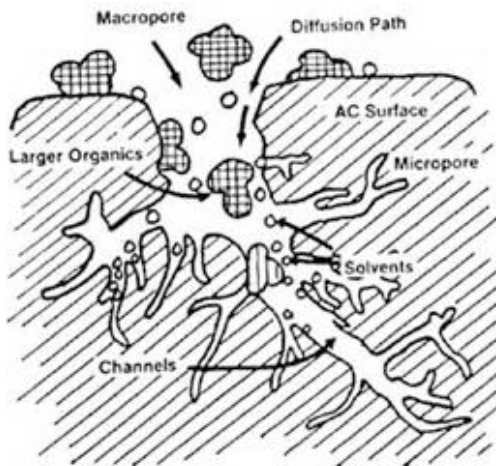


Renew Your Activated Carbon Filters with Hot Water

Water filters which remove tastes and odors from tap water are commonly used on whole house units, kitchen faucets, water pitchers, refrigerator water lines and shower heads. Depending on size, such filters contain a quarter to a few dollars worth of activated carbon (AC) and cost from \$20 to \$60 to replace (every 6 months according to most manufacturers' recommendations). Happily, by simple regeneration and reuse, you can save the cost of new replacement filters.



How AC Regeneration Works:

Activated carbon is a very powerful adsorbent. It binds dissolved water contaminants to its vast surfaces much as water condenses from warm in indoor air on a cold window. Later, as the window warms in the sun, water evaporates, leaving dry glass behind.

AC filter media are regenerated with hot water. Adsorbed or "condensed" contaminant molecules are desorbed or "evaporated" from carbon surfaces and purged from the media in a flow of hot water.



Filter Cartridges

Filter Pitchers

Remove cartridge from housing and secure with packaging twine looped through core and tied. In a deep pot of near-boiling water, completely submerge and drain cartridge at least ten times.

Slowly pour a gallon of near-boiling water through filter.

Refrigerator Filters



Remove cartridge from refrigerator and place in near-boiling water for a few minutes to raise its temperature. Using an ear syringe, back-flush the cartridge with a pint of hot water by applying water through the center hole.