

Hydro[®]safe



Triple-Treat™ Protection
For Whole House
Water Treatment.

*Three-in-one technology
for removal of:*

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

*Peace of mind and
“triple-treat” protection
for safe, great tasting water
supplied to every tap
in your house.*



Get Triple-Treat™ protection for every water tap in your house with the Hydro-Safe filtration system!

Get safe, great tasting drinking water, delivered to every tap in your house with the Hydro-Safe filtration system for whole house water treatment.

The unique Hydro-Safe filtration system incorporates three technologies in one unit to provide three-step treatment to remove harmful bacteria, cysts, tastes, odors, sediment, chlorine and other harmful drinking water contaminants.

Here's how the "triple-treat" process works!

Step #1

0.2 Micro-filtration

The 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 and has the capacity to remove sub-micron particles and harmful microorganisms with very little pressure drop or flow restriction.

This is an important step in the triple-treat process.

Step #2

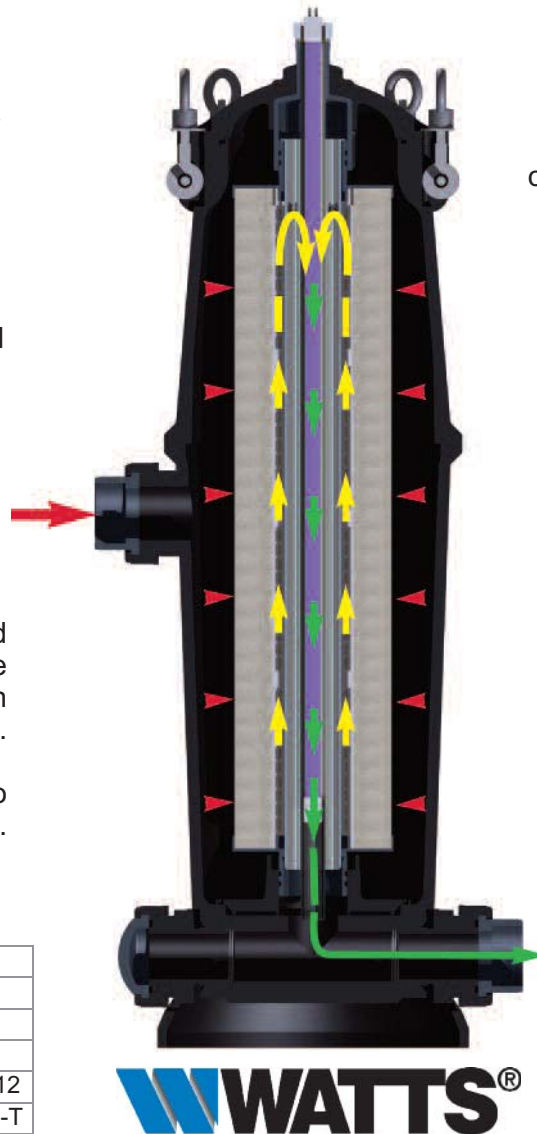
Carbon Treatment

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.

Spare Parts

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

Note: Ballasts are CE certified.



Step #3

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.



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.)

Note:

Cartridges have double o-rings for superior sealing and performance.

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.



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