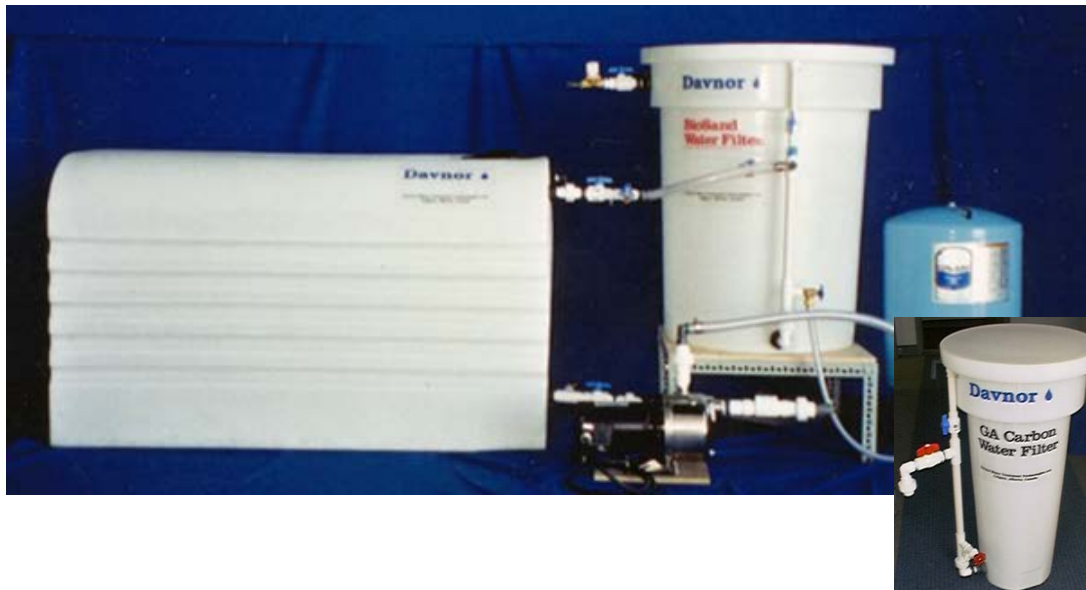




Davnor Water Treatment Technologies Ltd.

Automatically Operated Systems.



BioSand Water Filter Treatment Systems configured for Surface Water Treatment remove:

- ✓ Giardia and Cryptosporidia and other parasites.
- ✓ Bacteria and viruses including fecal coliform bacteria.
- ✓ Algae (pre disinfection may be required).
- ✓ Silt and colloidal clay.
- ✓ Toxins (pesticides and herbicides).
- ✓ Dissolved organics (colour, taste, odour and THM's) with Davnor's gravity operated GAC.

BioSand Water Filter Treatment Systems configured for Groundwater treatment remove:

- ✓ Iron (rust, stains, metallic tastes).
- ✓ Manganese (black stains).
- ✓ Hydrogen sulfide.
- ✓ Slimy deposits resulting from iron and sulfide bacteria.
- ✓ Silt and colloidal clay.
- ✓ Dissolved organics.
- ✓ Arsenic



Pretreatment using pressure filters and chemicals such as oxidants, disinfectants and coagulants and post treatment using GAC, softening, disinfection and reverse osmosis may be used.

- Effective (warm and cold climates).
- Simple to operate and clean.
- Produce very little wastewater when cleaned.
- Almost no maintenance costs.
- Minimal use of chemicals – often none used.
- Ideal pre-treatment for softeners, reverse osmosis (RO), distillers, granular activated carbon (GAC), and ultra-violet disinfection (UV).
- The capacity of an installed treatment system is easy to increase by simply adding more filters.