

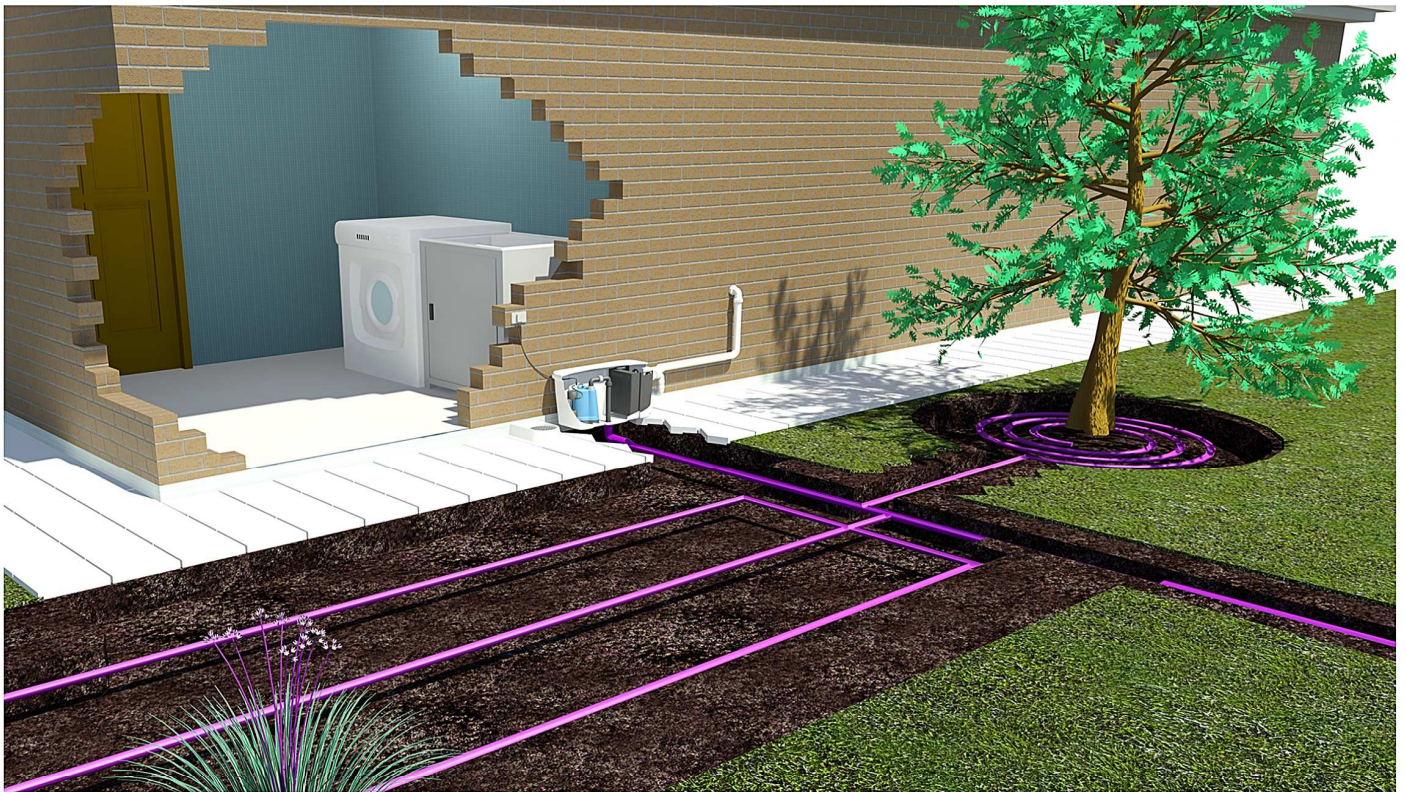


G-Flow System

GreyFlow Above Ground Series

OIM Manual

Operation - Installation - Maintenance



**Two Year
WARRANTY**

Grey Water Reuse System

G-Flow (GFGF)



"moving water"

www.greyhubirrigation.com

Contents:

OPERATION:

Selection & Operation	Page 3
Requirements	Page 4

INSTALLATION:

Parts list & Components	Page 5
Important Do's and Don'ts	Page 6
Operating Modes	Page 7
Step One: G-Flow tank positioning	Page 8
Tank Positioning for New Homes	Page 9
Step Two: Plumbing and power connection	Page 10
Step Three: Installing the irrigation system	Page 11-12

MAINTENANCE	Page 13
--------------------	---------

TERMS OF WARRANTY	Page 14
--------------------------	---------

DISCLAIMER	Page 15
-------------------	---------

Selection and Operation

Congratulations, You've taken an important step towards environmentally friendly living with your purchase of the G-Flow greywater diversion and reuse system.

The G-Flow System was developed for above ground / partially buried installations and can be retrofitted into almost any house.

In some parts of the world the G-Flow is known as the automatic bucketting system, and has been used extensively in drought stricken areas to keep garden green, save water, and beat water restrictions.

Please note: Due to its high fat content, water from kitchen is harmful to soils, and is not considered suitable for reuse in gardens with the G-Flow system.

Manual diversion of the Grey Water to sewer is achieved through the 3 way manual valve supplied with the unit.

Requirements

- The water discharge should be kept below mulch or soil (check for local state, municipal & council laws and regulations)
- 110 Volts power supply should be available
- The G-Flow can be turned off during wet conditions and any sign of accumulation or run-off
- All minimum irrigation areas and set back distances must be in accordance to local regulations
- Table 1.0 provides an estimated average volume of greywater that is generated in various parts of the house. Refer to your greywater state guidelines to evaluate your minimum irrigation area requirements.

Table 1.0

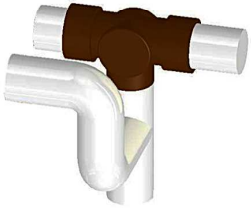
Number of bedroom in the house	Assumed number of people in the house	Potential water reuse from the laundry only (in Gal/day)	Potential water reuse from the bathroom sinks & showers only (in Gal/day)	Total potential water reuse from the entire house (in Gal/annum)	Recommended Minimum & Maximum irrigation area (sqft)
1	2	30	50	29,200	100 - 1000
2	3	45	75	43,800	150 - 1500
3	4	60	100	58,400	200 - 2000
4	5	75	125	73,000	250 - 2500
5	6	90	150	87,600	300 - 3000

Parts List & Components

The G-Flow Complete System is supplied with:



1 x G-Flow lid cover



1 x 2" Three-way valve with inlet & outlet manifold



4 x Lint filters



1 x G-Flow filter basket



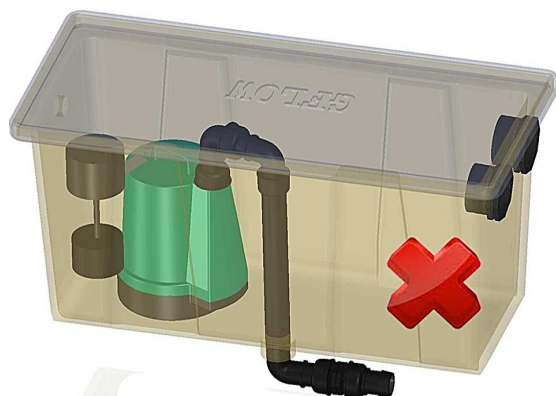
1 x G-Flow tank fitted with a float controlled submersible pump



1 x Corflute Grey Water warning sign

Important Do's and Don'ts

- Never operate the G-Flow system without the filter basket and the lint filters



- Never operate the G-Flow system with the supplied protective packaging foams, make sure to REMOVE the two foams before use.



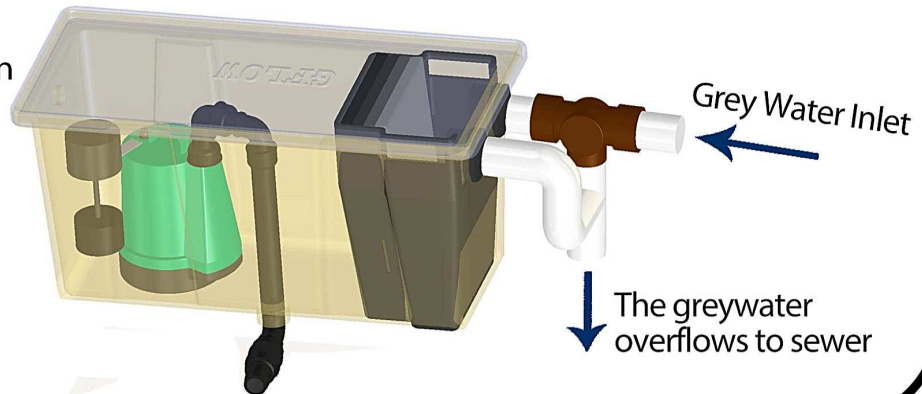
- Make sure to insert the lint filters all the way down inside the filter basket



Operating Modes

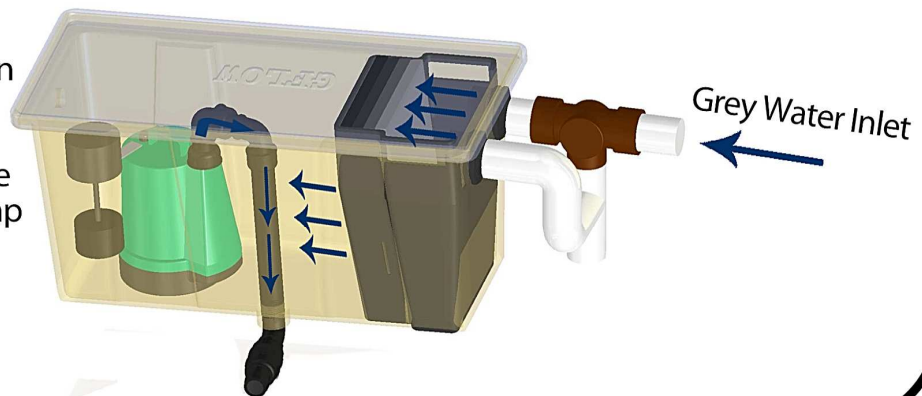
G-Flow in shut off mode

The 3 way diversion valve is closed and the greywater is forced into the sewer overflow



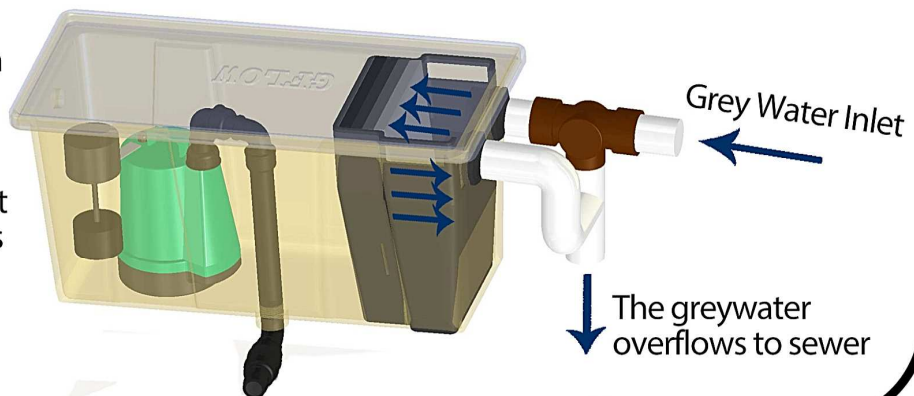
G-Flow in operation with clean filters

The 3 way diversion valve is open and the greywater is forced through the filters into the pump out chamber



G-Flow in operation with blocked filters

The 3 way diversion valve is open and the greywater is forced into the blocked filter basket and then overflows to sewer



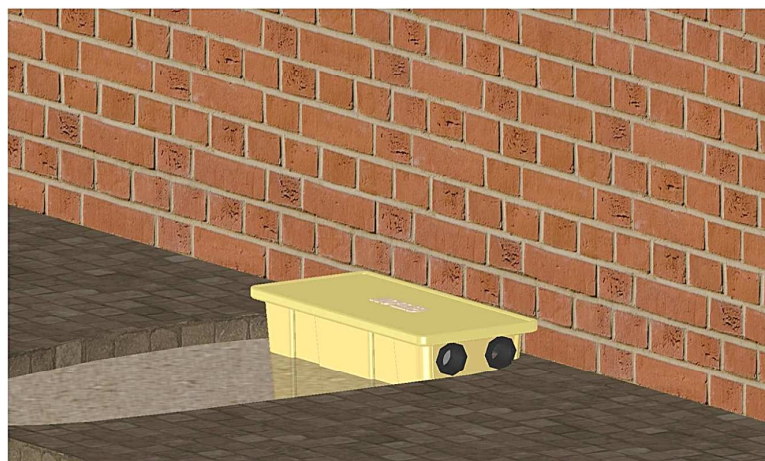
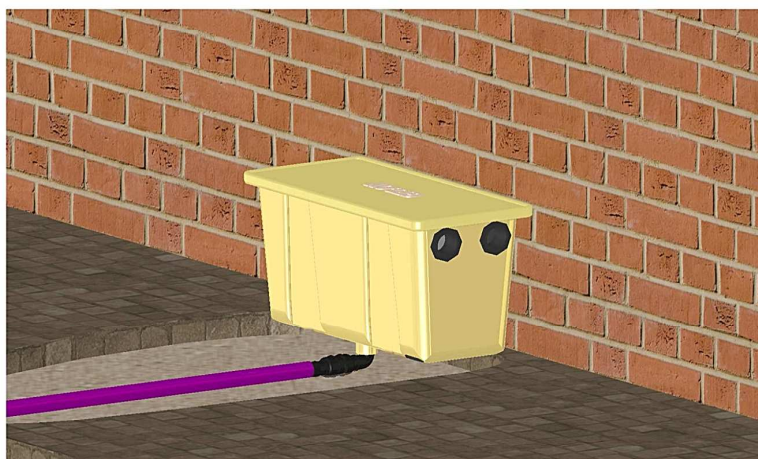
Step One: G-Flow Tank Positioning



Option 1: Wall mounted option

(Wall mounting bracket available for purchase separately)

Option 2: Above ground option

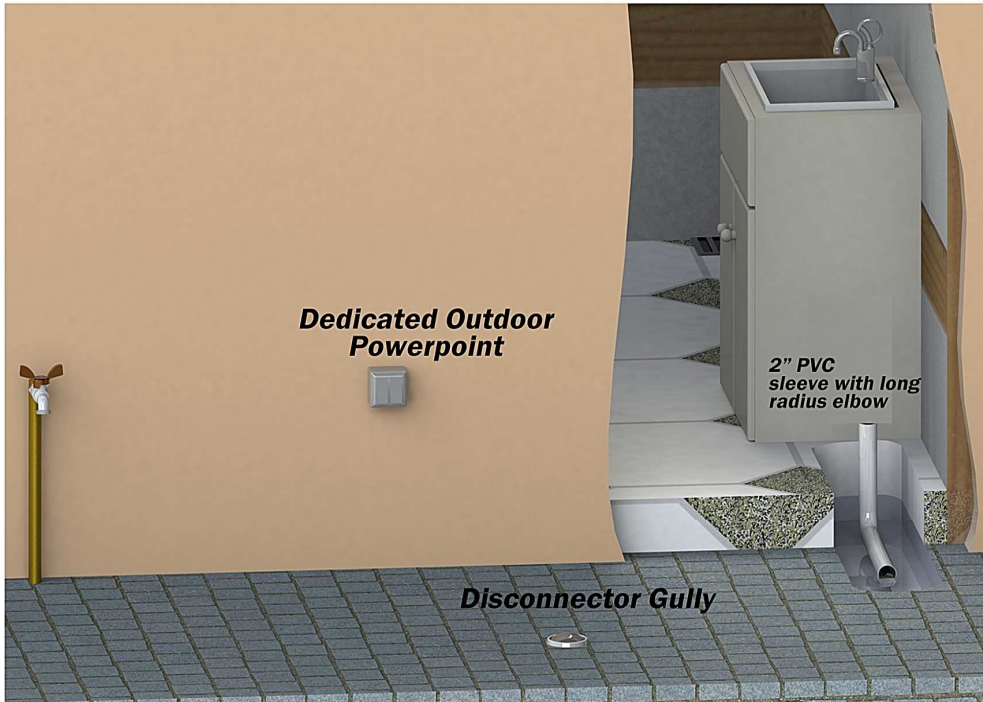


Option 3: Partially buried option

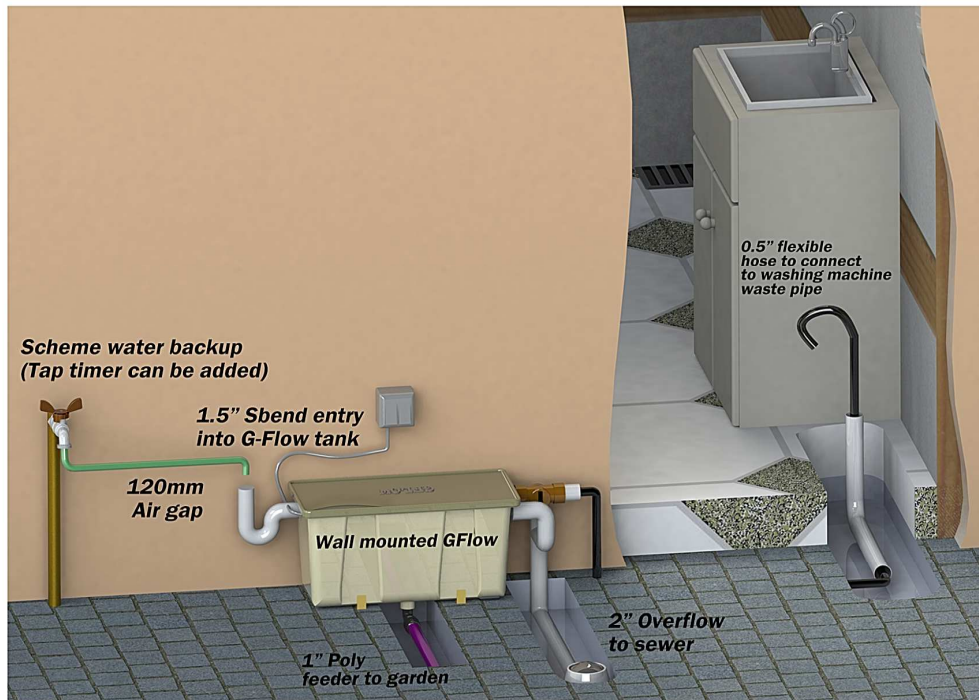
(in paving or garden bed area)

Tank Positioning for New Homes

Stage 1: Getting the house G-Flow ready

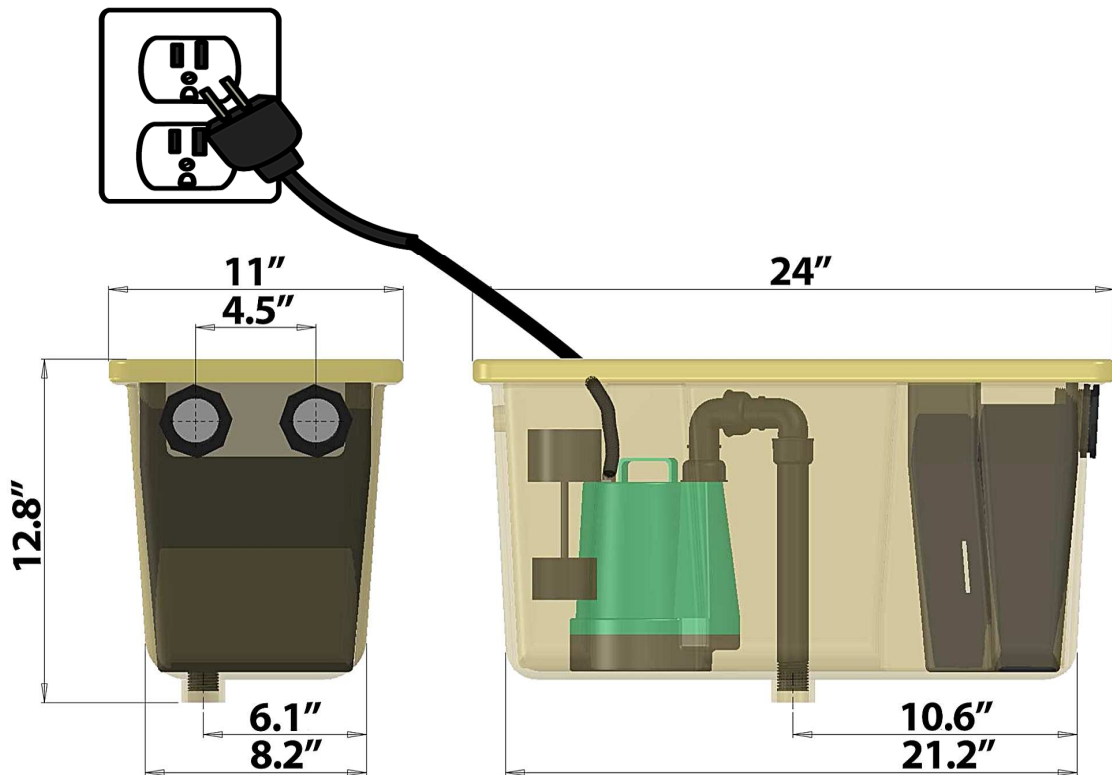


Stage 2: Installing the G-Flow system & the irrigation components (Preferably before paving work)

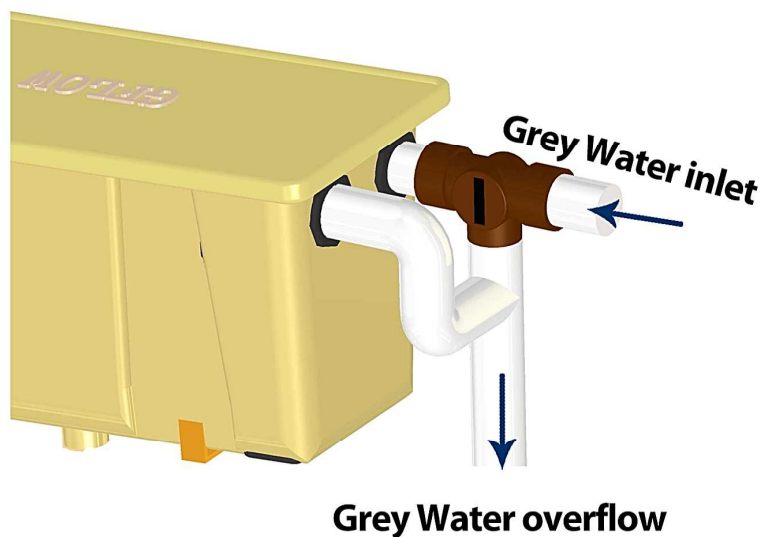


Step Two: Plumbing and power connection

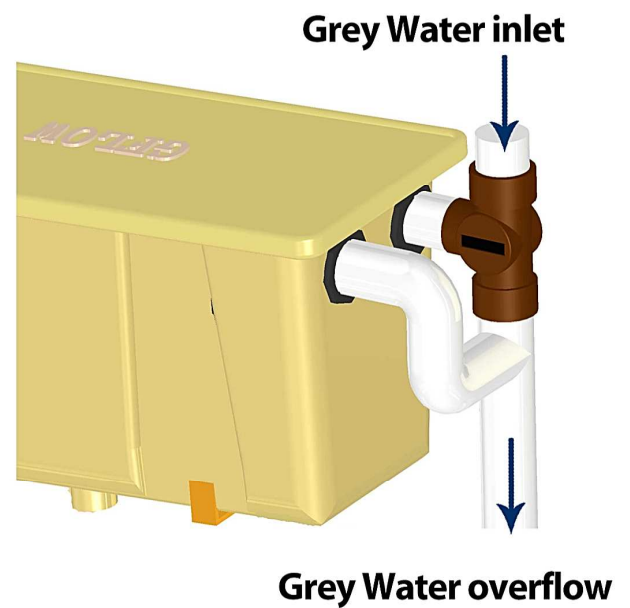
Outdoor GPO



Option 1:

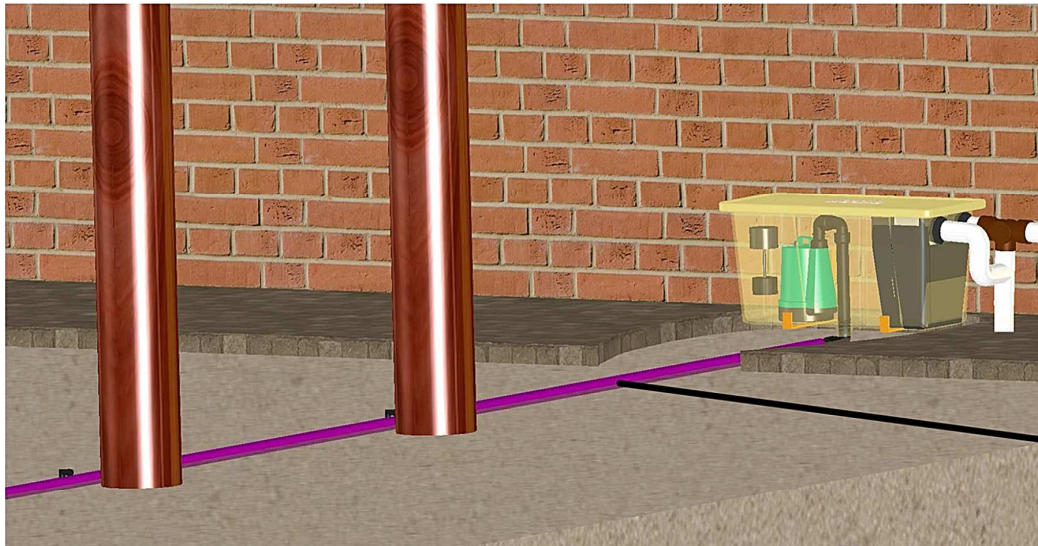


Option 2:



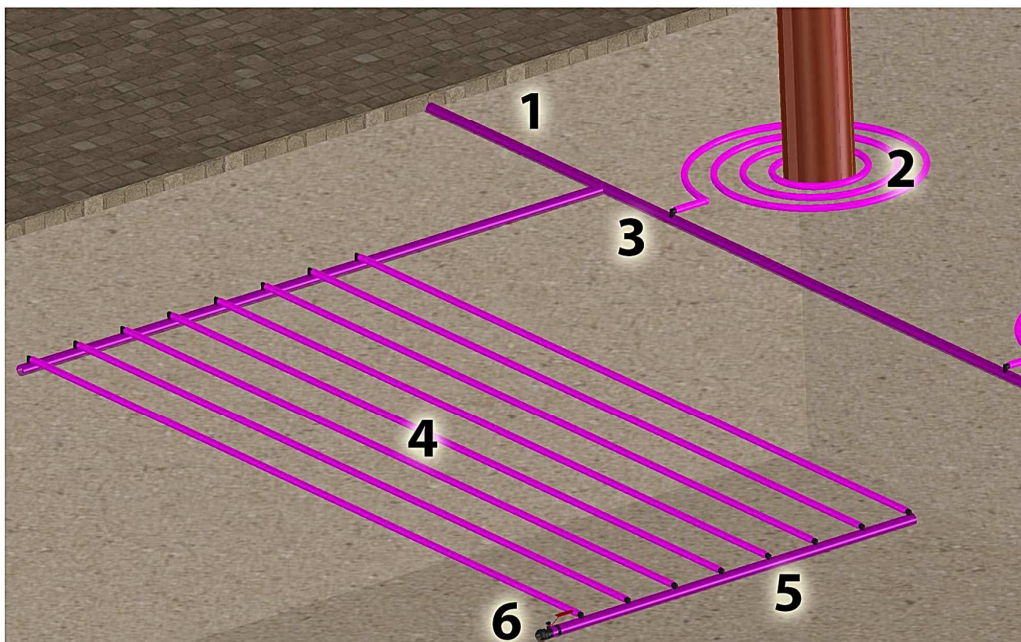
Step Three: Installing the Irrigation System

Option 1: Single Station G-Flow with GF Drip-Tube Kit



Minimum pipe size 1"

Installing the GF Drip-Tube irrigation lines



1. 1" or larger feeder pipe
2. Coil of GF Drip-Tube around trees
3. Elbow take-off adaptor
4. 0.6" GF Drip-Tube (no more than 7 yd length)
5. 1" flush manifold
6. Manual flush valve

Grey Water Warning Sign to be visible at all times →

GREY WATER
IN USE ON
THIS PROPERTY

***Use of a non Grey Flow dripline will void the system warranty**

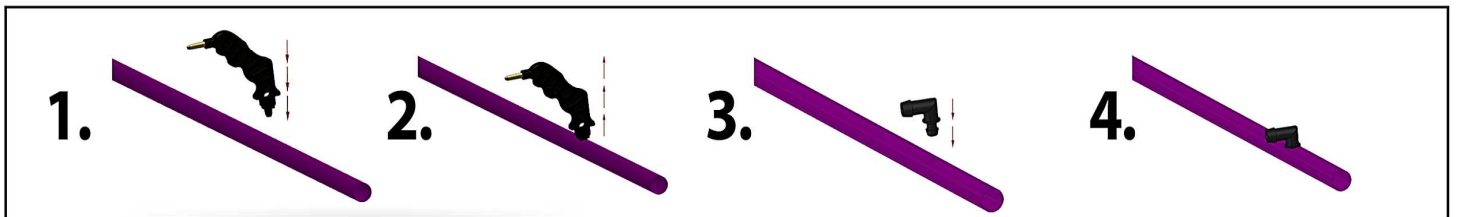
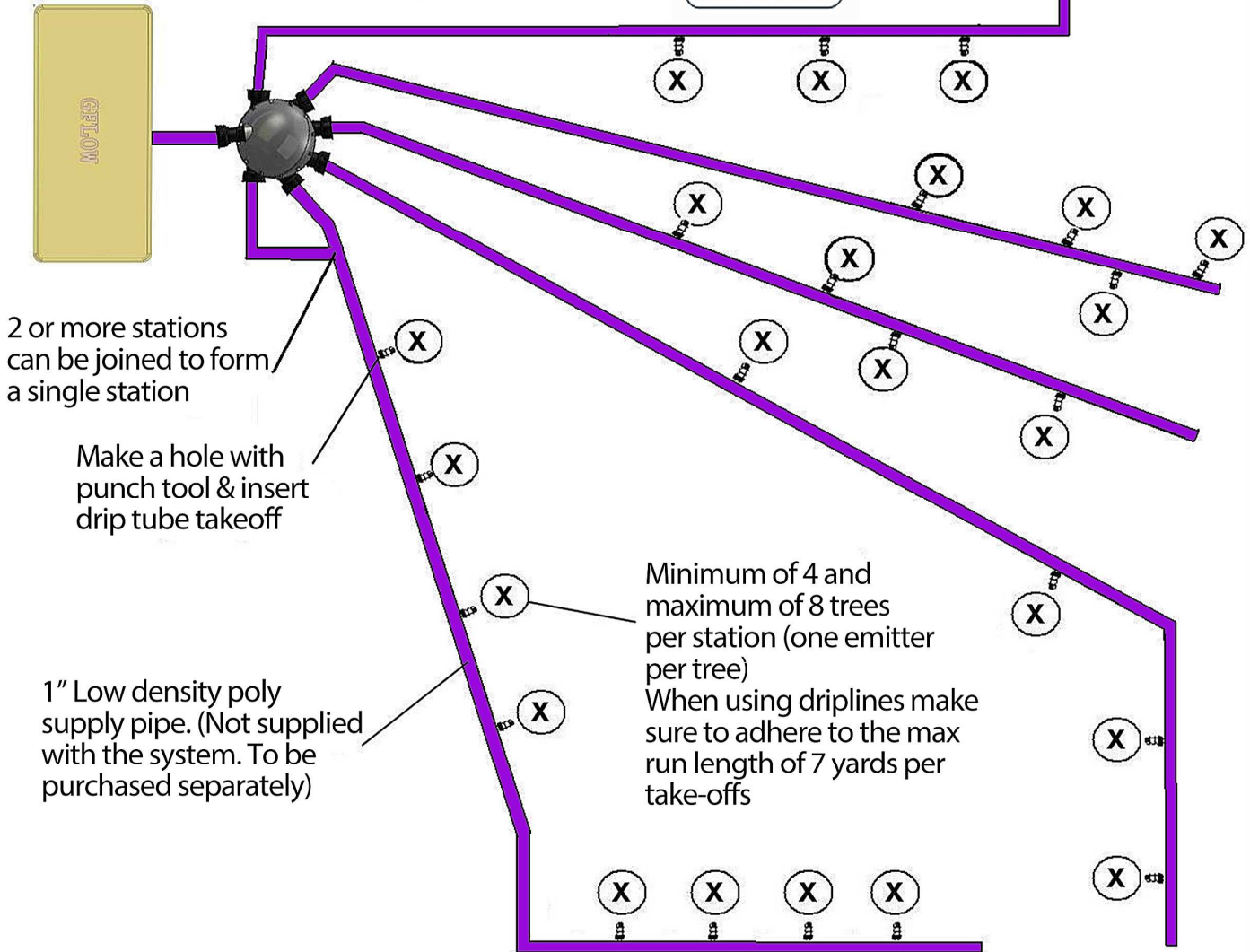
Step Three: Installing the Irrigation System

Option 2: Multi station distribution using GF Rotor

Use GF Rotor flow based indexer to split the system into more than one station. Up to 6 stations.

Grey Water Warning Sign to be visible at all times

GREY WATER
IN USE ON
THIS PROPERTY



Maintenance

To retain the original reliability and performance of the G-Flow System the following maintenance procedure should be followed. Please ensure that you wash your hands thoroughly after contact with Grey Water or handling any part of the G-Flow System.

The following maintenance steps should be carried every 3 months and not less than once every 6 months:

- Open top cover of the G-Flow tank
- Remove the filter basket with the primary sponge filters and wash thoroughly in a bucket with a garden hose or in any basin not connected to the dedicated greywater line.
- Ensure that the bleed holes located at the base of the 1" riser are clear of debris and that the tank is able to drain out into the garden when the pump is not operating.
- Re-insert the filter basket in its original position, close the lid of the tank and the G-Flow System is ready to operate again.

The following maintenance steps should be carried out once a year:

- Open top cover of the G-Flow tank
- Remove the filter basket with the primary sponge filters and wash thoroughly in a bucket with a garden hose or in any basin not connected to the dedicated greywater line.
- Wash thoroughly the tank with a garden hose
- Disconnect the G-Flow pump and using a hose and fitting adaptors connect fresh water directly from a tap to the main feeder pipe
- Flush the Grey Flow emitters with fresh water for about five minutes.
- Re-insert the filter basket, reconnect the pump, close the lid of the G-Flow tank and the G-Flow system is ready to operate again.
- Top up mulch over the Grey Flow emitters to a minimum depth of 2" .

Limited Consumer Warranty

Advance Waste Water Systems

One Year Limited Warranty

AWWS warrants this product against material defects in materials and workmanship for a period of ONE YEAR from the date of the original retail purchase (warranty period). Warranty work will be done in accordance with the following terms and conditions. This warranty only benefits the original purchaser.

THIS WARRANTY COVERS ONLY DEFECTS IN MATERIAL AND WORKMANSHIP. THIS WARRANTY DOES NOT COVER ANY OF THE FOLLOWING:

1. Expendable items that can wear out from normal use, including but not limited to, filters, or similar perishable parts.
2. Damage to or failure of this system if it is not installed, operated, or maintained according to all instructions supplied with the system.
3. Damage to or failure of this system resulting from accident, abuse, misuse, or use for other than its intended purpose, Act of God.
4. Damage to or failure of parts or system resulting in incomplete or improper installation or from unauthorized modifications made to this system.
5. If you purchase the system from an unauthorized retailer or dealer.
6. Damage caused by power surges, electrical storm damage, incorrect power supply, or insect or vermin infestation
7. Damage to or failure of parts if this system is serviced or repaired by anyone other than an Authorized Service Center.
8. This warranty extends only to you, the original purchaser. It is not transferable to anyone who subsequently purchased this product from you.
9. Use for more than a single family or use in a commercial establishment or for commercial non-household purposes.
10. Parts and systems not supplied by AWWS are not covered by this warranty

Any item which has been repaired or replaced under this warranty shall be covered for the remainder of this original warranty as extended by the number of days that the product has been out of your hands for repair.

Disclaimer

Disclaimer of implied warranties; Limitation of remedies

1. All implied warranties, including implied warranties of merchant ability and fitness for a particular purpose, are limited in duration to one year from the date you purchased the product.
2. Neither AWWWS nor its affiliates are responsible or liable for any loss, inconvenience or damage, whether special, exemplary, direct, incidental, consequential or otherwise, and whether known or should have been known to AWWWS including damage to or replacement of other equipment and property and personal injury resulting from any breach of warranty, the inability to use the product or under any legal theory in contract or tort. These warranties and remedies are the sole and exclusive warranties and remedies given by AWWWS in connection with the sale and use of the product. No other warranties, oral or written, express or implied are given.
3. In any event, AWWWSs entire liability shall be limited to the actual purchase price you paid to the retail seller of the defective product. This limitation applies whether damages are sought or a claim made, under this warranty or as a tort claim (including negligence and strict product liability), a contract claim or any other claim. This limitation cannot be waived or amended by any person. This limitation of liability is effective even is AWWWS or any authorized representative of AWWWS has been advised by you of the possibility of such damages. This limitation of liability, however, shall not apply to claims of personal injury.
4. No AWWWS dealer, agent or employee is authorized to make any modification, extension, change or amendment to this warranty.

YOUR RESPONSIBILITY

The above limited warranties are subject to the following conditions:

You must provide your original bill of sale, invoice or other proof of purchase of the system showing that you are the original purchaser, that the purchase was made within two years of the date of your claim and that you purchased it from an authorized dealer or retailer. No warranty work will be done without this information. Keep a copy of your receipt or invoice for your own records. These limited warranties are effective only if this system is purchased and used in US region Labor and service charges for warranty repair, installation, set up, and adjustment of customer control are not covered by these limited warranties. Should you encounter a defect in the system, contact www.greyhubirrigation.com to find the closest authorized service center. Contact the center and it will arrange for an inspection and corrective action, if needed and if covered by this warranty.

Should the center determine that the system is not covered by this warranty; any corrective work will be performed at your request and at your expense. If the center makes a second and/or subsequent visit and determines that there is no problem or that the system is not covered, the service call will be charged to you.

When making a warranty claim, please be prepared to provide a description of the system, your name, address, work day telephone number, a description of the problem, the date you purchase the system and the identity of the seller.



G.H.I



Greywater /Rain /Water Conditioning

SUPPLY STORE

www.greyhubirrigation.com

(844) 888-8929

"moving water"