







**cistern sizing for graywater use:**

unit footprint: 7,116 sq ft  
 residence: 8 people  
 gallons used per day: 25.6 gallons/day (with dual flush 1.6/ 0.8gal)  
 dry period: 90 days (approx.)  
 yield of catchment area: 8,000 gal/yr

cistern size:  
 25.6 gpd x 90 day = 2,304 gal/ 7.48 gal/ft<sup>3</sup> = **3,291 ft<sup>3</sup>**

24' x 14' x 10' = 3,360 ft<sup>3</sup>



