

# SOFT N' PURE™



## ULTRAVIOLET, CARBON FILTRATION & SOFTENING SYSTEM

SWT's **Soft n' Pure Whole House Water Purification System** is the first affordable water treatment system to not only soften water, but also remove or significantly reduce over 100 carcinogenic chemicals as listed by the EPA, and also disinfect the entire home's water supply against harmful pathogenic bacteria such as: E. Coli, bacillary dysentery, typhoid, cholera, and others.



- 30,000 microwatts of UV power
- Up to 33,000 grain softening capacity
- Flow rates up to 10 gallons per minute
- Corrosion-free fiberglass tanks and Noryl valves
- Fully programmable, energy efficient controller

Constant improvements in water treatment technology have allowed the Soft n' Pure system to be manufactured on a scale that for the first time is both affordable and easy to maintain.

A step up from reverse osmosis, SWT's Soft n' Pure system is capable of not just treating 10 or 20 gallons of water per day for drinking, but is capable of actually purifying *several hundred gallons per day*. It will treat all the water for every sink, faucet, shower, and bathtub throughout the home.

**PATENTED PRODUCT**

# THE SOFT N' PURE WHOLE HOUSE WATER PURIFICATION SYSTEM



## HOW THE SYSTEM WORKS:

**Stage 1:** A fully automatic demand regeneration water conditioner not only softens the water, but also removes lead, iron, radium, and filters sediment.

**Stage 2:** The water then enters a compacted bed of steam activated carbon. This removes or reduces unpleasant taste and odors, and also chlorine, pesticides, THM's, PCB's, and other common chemicals that have been found in water supplies and have been defined as carcinogenic by the EPA. See below for a more extensive listing.

**Stage 3:** The water exits through a stainless steel disinfecting chamber which bombards bacteria, viruses, and harmful microorganisms with high levels of germicidal ultraviolet light and renders them harmless. This process of purification works without chemicals and leaves no residual in the water. Ultraviolet irradiation is now accepted by both the EPA and the FDA as a safe, effective method of sterilization.

SWT's **Soft n' Pure Water Purification System** will remove completely, or reduce significantly, the following contaminants from water:

Adipates(diethylhexyl)	Chromium (+3)	Endrin	PCB's
Alachlor	Chrysene (PAH)	Ethylbenzene	Sediment
Aldicarb	Dalapon	Ethylene dibromide(EDB)	Simazine
Aldicarb sulfone	Di (2-ethylhexl) adipate	Glyphosate	Styrene
Aldicarb sulfoxide	Dibenz (a,h) anthracene	Heptachlor	3,7,8-TCDD (dioxin)
Atrazine	Dibromochloropropane	Heptachlor epoxide	2,4-D
Benz (a) anthracine (PAH)	Dichlorobenzene (meta-)	Hextachlorobenzene	2,4,5-TP (silvex)
Benzene	Dichlorobenzene (ortho)	Hextachlorocyclopentadiene	TCB's
Benzo (a) pyrene (PAH)	Dichlorobenzene (para-)	Indo (1,2,3-c,d) pyrene (PAH)	TCE's
Benzo (b) floranthene (PAH)	Dichloroethane (1,2-)	Lidane	Tetrachloroethylene
Benzo (k) floranthene (PAH)	Dichloroethylene (1,1-)	Mercury (organic complexes)	Thallium
Beryllium	Dichloroethylene (cis-1,2-)	Methoxychlor	THM's
Butyl benzyl phthalate (PAE)	Dichloroethylene (trans-1,2)	Monochlorobenzene	Toluene
Cadmium	Dichloropropane	Organic color	Toxaphene
Carbofuran	Diethylhexyl phthalate (PAE)	Organics	Vinyl chloride
Carbon tetrachloride	Dinoseb	Oxymal	Xylenes
Chlordane	Diquat	Pentachlorophenal	
Chlorine	Endothall	Picloram	