



Phoenix Precast Products

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**General Notes:**

1. Concrete:  $f_c = 5,000$  psi @ 28 Days Minimum
2. Steel Reinforcement Conforms to Latest ASTM Specifications: ASTM-A615 Grade 60 Rebar
3. Flexible Sleeves Provided On All Pipe Connections
4. Butyl Rubber Joint Sealant Provided
5. Internal PVC Baffles Available Upon Request
- Inlet: Shall Penetrate at Least 9" Below the Liquid Level, But Not Deeper Than the Outlet Baffle.
- Outlet: Shall Extend Below the Surface of the Liquid Equal to 40% of the Liquid Depth (24").
6. Design Loading: AASHTO-HS20-44, ASTM C-890-06
7. Design Specified As: ASTM C-1227-08, ASTM C-913-08
8. Other Inlet/Outlet Pipe Sizes Available

4" PVC Inverts: Inlet - 51"      Outlet - 48"  
 6" PVC Inverts: Inlet - 50"      Outlet - 47"

**Liquid Levels: 5'-1" x 8'-11" = 339.8 Gals/VF**  
 4" PVC = 1,189 Gallons  
 6" PVC = 1,162 Gallons

**Est. Weight:**  
 Top Slab: 5,150 Lbs  
 Base: 12,750 Lbs  
 Total: 17,900 Lbs

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1,000 Gallon  
 H2O Tank  
 P/N: ST-1000H20