GRAF Carat S 1700 Gallon Underground Tank Specifications:

- Variable burial depth: 30" to 42" (39" Max. with optional dome extension and "Maxi" telescopic riser)
- Unique fit accuracy of the components thanks to new production techniques
- Made from high quality Duralene; easy to recycle
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GRAF Optimax High efficiency, self-cleaning, inTank filtration system.
- Filter specially developed for rain water harvesting
- Low maintenance; self cleaning
- 0.35mm (.01") mesh filter
- Transparent cover for easy maintenance
- Space saving filter technology integrated in the tank

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Legend A

A. GRAF Carat S 1700 Gallon Underground Tank (1)
B. GRAF Carat S 1700 Gallon Underground Extension Tank (1)
C. Optional Top Connection
D. 4" Multi Drain Gasket
E. Return Connection with 2" Schedule 40 PVC Pipe
F. Linking Tanks
G. 2" Bulkhead Fitting
H. Gasket Base and Backfill (Above Tank)
I. Riser Extension for Tank Access (1/2"
J. 2" Screened Tank Vent

Legend B

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. 4" Overflow drain to storm drain or other
6. 1-1/4" Bulkhead Fitting for plumbing thru tank or riser assembly
7. 115V Power supply
8. Overflow sump with mosquito and rodent stop
9. GRAF 1-1/4" Floating Pump Extractor with 1200 Micron Coarse Screen
10. RainFlo 1-1/2 HP Submersible Rainwater Pump: High performance submersible rainwater pump with stainless steel base and 1-1/2" threaded inlet for use with a floating filter
11. Graf 4" Pipe Gasket
12. 4" PVC Leader from Roof Gutters and Downspouts
13. 1-1/4" Schedule 40 PVC Pump output to Irrigation
14. Calming inlet to prevent the disturbance of the fine sediment layer at bottom of tank
15. Adjustable Riser and Childproof Lid
16. Unused Holes in Dome Sealed with Included Plugs and Gasket
17. Clean water Outlet From Optimax Filter

User's Responsibility:
Ununtainted 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 products for the intended application or construction. In no event shall any remedy exceed the purchase price of the product. Consult local building codes for the system use.

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