



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 - 71"      Outlet - 68"  
 6" PVC Inverts: Inlet - 70"      Outlet - 67"

**Liquid Levels: 7'-0" x 15'-0" = 787.5 Gals/VF**

4" PVC = 4,068 Gallons  
 6" PVC = 4,001 Gallons

**Est. Weight:**

Top:	25,400 Lbs
Bottom:	20,300 Lbs
Total:	45,700 Lbs

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**4,000 Gallon  
H-20 Tank**

P/N: ST-4000H20