

BASIC vs SMART GREYWATER SYSTEM

The Smart Greywater System is our top-of-the-line system for new construction and major remodels that operates the same as a traditional irrigation system. Our Basic System is a much-simplified system that provides the least expensive option to pump, filter and distribute greywater to drip irrigation in the landscape. The following provides a detailed comparison between our Basic and Smart Greywater Systems.

	Basic	Smart
Cost	✓ Cost is lower	Cost is higher
Size	✓ Small space requirements allow for easier integration into existing homes.	Tank & Manifold are larger and may be difficult to install in existing homes with limited space.
Simplicity	✓ A simple functioning system with off the shelf components.	System has proprietary components and high level of sophistication.
Maintenance	✓ Low maintenance (once per year)	✓ Low maintenance (once per year)
Compatibility	Does not operate like a traditional irrigation system (doesn't use valves or irrigation controllers) and it's functioning will be unfamiliar to landscapers and other professionals.	✓ Operates the same as a traditional irrigation system. Easier to integrate with new and existing landscape irrigation systems.
Standardization	Specific drip irrigation tubing/emitters needs to be used which requires less filtration (400 micron) vs traditional irrigation emitters (100 micron).	✓ No special requirements for the irrigation system. Landscape/irrigation designer can use standard valves, controllers, and other irrigation equipment without having to modify their designs/ installations for the greywater system.
Scalability	Size of irrigation area (how many plants can be watered) is determined by how much greywater the household produces. Medium or large yards may need a separate traditional irrigation system to be installed if greywater cannot supply all the landscape's water needs.	✓ System can supply small to very large landscapes without any issues. Future changes to irrigation system are easily accommodated.
Adaptability	The size and layout of the drip zones need to be well thought out in advanced so that plants are not over or underwatered. Increasing or decreasing drip zone size in future can affect how much water the plants receive.	✓ No issues changing or adding drip zones after the systems is installed.
Efficiency	Doesn't provide as precise watering to the plants like a traditional irrigation system which uses an irrigation controller to apply the water.	✓ Precise amounts of water are applied to the plants, same as a traditional irrigation system.
Water-Use Monitoring	System is not compatible with water monitoring.	✓ System is compatible with our Smart and Advanced water-use monitoring systems.
Rainwater Ready	Cannot incorporate rainwater.	✓ Can incorporate another water source like rainwater or well water.