

Whole House Catalytic Carbon Filter

McKay's
ESTD CO. 1927

Celebrating 97 years!

OVERVIEW

A whole-house filter system treats all water traveling to any faucet or fixture in the home. It removes the chemical before it can be ingested, inhaled, or absorbed by the skin during washing or bathing. Catalytic - High Activated Carbon (CAT-HAC) may be used for a variety of water treatment applications including the reduction of chloramines, chlorine, and hydrogen sulfide from potable water.



CATALYTIC CARBON BENEFITS



Highest capability of removing/reducing chlorine



Most effective at reducing THMs, VOCs, and Chloramines



Improves taste & odor



Effective at removing impurities



Enhanced capabilities of reducing hydrogen sulfide

FEATURES

- CAT-HAC is an outstanding coconut shell based material for applications requiring chloramine, hydrogen sulfide and dissolved organic compound reduction. This product can be used for filtering water having a wide range of pH levels.
- Large surface area results in an exceptionally high capacity and efficiency.
- Balanced pore structure gives a more efficient adsorption range.
- CAT-HAC is very durable so losses due to attrition are kept to a minimum.
- CAT-HAC has a very high carbon, low ash content.
- CAT-HAC will impart a high "polish" to the filtered water.



CERTIFICATION

- NSF/ANSI Standard 61
- AWWA B604-96
- EN12915

CONDITIONS FOR OPERATION

- Water to be filtered should preferably be free of oil and suspended matter
- The water to be filtered should be relatively free of turbidity for maximum service life
- Water pH range: wide range
- Bed depth: 26-30 in.
- Freeboard: 50% of bed depth (min.)
- Dissolved Oxygen Concentration 4 ppm (mg/L)
- Service flow rate: 5 gpm/sq. ft.
- Backwash flow rate: 8-10 gpm/sq. ft.
- Backwash bed expansion: 30-40% of bed depth
- Upon installation, backwash to remove carbon fines before placing unit into service
- Empty bed contact time 3 minutes minimum

SPECIFICATIONS

- Color: Black
- Mesh Size: 12 x 40
- Bulk Density: 28 lbs./cu. ft.
- Effective Size: 0.55-0.75 mm
- Ash Content: Max 4%
- Iodine Number: 1,000 mg/g
- Moisture as packed: Max 5%
- pH 10

BUNDLE & SAVE

Save when you buy a whole home system (water softener + reverse osmosis) to enjoy purified drinking water and soft household water.



Reverse Osmosis



Water Softener