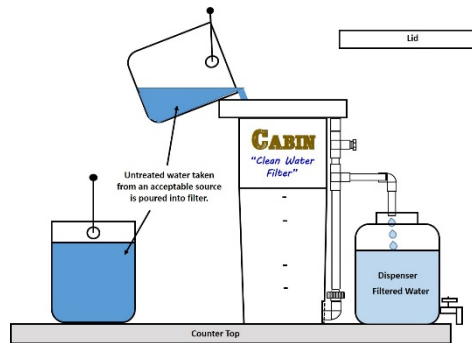


Community Development

The communities considered are typically the urban and rural disadvantaged communities, worldwide, who do not have access to or cannot afford the quantity and quality of water they need and may only be locally accessible to the wealthier and politically knowledgeable segments of their society. Or, access to sufficient, safe water is simply not available. Community development, in this case, implies empowerment to treat whatever water supply is available to a quality safe for human use and consumption. The consequences of lack of access to sufficient, safe drinking water is increased incidence of disease due to water borne pathogens, increased infant mortality, greater dependence on medical assistance (conventional or traditional) at significant expense to the affected individual and their family and the government providing access to the services, lower productivity, poorer quality of life and a decrease in life expectancy.



How can the **CABIN** 'Clean Water Filter' help?

- A project to introduce the **CABIN** 'Clean Water Filter' requires minimal training of personnel from implementing group (agency). Davnor Water Filters Ltd. can train the implementors within one or two days and provide on-going support.
- Community receiving the **CABIN** 'Clean Water Filters' can be educated very easily using selected personnel from their own community, who have been well trained by the implementing agency, to do the introduction.
- Local, provincial and national government agencies can be trained as to the use of the **CABIN** 'Clean Water Filter' technology with minimal effort or expense. This is essential as these agencies will ultimately be responsible for long term support and evaluation.
- The **CABIN** 'Clean Water Filter' can be shipped in 20-foot shipping containers each holding 800 filters complete with media (approximately 1,200 without media) or 40-foot shipping containers each holding 1,500 filters complete with media (or 2,400 without media). Note that it may be possible to source media at destination.

- The implementing group may wish to engage another NGO to assist in broader community development efforts that may follow from the introduction of the **CABIN** 'Clean Water Filter'.

Advantages of the **CABIN** 'Clean Water Filter' include:

- Sand filters of this type have a proven 'acceptance' within communities.
- Health benefits to communities demonstrated by several independent reputable studies.
- Proven technology. All claims supported by independent studies.
- Production of large amounts of safe water in a short time period.
- Compact and light weight. Easily transported and distributed.
- Rugged.
- Unlimited shelf-life. Efficacy of unused filter does not decrease with time.
- Simple to use and maintain correctly.
- Very little or no maintenance.
- No chemicals.
- No need for electricity.
- Inexpensive.
- Very good technical support from Davnor and a number of groups/ agencies.

The use of the **CABIN** 'Clean Water Filter' is greatly enhanced if there is some form of government, business or NGO that is making the technology available and provides whatever technical support is required. Integration into a government program does not exclude business opportunities or NGO activities. They can all be complementary.