

# purahome

## Aquaspace Drinking & Whole-Home Series

With NASA inspired Aquaspace technology you can have healthy water containing all the essential minerals required for health, plus highly efficient toxic contaminant removal, with optional fluoride and nitrate removal. Hi-tech Aquaspace® filtration media reduces the most challenging organic, inorganic, industrial, and agricultural pollutants, as well as, unpleasant odours, colour, taste, and sediment. Aquaspace can be installed to suit your needs: at your sink, whole home, or in portable applications.

### JUST HOW IMPRESSIVE IS AQUASPACE?

- NASA chose Aquaspace from over 30 000 companies
- Independently lab tested versus Evian
- Engineering and Government Agencies:
  - US Presidential Secret Service 1986-1995
  - EPA's Child Care Centre
  - Exxon Valdez Oil Spill



Aquaspace can be combined with the following technologies to better suit the needs of you and your family in a variety of drinking systems:

**NanoCeram**, a second NASA technology, provides enhanced microbial reduction against bacteria, parasites, cysts and viruses!

**Nitrate-Reducing Filter** provides enhanced nitrate reduction to protect you against contaminants from fertilizer run-off and agricultural processes.

**Fluoride-Reducing Filter** provides effective fluoride reduction to protect you and your family from the potentially harmful effects of municipal water fluoridation.

**Alkalizing Cartridge** to enhance the pH and ORP of your water by adding beneficial minerals (i.e.: calcium and magnesium) to improve the health of you and your family.



Portable Carafes



Counter-Top Drinking Systems



Below-the-Counter Drinking Systems  
(comes with your choice of chrome or brushed nickel designer faucet)



Whole Home System  
(available in different sizes)

USA-made filter housings provide superior strength and longevity while making filter changes easier.



## Full List of Waterborne Contaminants Tested for and Successfully Reduced by Aquaspace Technology

### Inorganic Contaminants

### *Most Common Source*

#### **Metals:**

- Lead
- Antimony
- Arsenic
- Bismuth
- Chromium
- Tin
- Silver
- Mercury
- Cobalt

#### **Nonmetals:**

- Chlorine
- Chloramine

*Water Treatment*

### Organic Contaminants

#### **Trihalomethanes:**

- Bromodichloromethane
- Bromoform
- Chloroform
- Dibromochloromethane

*Chlorine Disinfection Byproducts*

#### **Aromatics:**

- Benzene
- Chlorobenzene
- 1,2,4-Trichlorobenzene
- O-Dichlorobenzene
- P-Dichlorobenzene
- M-Dichlorobenzene
- Ethylbenzene
- m-Xylene
- o-Xylene
- p-xylene
- Toluene
- Styrene
- Hexachlorocyclopentadiene

*Gasoline and other fuels  
(natural gas extraction processes)*

*(manufacturing of dyes & pesticides)*

*(manufacturing processes)*

*(pesticide manufacturing)*

*(degreaser)*

*(natural gas extraction processes)*

*(plastic manufacturing)*

#### **Chlorinated Aliphatics:**

- Carbon tetrachloride
- Dibromochloropropane (DBCP)
- 1,1-Dichloroethane

*Cleaning Solvents, Degreasers*

*(P-soil fumigant)*

### Organic Contaminants (cont'd)

### *Most Common Source*

#### **Chlorinated Aliphatics:**

- 1,2-Dichloroethane
- trans-1,2-Dichloroethylene
- 1,1-Dichloroethylene
- cis 1,2-Dichloroethylene
- 1,2-Dichloropropane
- cis1,3-Dichloropropene
- Tetrachloroethylene1,1,2,2,-  
Tetrachloroethane
- 1,1,1-Trichloroethane
- 1,1,2-Trichloroethane
- Trichloroethylene
- Hexachlorobutadiene
- Methylene Chloride\*

*Cleaning Solvents, Degreasers*

*(chemical manufacturing)*

#### **Chlorinated/Nitrated Phenols:**

- Pentachlorophenol
- Phenol\*
- 2,4-Dimethylphenol\*
- 2-Chlorophenol\*
- 4-Chloro-3-Methylphenol\*
- 2,4-Dichlorophenol\*
- 2,4,6-Trichlorophenol\*
- 2-Nitrophenol\*
- 4-Nitrophenol\*
- 2,4-Dinitrophenol\*
- 2-Methyl-4,6-Dinitrophenol\*

*(wood preservative)*

#### **Chlorinated Herbicides & Chlorophenoxy Pesticides:**

- 2,4-D
- Endrin
- Atrazine
- Lindane
- Methoxychlor
- 2,4,5,-TP or Silvex
- Alachlor
- Carbofuran
- Heptachlor
- Heptachlor Epoxide
- Simazine
- Dinoseb
- Ethylene dibromide (EDB)

*Herbicides & pesticides*

*(algae herbicide)*

*(home garden pesticide)*

*(herbicide – weed control)*

*(home garden pesticide, corn)*

*(home garden pesticide, fruits)*

*(herbicide – weed control)*

*(herbicide – weed control)*

*(pesticide, corn, potatoes)*

*(termite pesticide)*

*(byproduct of heptachlor)*

*(herbicide for golf courses, orchards)*

*(herbicide, fruit spray)*

*(pesticide fumigant for produce)*

\* Aquaspace has been tested for this compound as part of a Stress Test.