Municipal Water Supply Connection to 3 Way Valve

Brass 3Way Valve with 24v Motorized Actuator and

High performance submersible rainwater pump with

stainless steel base and 1-1/4" threaded inlet for use

4" Fernco Couplers for Pipe Connection to Optimax

GRAF Carat S 1700 Gallon Underground Tank (1)

GRAF Carat S 1700 Gallon Underground

Extension Tank (1)

4" Schedule 40 PVC Pipe

4" Serco Muti Tite Gasket

2" Schedule 40 PVC Pipe Linking Tanks

2" Banjo Bulkhead Fitting

Gravel Base and Backfill (Bottom Half)

Native Soil Backfill (Above Tank)

Riser Extension for Tank Access (12")

2" Screened Tank Vent

GRAF Carat S 1700 Gallon Tank Specifications:

* Variable burial depth: 30" to 42" (95° Max. with optional dome extension and "Maxi" 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 manway 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

RainFlo 3400IG GRAF Rainwater Collection System

RainFlo 115V Automatic Pump Controller fully

automates pump operation and provides run dry

protection

4 or 6" Overflow drain to storm drain or other.

Typically PVC S&D or Schedule 40 Pipe.

Tank Dome with Sealing Gasket.

4" Serco Muti Tite Gasket

4" Schedule 40 PVC Pipe

Micron Coarse Screen

4" Schedule 40 PVC Pipe

Aqua Control

Input from Tank Level Sensor

4v Transformer

4" Serco Multi Tite Gasket at Inlet and Outlet

4" Bulkhead Fitting

Overflow siphon with mosquito

prevents insects from entering

tank or riser assembly

1.15% Power supply to Pump Control and Pump

Overflow siphon with mosquito and rodent stop

GRAF 1-1/4" Floating Pump Extractor with 1200

Gallon/Day Capacity

RainFlo 1-1/4" Submersible Rainwater Pump

High performance submersible rainwater pump with

stainless steel base and 1-1/4" threaded inlet for use

with a floating filter.

4" Schedule 40 PVC Pipe

Calming inlet to prevent the disturbance of the fine sediment layer at

bottom of tank.

Adjustable Riser and Childproof Lid

Fenaco Couplers for Pipe Connection to Optimax

Clean water Outlet On Graf Optimax to Rain

Collection Tank

Control Box and Water Level Sensor for Aqua

Control (Rainwater System Controller)

Brass 3Way Valve with 24v Motorized Actuator and

1-1/4" Connections

Municipal Water Supply Connection to 3 Way Valve

Filter height will be set and and plumbing

pitched to best utilize existing grade.

User Responsibility:

- Untreated Rainwater is NON-Potable water. Warning do not drink water supplied from

RainHarvest Systems rainwater systems and
treated equipment. We will blame the

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

whenever in connection therewith, regardless of

any team members suggestions or statements as to

the application or construction. In no event shall

any remedy exceed the purchase price of the

product. Consult local building codes for the

system use.

GRAF Optimax High efficiency, self-cleaning, below

ground filtration system:

* Variable installation depth from 22-44 inches
* Flush installation at ground level
* Only 7.87" height offset between inlet and outlet
* 0.35mm (.01") mesh filter
* Lockable childproof cover
* Optional Opticlean® Sprayhead
* Available with vehicle-loading cast iron lid
* Over 95% yield
* Self-cleaning filter
* 4" and 6" connections
* Max. 3,750 sq. ft. with 4" connections
* Max. 7,500 sq. ft. with 6" connections
* Available with vehicle-loading cast iron lid
* 0.35mm (.01") mesh filter
* Only 7.87" height offset between inlet and outlet
* Flush installation at ground level
* Variable installation depth from 22-44 inches
* Only 7.87" height offset between inlet and outlet
* 0.35mm (.01") mesh filter
* Lockable childproof cover
* Optional Opticlean® Sprayhead
* Available with vehicle-loading cast iron lid
* Over 95% yield
* Self-cleaning filter
* 4" and 6" connections
* Max. 3,750 sq. ft. with 4" connections
* Max. 7,500 sq. ft. with 6" connections

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.

Applications of our products shall be labeled as "Non Potable water. Do Not Drink!"

* All items referenced can be viewed at RainHarvest.com