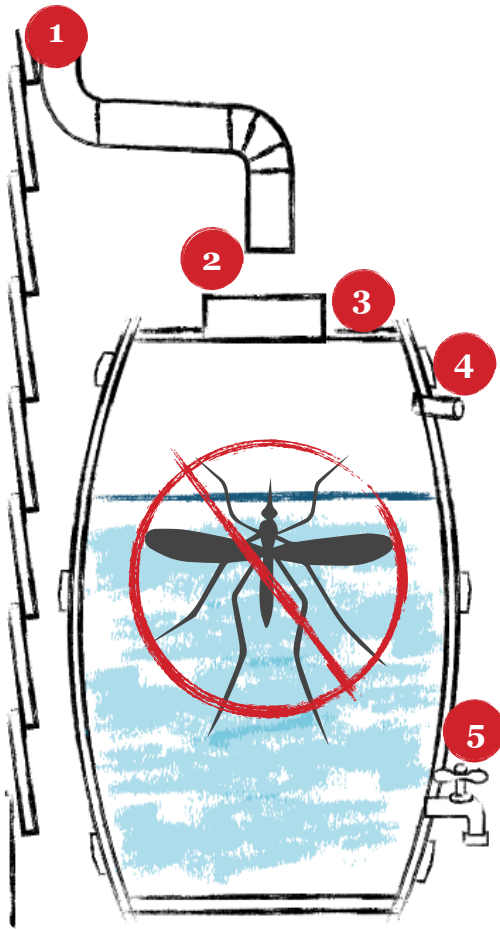


# Keep Mosquitoes out of your Rain Barrel

Rain collection devices must be properly modified and maintained to keep mosquitoes out.



**1. Leaf Diverter**

Leaf diverter will separate leaves and debris before it reaches the Intake Opening to prevent clogging. See back of handout for models and where you find them.

**2. Intake Opening**

Always keep the intake opening covered with screen and tightly sealed. Use a double layer of fine mesh window screen to keep mosquitoes out. If you do not have a leaf diverter installed, scrape off debris as it collects.

**3. Decorative Top**

Some barrels have design elements that can hold water or a rim that allows water to overflow and collect above the screen. Choose a barrel with a smooth top, keep the depressions filled with sand or remove water immediately after rains.

**4. Overflow Port**

This opening helps keep water from filling above the intake screen but if left open creates an access point for mosquitoes. Securing two layers of fine mesh screen around the opening is recommended.

**5. Outflow Port/Valve**

Because the outflow valve is an inch or two from the bottom of the barrel, when drained the barrel will still hold water in the bottom below the valve. The remaining water needs to be removed and the barrel should stay completely dry between rain events.

**Mosquitoes need water to lay their eggs and grow.**

**Rain Collection devices can create a perfect environment for them.**

- If you believe mosquitoes are growing in your barrel, use **ALL** of the **WATER** immediately. This will kill any mosquito larvae growing inside.
- Periodically scrub the inside of the barrel with warm, soapy water to remove mosquito eggs that are attached to the inside walls.

**Failure to prevent the breeding of mosquitoes can result in increased health risks in your community, and may result in fines up to \$1,000 per day according to the California Health and Safety Codes 2000-2067**

## Examples of **UNSAFE** Rain Collection



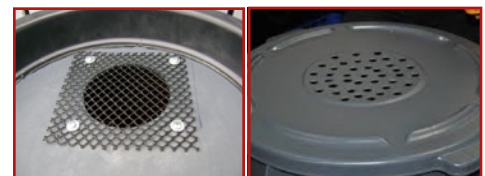
Modified or decorative tops will hold enough water to breed mosquitoes



Don't allow water to overflow above the screen or collect in the lid

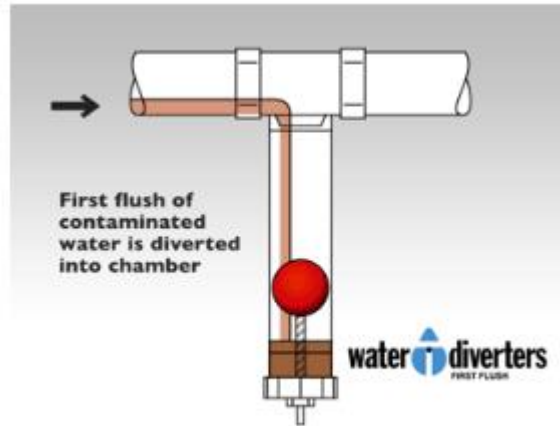


For more information:  
(831) 454-2590  
640 Capitola Rd.  
Santa Cruz, CA 95062  
[agdept.com/mvc.html](http://agdept.com/mvc.html)



Large screens and perforated tops will **NOT** keep mosquitoes out

Examples of debris and water diverters to prevent clogging of gutter drains:





BUSHMAN PART NUMBER  
**BCK0003**

**PARTS**

PARTS INCLUDED

- A. First Flush Filters
- B. Float Ball
- C. Downspout Shim
- D. Debris Separator
- E. Mounting Screws
- F. Mounting Brackets

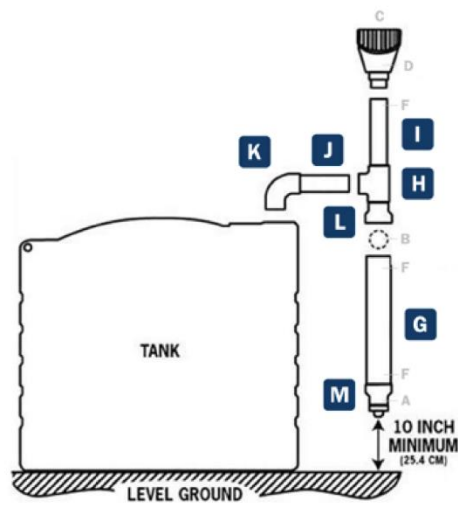


**ASSEMBLY**

PARTS NOT INCLUDED

- G. 4" SDR 35 or ASTM 2729 PVC pipe
- H. 3" SDR 35 "T" Fitting
- I. 3" SDR 35 or ASTM 2729 PVC pipe
- J. 3" SDR 35 or ASTM 2729 PVC pipe
- K. 3" SDR 35 or ASTM 2729 90° Elbow
- L. 4" to 3" SDR 35 or ASTM 2729 reducer
- M. 4" to 3" SDR 35 or ASTM 2729 reducer

www.bushmanusa.com



Various models available at these local stores:

Scotts Valley Sprinkler & Pipe Supply

San Lorenzo Lumber & Home Centers

Ewing Irrigation & Landscape Supply

Home Depot

Online guides and comparisons at: [www.harvesth2o.com](http://www.harvesth2o.com)