ACCESS FILTER
with ODOUR CONTROL

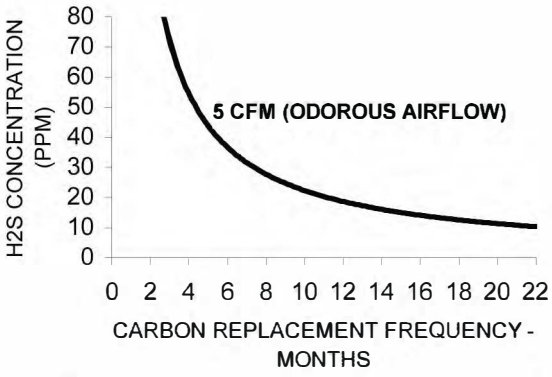
Eliminate odours emitted from manholes

DESCRIPTION: MEGA-LAB ACCESS FILTER is a specially designed Manhole Insert, with the addition of a canister containing 20 lbs. of activated carbon, which traps and stores unpleasant hydrogen sulfide and methyl mercaptan odoUrs. Purified air is then allowed to ventilate into the atmosphere through the canister lid. A one-way valve (to right of canister) allows water to drain, but no air to pass through it.

ADVANTAGES:

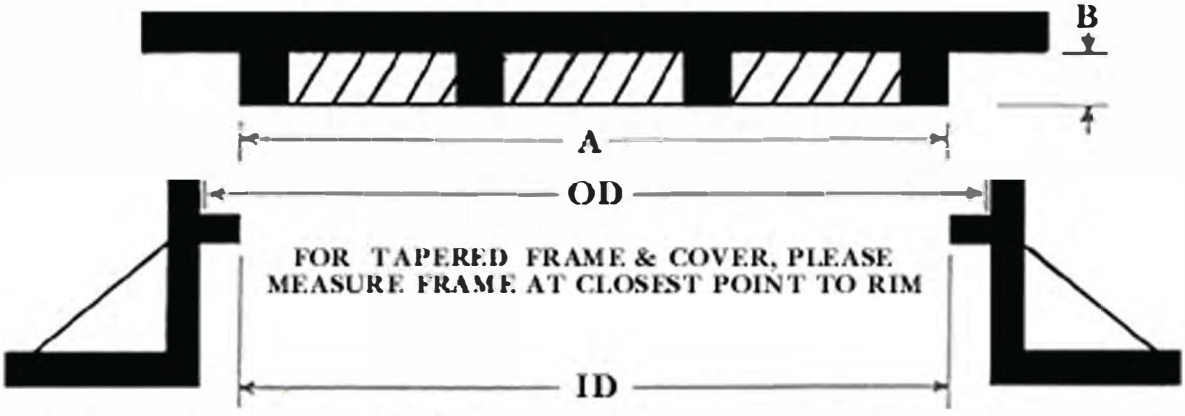
- Compact and corrosion resistant.
- Does not require routine maintenance and carbon can be replaced without removing the entire unit from the manhole.
- Will not interfere with installation or removal of the manhole cover.
- Unit (excluding carbon) is guaranteed for one year against manufacturing defects.
- Twenty-pound bags of replacement carbon are available.

PERFORMANCE: Due to varying levels of H_2S concentration, this chart should assist in estimating the expected life span of the activated carbon.



INSTALLATION: No special tools are required to install MEGA-LAB ACCESS FILTER MANHOLE INSERTS. Just remove the manhole cover and clean the rim of the frame. Place the MEGA-LAB ACCES FILTER MANHOLE INSERT, without the canister, on the manhole frame rim. Remove the canister lid and place the canister through the hole in the insert. Empty the 20 lb. of activated carbon into the canister and replace the canister lid. Reinstall the manhole cover onto the frame.

MEASUREMENTS NEEDED FOR PROPER INSTALLATION OF MEGA-LAB ACCESS FILTER MANHOLE INSERTS
(Please enclose a copy of this drawing with your order)



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CREATIVE CHEMICAL TECHNOLOGY

ACCESS FILTER with ODOUR CONTROL

CUSTOMER INSTRUCTIONS

- Remove manhole cover.
- Carefully insert the WATER RELEASE VALVE in the 5/8" hole (Duckbill down), so that the water drains into the manhole. This is very important!
- Fill the canister with the supplied carbon and replace lid. Ensure mesh screen at bottom of canister is in place prior to adding the carbon.
- Put the filled canister and outer ring into manhole and replace the manhole cover.

CARBON SPECS:

- a bituminous coal-based activated carbon that is specially impregnated for the desulphurization of gases and the removal of all acidic contaminants such as hydrogen sulfide, hydrogen chloride, and mercaptans.

Carbon Substrate	
Particle Type:	Pelletized
Particle Size - (Diameter), mm:	4.0
(Length), mm:	6.0
Mean Particle Diameter, mm:	4.7(min)
CCl4 Activity, %.:	60(min)
Iodine No., mg/g:	1000(min)
Surface Area, m^2/g:	1000(min)
Hardness, m^2/g:	95(min)
Impregnated Carbon	
Bulk Density, g/cc:	0.55 (min)
Moisture, %:	15 (max)
Maximum Head Loss @ 50 fpm superficial velocity through a dense packed bed, in wc/ft. bed depth	1.9 (max)
Hydrogen Sulfide breakthrough capacity, g H2S/cc carbon	.14 (min)

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