

# Hydrosafe®

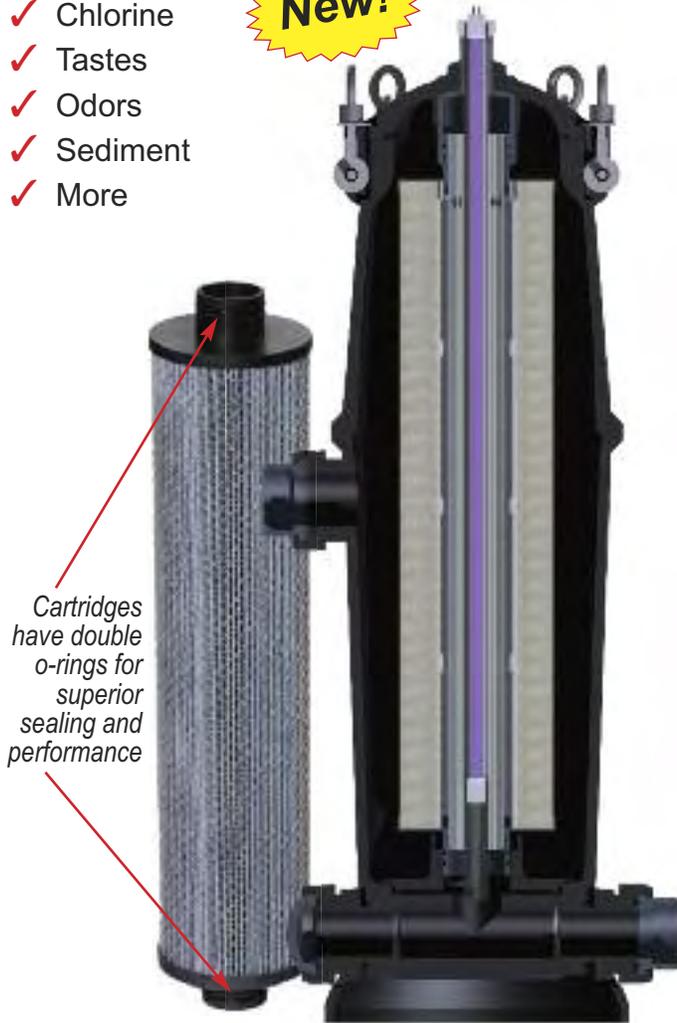
## Whole House Filtration and Water Treatment

### Triple-Treat™ Protection

The innovative HydroSafe® filtration system incorporates three technologies in one unit to provide three-step treatment to remove:

- ✓ Bacteria
- ✓ Cysts
- ✓ Chlorine
- ✓ Tastes
- ✓ Odors
- ✓ Sediment
- ✓ More

**New!**



Cartridges have double o-rings for superior sealing and performance

**Hydrosafe®**

### Part Numbers

Part	Part Number
System	HSFS
Cartridge	HSFSCART-PAC
Lamp	HSFSLAMP
Sleeve	HSFSQUARTS
Ballast	WUVBALLAST6-12
Coupler, 1"	HSFSCOUPLING-T

### Three-in-one technology

Provides peace of mind and safe, great tasting water, supplied to every tap in the house. Here's how it works:

#### Step #1

##### 0.2 Micro-filtration

Hydro-Safe filter cartridge is pleated for greater surface area using a micro-fiber, rated at 0.2 micron. This unique filter media is certified under NSF / ANSI Standard 53 for cysts reduction with the capacity to remove sub-micron particles and harmful microorganisms with very little pressure drop or flow restriction.

#### Step #2

##### Carbon Treatment

An exceptionally fine activated carbon powder is added to the sub micron filter fiber using an electrostatic bonding process. Activated carbon provides a secondary treatment process to remove chlorine, taste and odors.

##### UV Light disinfection

During the final process, water flows into a stainless steel reaction chamber where it is exposed to a 254 nanometer UV lamp. Inside this chamber bacteria, viruses and other harmful microorganisms are destroyed to provide disinfection without the use of chemicals.

### Specifications (Model HSFS)

Flow rate (max.)	14 GPM
Voltage (lamp)	110 Volts
Cartridge capacity (Gals./ average use)	200,000 Gallons
UV dose rate (mJ/cm2)	40,000 +
Bacteria reduction*	99.9%

\*E Coli used for tests with cartridge in place.

**IMPORTANT:** It is essential to install a one micron pre filter prior to the unit to extend the life of the 0.2 micron cartridge.

### Independent lab validated

Hydro-Safe systems have been tested by Bio-Vir labs to validate performance.

Test results confirm bacteria is reduced by 99.9%.

E coli bacteria used for tests.

