

Plumber's Choice Whole House Carbon CX Filtration System

Whole house carbon filters are a convenient, cost-efficient way to effectively remove or reduce many of the undesirable chemicals, disinfectant by-products and volatile organic compounds commonly found in municipal water supplies.

Plumber's Choice Whole House Carbon CX Filters are designed for household use and are ideal for reducing chloramines and chlorine taste and odor. The system contains catalytic carbon which is more efficient in filtering chloramines than standard granular activated carbon.



For a whole house carbon system to work effectively, it needs to contain the proper type of carbon based on your water's content. Additionally it needs to be properly sized for the home it's installed in. On a properly selected and sized system, you should expect a minimum of seven years and likely longer, before the media needs to be replaced. The variance in longevity is based on water consumption levels and the levels of impurities in your water supply. Carbon beds can be rebedded when the effectiveness of the carbon is exhausted.

We recommend having your service provider check your system annually to ensure it is working properly. Please consult your service contractor for applications other than chlorine taste & odor reduction.



Benefits of the Plumber's Choice Whole House Carbon CX Filter:

- Reduction or removal of chlorine, chloramines and associated disinfectant by-products
- Clean, filtered water from every tap
- Better tasting coffee, tea and other water mixed beverages
- Reduced environmental impact due to bottle waste associated with plastic bottles and the production process
- Increased consumption of convenient, better tasting water
- Pipes will be protected against chloramine's corrosive effects
- Costs saving based on the reduced use of bottled water
- Professional installation and service to back up the product



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System Features:

- 12-volt operation uses less than \$2 of electricity per year
- System software allows a lithium battery to maintain the time of day for up to 8 hours during power outages so all programmed settings and data are maintained
- Powerful, reliable and user-friendly electronics automatically monitor water treatment functions including:
 - Days since last regeneration
 - Gallons since last regeneration
 - Maximum flow rate for the last seven days
 - Current flow rate
 - Total number of regenerations
- Noryl™ corrosion-resistant control valve body, internal parts and corrosion-proof tanks for a longer life; all internal components are lead-free
- Full-flow bypass valve is standard

Operating parameters: Pressure range 40–100 psi; Temperature range 40°–110° F.



What's in the tank?

The Plumber's Choice Whole House Carbon CX Filter contains NSF certified catalytic granular coconut shell based activated carbon. Specialized "catalytic" carbons are superior to standard grades, offering almost twice the monochloramine (chloramines) removal capacity. This carbon is highly effective at the reduction or removal of impurities including chlorine, chloramines, many associated disinfectant by-products including chloroform and other trihalomethanes (THMs), hydrogen sulfide, and many VOCs such as herbicides, pesticides and industrial solvents.

Every Whole House Filter contains a Vortex® plate at the base of the system. This plate increases backwash efficiency by creating tornadic motion and allows for up to 50% less backflush water usage.

Your contractor will be able to help you understand which chemical or chemicals are used in your area and be able to advise you on the system best suited to your needs.

Figure 1.2 Chloramine Removal - Standard and Catalytic Carbons

