GRAF Optimax High Efficiency, Self-cleaning, In Tank Filtration System.

* Filter specifically developed for rainwater harvesting
* Low maintenance; self-cleaning
* 0.35mm (.01") mesh filter
* Transparent cover for easy maintenance
* Over 95% yield
* Self-cleaning filter
* Max. 3,750 sq. ft. with 4" connections

Tank height should be set and plumbing pitched to best utilize existing grade. A site assessment should be done prior to installation to determine the optimum levels for filter and plumbing so as to provide positive drainage to tank and stormwater overflows.

RainMaster Corrugated Steel Storage Tank Model 902

1. GRAF Carat S 1700 Gallon Underground Tank
2. GRAF Optimax Pro Internal High efficiency, self-cleaning, In Tank filtration system.
3. 4" overflow drain to storm drain or other. Typically 4" PVC sewer and drain.
4. 1 1/4" Bulkhead Fitting for plumbing thru tank or riser assembly
5. Electrical Connection to Pump and Float Switch
6. Overflow siphon with mosquito and rodent stop
7. GRAF Floating 1-1/4" Extractor with check valve
8. RainFlo 1.25 HP 115v Submersible Pump
9. 4" RainFlo Pipe Gasket
10. 4" PVC from Roof Gutters and Downspouts
11. 1 1/4" Schedule 40 PVC Pump output to Use Calming inlet to prevent the disturbance of the fine sediment layer at bottom of tank
12. Adjustable Riser and Childproof Lid with Sealing Gaskets
13. RainFlo MHP75A 3/4 HP Centrifugal Pump with Automatic Operation
14. 2" Bulkhead Fitting
15. Pump Output Line to Above Ground Tank (1 1/4" Typical)
16. Float Switch to Activate Pump When Water is Available to Fill Above Ground Tank
17. RainFlo 1.25 HP 115v Submersible Pump
18. 4" Bulkhead Fitting
19. Output to Irrigation or Other Non Potable

NOTE: This drawing is for illustrative purposes only. Actual systems and designs may vary. Always check with local building codes as they will apply. Electrical work to be performed by licensed professional. Points of use shall be labeled as: "Non Potable water, Do Not Drink!"

USER'S Responsibility

Untreated Rainwater is NON-Potable water. Warning: do not drink water supplied from RainHarvest Systems rainwater systems and related equipment. We will be happy to offer suggestions on the use of our various products and equipment. However, since we have no control over the use of our products once they are shipped, NO WARRANTIES, WHETHER OF MERCHANTABILITY, FITNESS FOR PURPOSE, OR OTHERWISE is made beyond the repair, replacement, or refund of purchase price at the sole discretion of RainHarvest Systems. Users shall determine the suitability of the product for the intended application before using, and the users assume all risk and liability, whatsoever, in connection therewith, regardless of any advice or suggestions or ideas given to the users or customers. In no event shall RainHarvest Systems be liable for any consequential damages incurred by the users of the product. Consult local building codes for the system use.

RainFlo Rainwater Collection System