

## Specco Rainwater Harvesting Products

Water is a valuable resource and we are promoting products that will help you manage rainwater in an efficient way.

Rainwater harvesting is known as a process of collecting, storing, distributing the rainwater from the roof, land surface to use in and around your facilities.

Rainwater harvesting in urban areas and cities can have diverse benefits. Providing supplemental water for the city's requirements, increasing soil moisture levels for urban greenery, increasing the ground water table through artificial recharge, mitigating urban flooding and improving the quality of groundwater are few of the many benefits.

In homes and buildings, collected rainwater can be used for irrigation, washing laundry and flushing toilets. In hard water areas rainwater is superior to city water for non-potable use. With proper filtration and treatment, harvested rainwater can also be used for showering, bathing or drinking.

Rainwater harvesting is also effective in reducing storm water runoff pollution into the watershed. When rain falls, it is clean, but it immediately picks up pollutants from rooftops and pavement. This pollution is carried into storm drains and then into streams. Collecting storm water from rooftops and directing it to storage tanks so it can be used in and around a building decreases the volume and rate of storm water runoff.

Rainwater harvesting is one of the most promising alternatives for supplying water in the face of increasing water scarcity and escalating demand. The pressures on water supplies, greater environmental impact associated with new projects as well as deteriorating water quality in reservoirs already constructed, constrain the ability of communities to meet the demand for fresh water from traditional sources. Rainwater harvesting presents an opportunity for augmentation of water supplies allowing for self-reliance and sustainability. Sustaining the environment contributes to the overall conservation of our precious natural resources.

## Rainwater Harvesting Storage tanks

Our water tanks are manufactured using resins that meet FDA specifications to ensure safe storage of potable water. The black or dark green color limits light penetration which reduces the growth of water-borne algae. These tanks are rated at 8 pounds per gallon, which means that they are for WATER STORAGE ONLY!

FROM 305 TO 10,000 GALLONS



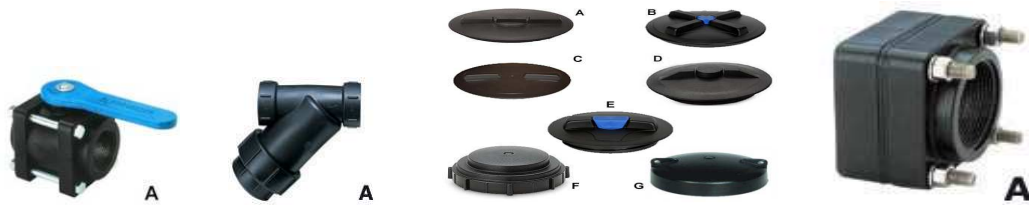
Vertical storage tanks are most frequently used for bulk storage and mobile nursing applications. Norwesco vertical tanks feature tie-down slots, built-in graduated gallon indicators, an offset fill-opening and a self-vented, slosh-proof lid.

FROM 25 TO 15,000 GALLONS



### Tanks components

- Fittings
- Lids and manhole extensions
- Strainers, valves



## Rainwater filters

- separates large debris from storm water in an easy-to-clean unit
- biologically remediates dissolved storm water contaminants



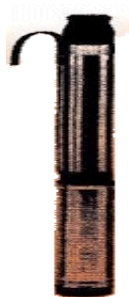
An option to eliminate backwashing filters for water conservation

- Parallel installations are recommended to achieve high flow rates, by installing filters on a common manifold, feeding all filters installed in a row.



## Pumps and accessories

- Pumps to reuse the water
- Flow switches
- All accessories available to suit your specifications



## Rainwater Purification

### **Tank Master™**

Equipment attaches to existing **liquid storage tanks** to provide sanitary storage and disinfection for air and liquid contents.



### **Ultraviolet Water Purifiers**

**Effective** - virtually all microorganisms are susceptible to Sanitron™ ultraviolet disinfection.

**Economical** - hundreds of gallons are purified for each penny of operating cost.

**Safe** - no danger of overdosing, no addition of chemicals.

**Fast** - water is ready for use as soon as it leaves the purifier – no further contact time required.

**Easy** - simple installation and maintenance. Compact units require minimum space.

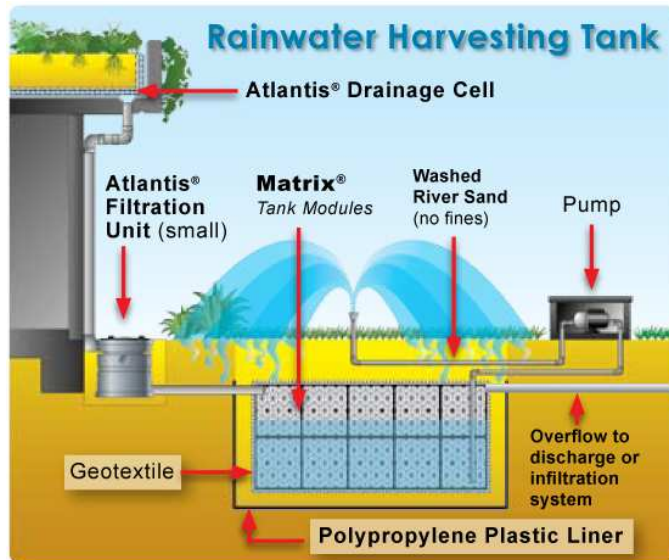
**Automatic** - provides continuous disinfection without special attention or measurement.

**Chemical Free** - no chlorine taste or corrosion problems.

**Versatile** - Capacities available from 2 to 416 gallons per minute.



## Rainwater Harvesting Tank



- Unregulated on site water supply allows irrigation of property even during periods of water restrictions.
- **Capture water from your garden or driveway** - Atlantis tanks can capture water from roofs, gardens, lawns, paved areas and driveways increasing the capacity of water retention in your home.

### • **Modular Tanks and Roof Gardens:**



