



Smoothing Inlet Operation & Maintenance

Overview

The Smoothing Inlet is designed to distribute the harvested rainwater entering the tank evenly by dispersing the water in an upward and outward motion. The Smoothing Inlet is critical to ensure the biofilm that grows naturally in a healthy tank is not disturbed when rainwater fills the tank. The Smoothing Inlet design also disperses the rainwater in a motion that facilitates the oxygenation of the entire tank.

Components

Body: stainless steel

Installation

The Smoothing Inlet is designed to connect to a 4" inlet pipe from the vortex filter inside the rainwater storage tank. The inlet pipe should come through the tank wall and affixed with an elbow to point the end of the pipe toward the bottom of the tank. The downward inlet pipe should be cut approximately 3" short of the bottom. Swivel the inlet pipe to the side and slide on the Smoothing Inlet to the lip. Then return the pipe back to the perpendicular position with the Smoothing Inlet sitting on the bottom of the tank. The Smoothing Inlet does not need to be glued or fastened to the inlet pipe.

Note: The Smoothing Inlet and overflow of a tank should always be on opposite ends to create the proper flow of the harvested rainwater to ensure the highest quality water available.

Note: It is recommended that the inlet pipe be slid into the Smoothing Inlet sleeve prior to gluing the inlet pipe to the elbow.

Maintenance

None

