

# Homespring\*

## Homespring means Protection

### The Environmental Challenge

Many water treatment systems on the market take up space underneath the sink, in the refrigerator or on the countertop. They require constant monitoring, frequent replacement and provide water of questionable purity. These systems are inconvenient to use and provide a limited supply of water to the home, usually through one special tap in the kitchen.

### GE's Innovative Solution

The unique Homespring from GE Water & Process Technologies uses advanced hollow fiber ultrafiltration membranes to safeguard public health by reducing contaminants such as parasites, bacteria, viruses and particles from municipal, groundwater or surface water sources. The units filter water at the point of entry to the home and can provide safer, clean water to every faucet and bath. Bundled together the systems can supply a cluster of homes in a small community. The versatile systems operate solely by inlet water pressure and require no chemicals to disinfect water.



ecomagination<sup>SM</sup>  
a GE commitment



## Environmental Impact

The 670 kWh yearly energy savings from using a Homespring system instead of an Ultraviolet unit is equivalent to approximately three weeks of all power usage in an average American home, with approximately 890 lbs of associated carbon dioxide emissions.

When used to replace the use of 1 liter containers of bottled water, the Homespring not only significantly reduces the cost of water per liter, it also can reduce annual plastic disposal for a family of four by 54 kg and reduce annual Greenhouse Gas Emissions by 162 kg. In a 500-worker factory or office, it can reduce annual plastic disposal by 9,250 kg and reduce Greenhouse Gas Emissions by 27,750 kg.

## Cutting Costs

A single Homespring unit can treat as much as 5,000 gallons of water per day. The Homespring system, used for surface water treatment in Small Public Drinking Water Systems (5,000 gallons per day), offers up to a 52 percent reduction in capital cost and a 36 percent reduction in operating cost compared to conventional technologies.

A Homespring Central Water Purifier can yield additional savings to the homeowner by eliminating the need for bottled water and the costs of maintaining kitchen-based water treatment systems. Homeowners can enjoy peace of mind and take water quality for granted with the convenience of a Homespring Central Water Purifier.