequently, given two similar containers of activated carbon processing the same emissions, the better built container with higher adsorption capacity activated carbon will last longer. Therefore, when evaluating suppliers of activated carbon systems, consider the life of the system in order to calculate the real cost.

high adsorption carbon + high quality containers = longer life = lower

Upfront vs. Lifetime Costs

Canisters of activated carbon are like Alkaline batteries – both are cylindrically shaped with unseen contents. The real cost of odor control canisters and batteries is evaluated the same way. For example, Toys R Us sells 20 packs of AA alkaline batteries for \$11.99. Home Depot sells a 16 pack for \$10.98. At first glance, each Energizer battery costs 14.5% more than a Toys R Us battery. However, when battery life is considered, an Energizer is 37.3% less expensive because it lasts for 7.3 months vs. 4 months for a Toys R Us battery.

AA Alkaline Battery Brand / Retailer	Pack Price in August, 2015	Price / Battery	Months of Expected Life*	Real Cost / month
Energizer 16 Pack @ Home Depot	\$10.98	\$.686	7.3	\$.09
Toys R Us 20 pack @ Toys R Us	\$11.99	\$.600	4	\$.15

*Consumer Reports, December, 2013



Savings for Waste Treatment Plants

CARBTROL canisters are heavy duty steel drums with leak proof lid gaskets filled with high adsorption activated carbon that lasts two to four times longer than many of our competitors. Like Energizer batteries, CARBTROL canisters may cost slightly more upfront but they last considerable longer which, in the final analysis, lowers the real cost of odor control for waste treatment plants.

For additional information, call CARBTROL at (800) 242-1150 or go to www.carbtrol.com.

