

Activated Carbon Filter

Organic Chlorine Removal

ROTEK Auto-control Filter with Multi-Media Sand as the filtration media is designed to deliver exceptional performance by utilizing high-quality components. It is engineered for longevity and energy efficiency.

This Multi-Media Sand Filter (MMF) efficiently removes impurities from water by passing it through a bed of quartzite sand with varying gradations. Installing a Sand filter is recommended when the water's turbidity load is high, causing water quality issues and deposits on pipelines, boilers, taps, and appliances.

ROTEK Multi-Media depth filters are specifically designed to remove particles that are 5-15 microns in size or larger. The filtration media used in our filters is carefully selected based on particle size, ensuring that the media retains its stratification during the backwash and rinse processes.

To eliminate trapped contaminants within the filter bed and maintain its efficiency, an automatic backwashing system is incorporated. This system effectively removes the trapped contaminants and washes them down the drain.

Advantages

■ Chlorine Removal

The Activated Carbon Filter excels in chlorine removal, effectively eliminating this common disinfectant from the water supply for improved taste and odor.

■ Chlorine By-Products Removal such as THMs

Highly effective in removing chlorine by-products such as THMs (trihalomethanes), ensuring safer and healthier water quality.

■ Bad Tastes and Odors Removal

To remove bad tastes and odors, ensure that the water you consume is refreshing and free from unpleasant smells.

■ Turbidity Removal

Removes turbidity, providing crystal-clear water that is visually appealing.

■ Herbicides, Pesticides & Insecticides Removal

It is a reliable solution for the removal of herbicides, pesticides, and insecticides, ensuring that these harmful chemicals are not present in your drinking water.

■ Volatile Organic Chemicals (VOCs) Removal

The Activated Carbon Filter is designed to remove volatile organic chemicals (VOCs), enhancing the safety and purity of the water by eliminating potential contaminants.



Specifications

Model	Media Volume	Flow Rate	Control Valve	In/Outlet	Tank Dimension
ACF-1054-A	50L	1000LPH	F67P1	1"	10" x 54"
ACF-1354-A	70L	2000LPH	F67P1	1"	13" x 54"
ACF-1465-A	100L	3000LPH	F67P1	1"	14" x 65"
ACF-1665-A	120L	4000LPH	F67P1	1"	16" x 65"
ACF-1865-A	150L	5000LPH	F134A1	1.5"	18" x 65"
ACF-2162-A	200L	6000LPH	F134A1	1.5"	21" x 62"
ACF-2472-A	300L	8000LPH	F134A1	1.5"	24" x 72"
ACF-3672-A	600L	15,000LPH	F75B1	2"	36" x 72"
ACF-4872-A	1000L	25,000LPH	F112B1	2.5"	48" x 72"



Coconut Shell
Activated Carbon
0.55 - 0.75mm



Small Gravel
3 - 8mm

Product Material:

Control Valve: Auto-control / Manual

Tank: Glass-fiber reinforced polyethylene

Treating material: Coconut Shell Activated Carbon + Gravels

Working Conditions:

Max working pressure 6 BAR

Min working pressure 2 BAR

Max working temperature 50°C