

# What contaminants does the Multipure Filtration System Remove?

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The Solid Carbon Block filter removes toxic contaminants in 3 ways: mechanically, chemical adsorption or reduction, and by chemical reaction.

1. Contaminants mechanically filtered by the Solid Carbon Block filter:

- asbestos – mineral once used in building insulation; known to cause cancer
- cysts – dormant microorganisms that may include bacteria and parasites
- particulates – miscellaneous physical particles that can cause turbidity (general water cloudiness)

2. Contaminants chemically adsorbed or reduced by the Solid Carbon Block filter:

- chlordane – used as a pesticide
- lead and mercury – types of metals; known neurotoxins that can poison the blood, nervous system, and brain
- MTBE (methyl tert-butyl ether) – used as a gasoline additive
- PCBs (polychlorinated biphenyls) – a fluid used in many electrical components
- Radon – a radioactive, colorless, odorless, tasteless gas
- toxaphene – a banned, highly toxic insecticide
- VOCs – volatile organic compounds

3. Contaminants reduced through chemical reaction:

- chlorine and chloramine – chemicals often used as disinfectants

## Detailed Contaminant Reduction List

Multipure® Drinking Water Systems are NSF certified, and tested according to NSF/ANSI Standards 42 (Aesthetics), 53 (Health Effects) and 401 for the reduction of:

- Arsenic V\*
- Asbestos
- Atenolol\*\*
- Bisphenol A\*\*
- Carbamazepine\*\*
- Chloramine
- Chlordane
- Chlorine
- Cyst (Giardia, Cryptosporidium, Entamoeba, Toxoplasma)
- DEET\*\*
- Estrone\*\*
- Ibuprofen\*\*
- Lead
- Linuron\*\*
- Meprobamate\*\*

- Mercury
- Metolachlor\*\*
- MTBE
- Naproxen\*\*
- Nonyl phenol\*\*
- Particulate matter, Class I (0.5 micron)
- PCB
- Phenytoin\*\*
- Radon\*\*
- TCEP\*\*
- TCPP\*\*
- Toxaphene
- Trimethoprim\*\*
- Turbidity
- Volatile Organic Chemicals (listed below):
  - Alachlor
  - Atrazine
  - Benzene
  - Carbofuran
  - Carbon Tetrachloride
  - Chlorobenzene
  - Chloropicrin
  - 2,4-D (Dichlorophenoxyacetic acid)
  - Dibromochloropropane
  - o-Dichlorobenzene
  - p-Dichlorobenzene
  - 1,2-Dichloroethane
  - 1,1-Dichloroethylene
  - cis-1,2-dichloroethylene
  - trans-1,2-dichloroethylene
  - 1,2 Dichloropropane
  - cis-1,3-Dichloropropylene
  - Dinoseb
  - Endrin
  - Ethylbenzene
  - Ethylene Dibromide (EDB)
  - Haloacetonitriles (HAN):
    - Bromochloroacetonitrile
    - Dibromoacetonitrile
    - Dichloroacetonitrile
    - Trichloroacetonitrile
  - Haloketones (HK):
    - 1,1-dichloro-2-propanone
    - 1,1,1-trichloro-2-propanone
  - Heptachlor
  - Heptachlor Epoxide
  - Hexachlorobutadiene
  - Hexachlorocyclopentadiene
  - Lindane

- o Methoxychlor
- o Pentachlorophenol
- o Simazine
- o Styrene
- o 1,1,2,2-Tetrachloroethane
- o Tetrachloroethylene
- o Toluene
- o 2,4,5-TP (Silvex)
- o Tribromoacetic acid
- o 1,2,4-Trichlorobenzene
- o 1,1,1-Trichloroethane
- o 1,1,2-Trichloroethane
- o Trichloroethylene
- o Trihalomethanes (TTHM):
  - Chloroform (surrogate chemical)
  - Bromoform
  - Bromodichloromethane
  - Dibromochloromethane
- o Xylenes (total)

\*Multipure Aquaperform models are certified to reduce Arsenic V. Multipure Aquaversa and Aquadome models do not reduce Arsenic V; however, they reduce all other contaminants listed.

\*\*Multipure Aquadome and Aquaversa models only.

The list of contaminants that Multipure Drinking Water Systems reduce does not mean that these substances are present in your tap water. Be sure to check for compliance with state and local laws and regulations.

You can order a Multipure Filtration System by going online to <http://www.multipureusa.com/redwoodclinic>.

This system is used to reduce the toxins that you consume orally or in food into your body. For methods of removing toxins from your body contact The Redwood Clinic at +1-510-849-1176