

TYPE CV-CAT VAPOR PHASE CATALYTIC CARBON

DESCRIPTION

CARBETROL CV-CAT Vapor Phase Catalytic Carbon is specifically designed for control of hydrogen sulfide (H₂S) odors. Through its catalytic capacity, H₂S is oxidized and converted to water soluble sulfur compounds. Therefore the carbon can be simply regenerated by water washing. It can also be thermally reactivated for reuse. In addition, CV-CAT carbon provides effective removal of VOC compounds. It is an ideal solution for H₂S and organic odor control.

APPLICATIONS

- Wastewater treatment plants
- Pump stations/ lift stations
- Forced main vents
- Landfill vents
- Tank vents

SAFETY

Certain chemical compounds in the presence of activated carbon may oxidize, decompose or polymerize. This could result in temperature increases sufficient to cause ignition of the activated carbon or adsorbed material. If a compounds reaction with activated carbon is unknown, appropriate tests should be considered.

SPECIFICATIONS

TYPE:	Granular
BASE MATERIAL:	Coal
SIZE (US Sieve):	4 x 6
CCL ₄ ACTIVITY (percent):	60 (min)
APPARENT DENSITY (g/cc):	.40 to .50
MOISTURE (percent):	5 (max)
HARDNESS NO.:	90
H ₂ S CAPACITY (g H ₂ S/cc carbon):	.09

