Rainwater supplied by RainHarvest Systems 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 team members suggestions or statements as to the application or construction. In no event of the purchase price of the product. Consult local building codes for the system use.

Variable Speed Pump Controller
Pressure Transducer
Line to Irrigation/Usage/Other
Pressure Tank
Electrical Conduit to Tank
Flexible Coupler
230v Power Supply
Optimax Filter Detail

Optimax Industrial Detail

Legend

1. 10' Diameter Single Wall Fiberglass Tank
   Capacity 20,000 Gallons
2. Rain Water Input from Roof or other Source
3. RainFlo FI2500, Variable Speed Pump and PVC Housing
4. 2" Floating Pump Extractor with suction hose and 1.2mm Stainless Steel Screen Intake
5. 6" RainFlo Calming Inlet to Prevent Disturbance of Sediment on Bottom
6. 9" Clean Water Outlet from GRAF Filter to Inlet of Tank
7. Graf Industrial Optimax Filter
   Product Number 340035/340036
8. 2" Half Coupling
9. Debris Flushed out to Storm Drain with Overflow
10. 6" RainFlo Overflow Siphon
11. 30" PVC Access Riser and FRP Lid
12. Access Ladder
13. Cast Iron Lid and Ring (by others)
14. Opticlean Spray Head

Optimax Filter Detail

Optimax Industrial Detail

Industrial duty, high efficiency, self-cleaning, below ground filtration system.

- Variable installation depth from 31-59 inches
- Flush installations at ground level:
  - 0.35mm (.01") mesh filter
  - Lockable childproof cover
  - Available with vehicle-loading cast iron lid
  - Over 95% yield
  - Self-cleaning filter
  - 6" and 8" connections
  - Max. 8,000 sq. ft. with 6" connections
  - Max. 16,000 sq. ft. with 8" connections

Precast dead man system with straps and turnbuckle assembly

Backfill remainder with sand or approved equivalent
GeoTech fabric between gravel and sand
Compacted Soil
Backfill 3/4 of Tank with pea gravel

Backfill 3/4 of Tank with pea gravel