flotender™
Greywater Irrigation Systems

Sustainable Irrigation with Greywater.

**Flotender Is:**
A water saving irrigation system which utilizes greywater for irrigation.

**Flotender Includes:**
The filtration and pumping system required to prepare the greywater for use with drip irrigation.

**Flotender Conserves:**
More water than any other water conservation system or device on the market.
The Flotender System prepares greywater for reuse in irrigation for both residential and commercial applications.

**Multiple Zones**
Supports up to 2 irrigation zones which can be switched manually.

**Flexible Irrigation Options**
Greywater can be pumped immediately to the irrigation system or temporarily stored for scheduled irrigation.

**Self-Cleaning Greywater Filter**
Greywater is filtered to 150 mesh through a multi-stage filtration process with a self-cleaning primary filter.

**Built-In Greywater Containment**
The Flotender System includes built-in greywater storage / surge containment which is expandable to suit any installation size.

**High Pressure Irrigation Pumping**
Flotender provides high-head pumping, allowing for the delivery of pressurized water to landscapes of varying elevation gain.

**Use with Drip Irrigation**
The Flotender System is compatible with virtually any .5 GPH or larger self-flushing, pressure compensating above ground or sub-surface drip emitter on the market.

**Advanced Systems:**
For greywater irrigation applications requiring additional advanced features consider GreyLink, Filtrific's most comprehensive line of greywater irrigation systems. GreyLink Systems feature:

- Advanced Irrigation Scheduling
- Up to 16 Irrigation Zones
- Automatic Weather Adjustments
- Remote Irrigation Control & Reporting

Visit www.greylinksystem.com for additional system information.

**Potable Water Backup**
When insufficient greywater is produced to irrigate the landscape, Flotender will supplement the irrigation system with potable water or stored rainwater.
How Flotender Works

1. Greywater is Produced
Showers, washing machines and sinks can be connected. Greywater flows out of the building through a separate line.

2. Diversion Option
In the event of rain or freezing temperatures a 3-way valve allows for the inflowing greywater to be diverted back to the sewer.

3. Processed
The Flotender Greywater Processor removes debris from the greywater in preparation for reuse in drip irrigation.

4. Scheduled Irrigation Option
If a pump timer is installed, the greywater is stored until a scheduled irrigation time when the greywater is pumped into the drip irrigation system.

5. Immediate Irrigation Option
If a pump timer is not installed, the filtered greywater will be immediately pumped into the drip irrigation system after filtration has taken place.

6. Potable Water is Added if Needed
If insufficient greywater is produced to adequately irrigate, additional potable water can be added to the system.

U.S. Patent: 8,961,782 B2
The Flotender Greywater Processor provides greywater filtration, pumping and containment prior to irrigation.

**Filter Access Cap with Compression Latch**
Provides easy access to the filters without removing the bolt down lid

**Primary Filter**
Features a detachable 150 mesh (100 micron) stainless steel filter element

**Bolt Down Lid**
Provides a pump chamber which is tamper resistant

**Debris Guard**
Prevents debris from falling into the Greywater Processor when the bolt-down lid is removed

**Irrigation Pump and Float Switch**
Supports up to two irrigation zones with a manual 3-way valve

**Self-Regulating Filter Wash System**
Provides multi-point rotary spray to the primary filter ensuring that water flows freely through the filter element

**Processor Shell**
Provides protection for the internal workings of the Greywater Processor as well as contains the greywater stored in the built-in surge reservoir

**Filter Element**

**Filter Flush Tubes**
Automatically removes debris from the primary filter

**Filter Carriage**
Supports the primary filters and is easily removed to allow access to the pumping chamber

**To Irrigation System**

**Secondary Filter**
Provides additional greywater filtration

**Performance Indicators**
Visual indication on the performance of the Greywater Processor

**Auto-Fill Air-Gap**
Provides back-flow protection for the Potable water or Rainwater Auto-Fill

**From Potable Water or Stored Rainwater Source**

**Add-On Greywater Storage / Surge Containment Units**

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