

IrriGRAY is simply the best residential, multi-family and commercial graywater and alternative irrigation system available, and continues to improve as more features are added.

But Don't Just Take Our Word: These [Top 5](#) Reasons for including graywater in their offering, and choosing IrriGRAY, come from our Builder Clients, across the US.

[Top 5](#) Reasons Builders Offer Graywater as an Irrigation Solution:

- Adds to the Builders' Competitive Advantage / Green Building**
All builders seek that extra reason for a client to choose You as their builder. Graywater Irrigation is still relatively novel, although in demand from clients when they understand how automated graywater systems enable & protect landscape enjoyment while saving money every year.
- Provide Curb Appeal**
We all know previous builds are critical to Builders' future success. Attractive, irrigated landscapes add significant visual appeal to your portfolio, and this is only possible with alternate water sources (instead of restricted potable water).
- Reduce Public Resistance to Development**
The public knows water is becoming more scarce through population growth and climate variability. Builders and Developers overcome a portion of public resistance to development by reducing demand on existing potable water infrastructure.
- Least Expensive Source of Alternate Water**
Because Graywater is generated every day, and best used immediately, expensive storage is not required. Relying on Rainwater requires volume storage at significant cost. Per effective gallon of irrigation, a Graywater system such as IrriGRAY is less than a third of the cost of comparable Rainwater systems (although there are legitimate reasons for incorporating Rainwater, and IrriGRAY will manage this automatically).
- It Just Feels Right**
Most Builders live in their target communities, and simply want to do the right thing while helping their community grow. A typical IrriGRAY client saves around 200,000 gallons of potable water per year by re-using graywater instead of potable spray, and that simply feels great.

[Top 5](#) Reasons Builders Choose IrriGRAY, by Water ReNu:

- Simple Installation**
IrriGRAY was designed to be as simple as possible to install. With 3 plug and play modules (Collection / Pumping Basin, Filter / Water Management Module, System Controller), plumbing and electrical connections are a snap.

With an easy to read installation guide, unlimited fast phone support for contractors by our experienced team, IrriGRAY saves time and money.

Because the Collection/ Pumping basin is small (18" Diameter) very little earthwork is required, especially compared to other systems.
- System Monitoring & Client Support**
The automatic IrriGRAY Monitoring system notifies clients (and maintenance contractors) of any issues before they can impact the landscape. This is highly valued by builders as they do not need to become involved.
- Price / Solid Payback**
With an average incremental price of \$4,000 (above a standard spray irrigation system), IrriGRAY has a typical ROI period of just 4 years.

Competitor multi-zone graywater systems cost 3 to 4 times as much, and without providing essential benefits such as monitoring and future upgrades.
- Full Pre-Sale & Installation Support**
Part of the installation process is consulting the Client to determine their landscape desires, and advising which sources of water are the most economical to achieve this.

Water ReNu has the experience and tools to quickly provide No Obligation and No Pressure costed solutions for the Client to choose, at no cost to the Builder.
- System Flexibility**
IrriGRAY was designed from the outset to be a complete water management and Irrigation system, incorporating virtually any type of alternate water available onsite, plus backup from potable supply.

IrriGRAY is suitable for Small Residential up to Large Multi-Family and Commercial needs, so whatever your requirement, it won't hurt to call. We have earned our reputation as water management experts. Builders often call us with 'what if?' scenarios.





Cabinet Dimensions:

Height: 48"

Width: 30"

Depth: 11"

Builder: Von Rosenberg Custom Homes, San Angelo

Plumbing: Knockout Plumbing, San Angelo

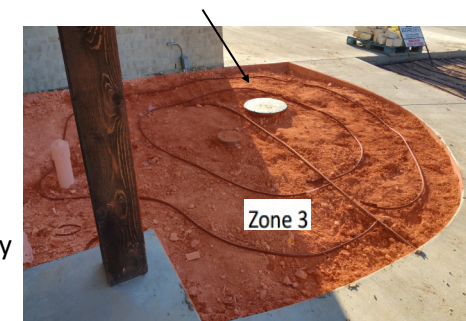
Irrigation: West Texas Irrigation, San Angelo

Most IrriGRAY installations in new homes have the filter / water management module and controller installed in the garage.

The optional IrriGRAY Cabinet is provided with the filter pre-mounted, with room for additional plumbing components such as a hammer arrester, pressure adjustment and shutoff valve.

A key advantage of the IrriGRAY system is the very small footprint. Just 48"x30"x11" for the cabinet, and an 18" graywater capture and pumping basin.

In this example, the RP (Reduced-pressure principle backflow prevention assembly) was installed adjacent to the hot water / services cabinet, removing any risk of freeze issues.



To ensure a smooth installation process, provide copies of the installation manual to your plumbing and irrigation contractors, and complete the following checklist:

Electrical

- ☒ 1 x dedicated 110v 10 Amp circuit, without GFCI protection, in wall junction box behind location of controller box.
- ☒ 110v Cable Run from junction box to external electrical socket for graywater pump connection.

Plumbing Rough In

- ☒ Determine optimal location of RPZ
- ☒ Determine location of graywater pumping basin.

Plumbing Rough In (Cont.)

- ☒ Install basin, including graywater (showers, laundry, tubs) tie in, and overflow / bypass to sewer / septic waste.
- ☒ Provide the following connections from the basin into projected wall space for later installation of the

- Filter to Waste.
- Potable supply.
- Filter to Irrigation.
- Graywater from
- Basin to Filter.
- Electrical conduit from Cabinet to Basin and Irrigation solenoid valves.