

## **Rainwater Collection Information – Helpful Hints**

### **Size – “Not too big – not too small”**

A useful fact in making your choice: If you plan to use a roof/gutter catchment system divide the square footage of the home by half, and you will harvest that many gallons for every inch of rain. For example, the roof of a house that is 2000 sqft will harvest 1000 gallons of water for every inch of rainfall. In this scenario, an average annual rainfall of 30 inches could result in up to 30,000 gallons of captured rainwater.

### **Placement– “Convenience Counts”**

Tank placement should be convenient to primary areas of use i.e. garden, pump room, guttering. The tank must be placed on a stable flat pad, i.e. a concrete slab, bricks, or treated wood. No matter what medium the tank is made from the fact is water weighs a lot! (approximately 8.6 pounds per gallon). Do NOT skimp on the pad!

### **Uses – “What it is all about”**

The key to storage is figuring out what size tank will adequately handle the demand placed upon it, whether it is replenished by rainwater – the use will probably peak when rain is scarce or from a well – how long will it take a well to replace the previous day’s use or if the well pump breaks how much water will be needed in the tank until the pump is repaired.

### **Gardening and Landscaping**

The efficiency of the delivery system and the area to be covered may determine the number of tanks needed or that the tank is supplemental, periodically being topped off from another source.

## **Potability**

Globally there are many people using water storage systems, primarily rainwater for drinking. It would probably be surprising to most of us at the number of folks who in this country use a rainwater catchment system to provide water for all of their potable needs.

When thinking potable make sure of your supply, if this is the only source of water, research well and remember when complete whether self done or professionally installed, you are the water maintenance "company". It is not a bad idea to talk to professionals about your particular needs and to get bids in parts and supplies if not for a complete job. All of these systems can be used with pressure equipment or with gravity flow depending on personal dictates.

Water storage systems are made up of components, i.e. gutters, tanks, pumps so although no one system is perfect for everyone these component parts can be implemented in stages whether by yourself or a contractor. This way you can get a better feel for the system that will fit your site and your needs.

No matter what type of system is decided on, with water needs increasing, water storage is once again an option worth considering. If a water storage solution is something you are thinking about or planning, then I hope that we can be of service to you.

**All of our tanks have following standard features:**

- 1 1/4" or 2" bulkhead
- Protective coating
- Distinctive and long lived (20 – 30 yrs typically)
- 1 year guarantee on tanks against leakage

We also offer a variety of [finishes](#), a 12" inspection cover which can be added to any tank for \$25, installation may be arranged within 100 miles of the San Marcos/Austin area and we have shipped tanks to both the west and east coasts and north to Minnesota.

Tank capacity	Size W x H	
150 gallons	3'0" x 2'9"	
200 gallons	3'6" x 2'9"	
400 gallons	3'6" x 5'8"	
530 gallons	4'0" x 5'8"	

Note: Dimensions do not include lid

Tank capacity	Size W x H	
830 gallons	5'0" x 5'8"	
1030 gallons	5'0" x 7'0"	
1200 gallons	6'0" x 5'8"	
1480 gallons	6'0" x 7'0"	

Note: Dimensions do not include lid

Tank capacity	Size W x H	
1630 gallons	7'0" x 5'8"	
2015 gallons	7'0" x 7'0"	
2500 gallons	7'0" x 9'0"	
Custom sizes	special order	



