

RainXchange™

Rainwater Harvest Systems

shown with
Pondless® Waterfall

Please note: The numbers
represented in this drawing show
the stages of rain water harvest.

1 AQUATIC PLANTS

Providing food and shelter for a great number of birds, insects and amphibians and the cornerstone for maintaining our biodiversity.

2 IRRIGATION SYSTEM

Natural water is loaded with micronutrients and compounds that will make your plants flourish.
A healthy garden consumes more; greenhouse gases and properly irrigated soils allow for greater water infiltration and better overall soil profiles.

3 BIOLOGICAL FILTER

Beneficial bacteria and enzymes reduce organic wastes and pollutants to less toxic substances that can be absorbed by plants, thereby creating a perfect cycle of nutrient re-use.

4 CONNECTING PIPE

Carries the water via gravity to the main storage chamber.
(sold separately)

5 MODULAR STORAGE BASIN

Modular design can be configured to fit a wide variety of applications and settings.
The storage basin consists of modular plastic tanks that are assembled on-site.
EPDM rubber membrane creates a water-tight basin.

6 RAIN FILTER

Captures and removes pollutants flushed into the system during a rain event.
Coarse filter screen removes leaves, twigs, and seeds.
Smaller suspended particles are captured in a fine mesh which can easily be removed for cleaning.

7 FLEXIBLE PVC

Easy installation with minimal head pressures, which equates to overall efficiency.

8 SNORKEL™ VAULT & CENTIPEDE™ MODULE

Optimum water utilization within the system and a convenient access point for yearly maintenance and cleaning.

9 HIGH EFFICIENCY PUMPS

Submersible re-circulation pumps function 24 hours a day, and can be utilized for the delivery of water to your landscape.

10 OVERFLOW INFILTRATION

Excess rainwater is sent to a storage area that facilitates the infiltration of water into deeper soils and aquifers.