

AFPR050C



AQUA FILTER PLUS SIX STAGE REVERSE OSMOSIS WATER FILTER

The AFPR050C water filter combines the Reverse Osmosis (RO) and activated carbon technologies to produce an ultrafine filtration down to the molecules. This provides reliable protection from bacteria, viruses, radium, fluoride, and many other contaminants that are commonly found in water. While the RO membrane efficiently reduces particle contaminants, carbon pre-filters take care of chemical-type contaminants to drastically improve the taste of water and protect the membrane.



Includes everything necessary for installation and mounting

PRODUCT FEATURES AND BENEFITS

State-of-the-art quality pre-filters are used in AFPR050C, which are important for the RO membrane to function properly. Water has contaminants, like chlorine, which can damage the membrane. The combination of purification technologies incorporated in the pre-filters provide an excellent purification of these harmful contaminants and keeps the membrane intact.

Many people do not like RO systems because they remove minerals from water. The reasons that are cited for this dislike mainly include three. First, RO makes the water pH level go down thus making it acidic, which may not be safe. Removing the minerals also gives water sort of an empty taste, since the minerals contribute to the taste of the water. Then, the fact that such water is missing the minerals makes the water more aggressive, which may harm the already present minerals in the body.

To take care of these issues Aqua Filter Plus created the AFPR050C system that puts calcium back into the water. Calcium is the main mineral in tap water. Adding this mineral balances the pH of the water, gives the water a balanced and delicious taste, and prevents it from being aggressive. This intelligent water filter only adds as much Calcium as needed to balance the water – not enough to make it hard or scaly.

PRODUCT DETAILS

- The cartridges need to be replaced only once a year (for regular household use)
- The membrane needs to be replaced only once every 2-5 years
- The membrane produces 50 gallons per day - ensuring a good flow at all times
- Water gets processed through 3 pre-filters, the RO membrane, and 2 polishing post-filters - resulting in pure, delicious water

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AFPRO50C



Live
Healthy.
Drink
Better.

TECHNICAL DETAILS:

The AFPRO50C features:

A 6 stage filtration including 1 polypropylene sediment cartridge, 2 pure carbon cartridges, a 50GPD membrane, and 2 polishing post filters.

The polypropylene cartridge reduces sand, rust, and sediment.

The first carbon cartridge includes a 2-stage process: sediment and particle reduction down to 5 micron, and Granular Activated Carbon (GAC) for chlorine, pesticides, and more. This cartridge features a patented spring-loaded device that compresses the carbon into a compact block, and maintains it under ideal pressure. This eliminates channeling; the water flow is distributed evenly so that the water is thoroughly filtered.

The second cartridge consists of activated carbon block for additional purification. The briquette's special design ensures an even flow providing a thorough filtration.

The membrane is a high quality TFC (Thin Film Composite) membrane reducing impurities down to 0.0001 micron effectively rejecting up to 98% of lead, fluoride, radium, viruses, bacteria and much more.

The first post filter improves the taste of the water and adds a trace of calcium to balance the pH of the water. It comprises of calcium granules and Granular Activated Carbon (GAC).

The second post filter provides for additional water polishing with Granular Activated Carbon (GAC).

The filter's 3-stage pre filtration process ensures a thorough purification from contaminants that can reduce the life and/or efficiency of the membrane. It also ensures that the water will be

purified from contaminants that the membrane is not intended to purify; i.e. chlorine, THM, pesticides, etc. The combination of the 6 stages in the AFPRO50C provides a complete and thorough purification for your water.

RECOMMENDATION

For replacement cartridge set use model RKRO. It includes 1 sediment cartridge, 1 GAC carbon cartridge, 1 high efficiency carbon block cartridge, 1 inline carbon polishing post filter and 1 calcium polishing filter

Replacement membrane is sold separately. Use model FPRO50

WHAT'S IN THE BOX

The AFPRO50C model includes

- A 3.2 gallon stainless steel tank. Stainless steel tanks are able to hold the air pressure better than other tanks
- Air-gap faucet with necessary hardware
- A complete installation kit
- Easy installation instructions

WHAT MAKES AFPRO50C SUPERIOR TO OTHER WATER FILTERS?

- All components are chosen with great care to ensure the best quality and efficiency.
- Our pre-filters are of high quality to ensure that the membrane works properly.
- The membrane is one of the best in the industry with a flow rate of 50 GPD
- The water has just enough calcium to keep the water balanced and delicious
- Aqua Filter Plus systems are made to last – for years of superb service.

Reduces the following contaminants:

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| • Particulate matter down to 0.0001 micron | • Klebsiella | • Lead (dissolved and suspended) | • Giardia and Cryptosporidium |
| • Chlorine, taste, and odor | • Cholera | • Copper | • Cysts (waterborne microbes-parasites) |
| • E. Coli | • Viruses | • Cadmium | • Asbestos |
| • Shigella | • Radium | • Volatile Organic Chemicals (VOCs) | • Turbidity |
| • Salmonella | • Fluoride | • Pesticides (Linden, 2 4-D) | |
| | • Trihalomethanes (THM/TTHM) | | |