GRAF Carat S 1700 Gallon Tank Specifications:

* Variable burial depth: 30” to 42” (99 Max. with optional dome extension and “Mini” telescopic riser)
* Unique in the world! – unique manufacturing process produces the highest stability due to latest techniques
* Unique fit accuracy of the components thanks to new production process
* Consistent quality due to TUV safety testing and production monitoring
* Vehicle-bearing (with telescopic cast iron nursery kit)
* Groundwater stable up to the middle of the tank due to extremely rigid construction
* Secure investment with market leading 15-year warranty
* Made from high quality Duralene; easy to recycle
* Can be expanded as required
* 31.5” Manway opening

Typical 5010 Installation

A. GRAF Carat S 1700 Gallon Underground Tank (1)
B. GRAF Carat S 1700 Gallon Underground Extension Tank (2)
C. 4” Schedule 40 PVC Pipe
D. 4” Pipe Linkage
E. 2” Schedule 40 PVC Pipe Linking Tanks
F. 2” Banjo Bulkhead Fitting
G. Gravel Base (95) and Backfill (69 or Pea)
H. Native Soil Backfill (Above Tank)
I. Riser Extension for Tank Access if Needed (12”)
J. 2” Screened Tank Vent (Typical for Ext Tanks)

GRAF Optimax Industrial

High efficiency, self-cleaning, below ground filtration system.

* Variable installation depth from 31.5-99 inches
* Flush installation at ground level
* Over 95% yield
* Available with vehicle-loading cast iron lid
* Lockable childproof cover
* 0.35mm (.01”) mesh filter
* Only 7.87” height offset between inlet and outlet
* Stable, rigid construction allows for variable installation depth from 31.5-99 inches
* Flush installation at ground level
* Over 95% yield
* Self-cleaning filter
* 6” and 8” connections
* Max. 8,000 sq. ft. with 6” connections
* Max. 10,000 sq. ft. with 8” connections

RainFlo Rainwater Collection System

RainHarvest Systems LLC.
6075 Parkway North Drive Suite D
Cumming, GA 30040
Tel: 770-899-2533 Fax: 770-899-2577

RainFlo Components

1. GRAF Carat S 1700 Gallon Underground Tank
2. GRAF Optimax High-efficiency, self-cleaning, below ground filtration system.
3. Tank Dome with Sealing Gasket.
4. RainFlo 115V Automatic Pump Controller fully automates pump operation and provides run dry protection.
5. 6” Overflow drain to storm drain or other. Typically PVC S&D or Schedule 40 Pipe.
6. 1-1/4” Bulkhead Fitting for plumbing thru 4” Fernco Couplers for Pipe Connection to Optimax GRAF Floating 1-1/4” Extractor with check valve
7. 1-1/4” Schedule 40 PVC Pump output to 3 Way Valve
8. Calming inlets to prevent the disturbance of the fine sediment layer at the bottom of tank
9. Adjustable Riser and Childproof Lid
10. 4” Schedule 40 PVC Pipe Linking Tanks
11. 2” Screened Tank Vent (Typical for Ext Tanks)
12. 4” PVC from Roof Gutters and Downspouts
13. 1-1/4” Valves for plumbing thru 4” Fernco Couplers for Pipe Connection to Optimax GRAF Floating 1-1/4” Extractor with check valve
14. Control Box and Water Level Sensor for Aqua Control Rainwater System Controller
15. Brass 3Way Valve with 24V Motorized Actuator and 1-1/4” Connections
16. Municipal Water Supply Connection to 3 Way Valve
17. Pump Control and 3 Way Valve Control Detail

Points of use shall be labeled as:

* Non Potable water, Do Not Drink!

WARNING: 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 either by way of printed material or through direct contact with RainHarvest Systems team members. However, since we have no control over the use of our products once they are shipped, NO WARRANTY 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 representations, whether written or oral. RainHarvest Systems will be happy to offer suggestions on the use of our various products either by way of printed material or through direct contact with RainHarvest Systems team members. However, since we have no control over the use of our products once they are shipped, NO WARRANTY 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 representations, whether written or oral.