

**ELKAY®**



**BACTERIA  
FILTRATION SOLUTIONS**

## TODAY'S WATER SITUATION

### A WORLDWIDE PROBLEM

#### Water pollution in Latin America

With 33% of the world's renewable water resources, Latin America contains the highest availability of water. However, the access to this resource and its polluted state are problems that afflict the entire region.

Several studies have shown that since the 1990s, the pollution of rivers in Latin America, Africa and Asia has gotten considerably worse.

**A United Nations Environmental Report (UNEP) indicated that:** Severe pathogenic pollution affects almost a third of rivers in Latin America. This kind of pollution presents elements in the water that are capable of producing diseases in human beings.

One of the most severe health problems affecting the population that drinks from polluted water is "diarrhea". Diarrhea is an infection caused by ingesting food or water that is contaminated by a variety of germs, viruses, bacteria (ex E. Coli) and protozoa.

This disease causes people to lose liquids and electrolytes, which can lead to severe dehydration, and in some cases, even death.

Amongst the most common bacteria that affects people's health are the Escherichia Coli (E. Coli), which is a group of bacteria that inhabits the intestines of humans and some animals. However, not all E. Coli bacteria are harmless. Some types are quite harmful, causing stomach flus with intense diarrhea and mucus (similar to phlegm), diarrhea with traces of blood or urinary infections.

There are 4 types of E. Coli that cause intestinal infections:

- Enterotoxigenic E. coli
- Enteroinvasive E. coli
- Enteropathogenic E. coli
- E. enterohemorrhagic E. coli

Every year, there are 4 thousand million cases of diarrhea, and unfortunately 1.8 million people die due to this disease (more than 90% are children under five years old).





## ELKAY BACTERIA FILTRATION SOLUTIONS

Water pollution is a growing problem that affects everyone.

To greatly counteract the contamination of water by bacteria, Elkay offers three great filtration solutions that can be installed indoors.

Each of these solutions are designed to adapt to any kind of place, location and budget.



When you see this seal you have the guarantee that you are acquiring one of the 3 Elkay Bacteria Filtration Solutions.

**BACTERIA**  
**FILTRATION**  
SOLUTION

## 35,000-GALLON BACTERIA WATER FILTRATION SYSTEM

This water filtration system reduces aerobic mesophilic bacterial organisms and coliform bacteria by mechanical means. Your water will not only be pure but it will also taste better.

This filtration system complies with the Official Mexican Norm NOM-244-SSA1-2008 and can be used in a variety of drinking fountains and bottle fillers with external installation; ideal for use in areas with high traffic such as universities, schools, commercial centers, hospitals and even offices.

We also recommend this filter for residential use.

Based on its capacity of 35,000 gallons (132,000 liters), the recommended filter lives are: PP - six months and CB - twelve months.





INSTALLATION

35,000-GALLON BACTERIA WATER FILTRATION SYSTEM



For residential filtration installation use with the Glass Filler (LK1110).

RESIDENTIAL FILTRATION INSTALLATION



BOTTLE FILLING INSTALLATION



| MODEL    | FLOW RATE           | CAPACITY                        | DIMENSIONS (mm)                      |
|----------|---------------------|---------------------------------|--------------------------------------|
| WSP35000 | 3.17 gpm (12 L/min) | 35,000 gallons / 132,000 liters | (L) 282 mm x (W) 142 mm x (H) 478 mm |



Replacement  
PP= WSP35000SR



Replacement  
CB= WSP35000R



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