

Installation, Operation, and Maintenance Instructions

Overview

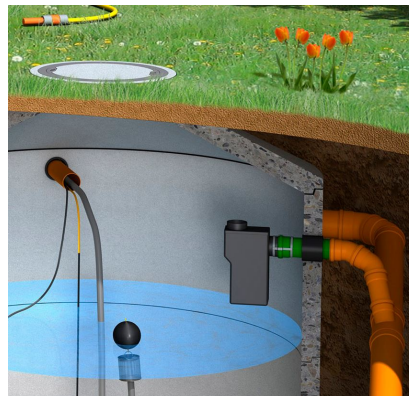
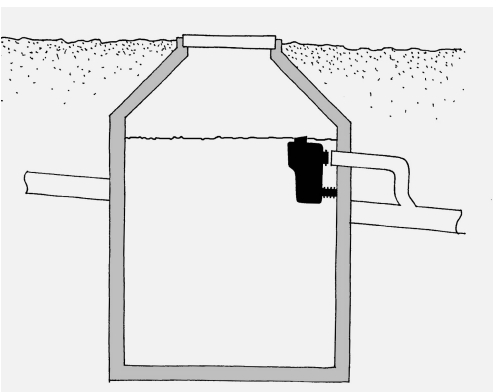
The Multi-Siphon Overflow Device (US 1002) serves as an overflow device by siphoning the water and skimming the surface debris out of the storage vessel. This unit prevents storm drain odors from reaching the storage vessel and comes with vermin protection and back-flow prevention. The brace pipe prevents tilting or tipping when the unit is full of water (12.5 lbs) and has a volume of 1.5 gallons.

Materials

Housing: Impact-Resistant ABS Plastic
Passive Vermin Guard: Stainless Steel

Installation

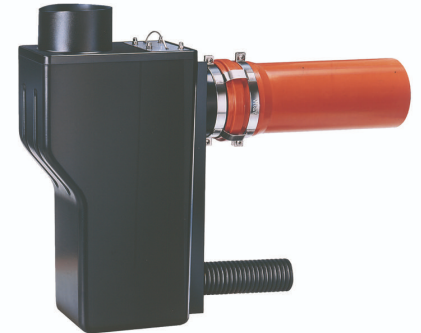
The Multi-Siphon Overflow Device is attached to a 4" bulkhead in the tank for overflow. This fitting is installed by the contractor if using a poly tank or should be specified in a custom-ordered fiberglass, galvanized or concrete tank. The device is mounted to the inside of the tank and secured to the 4" fitting with the supplied protective clamp. The supplied support strut is inserted in the small dimple in at the bottom of the device on the same side as the protective clamp. The other end of the support strut rests against the inside of the tank. This strut is designed to support the weight of the unit when full of water (12.5 lbs).



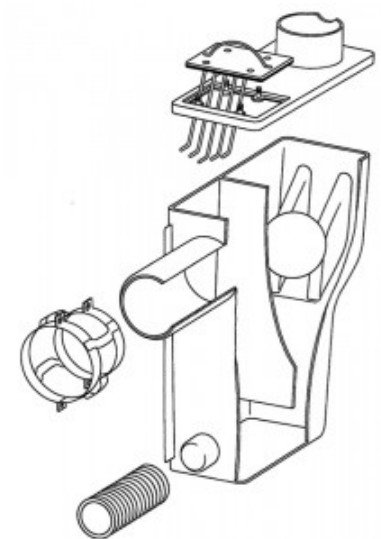
Note: The Multi-Functional Overflow device should be positioned on the opposite end of the tank from the inlet to allow for the skimming action to have a full effect on the water in the tank.

Maintenance

None



PN: US 1002



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Overview

The WISY Overflow Device (PN# US 2000) serves as an overflow device by siphoning the water and skimming the surface debris out of the storage vessel. This unit prevents storm drain odors from reaching the storage vessel and comes with vermin protection and back-flow prevention. The brace pipe prevents tilting or tipping when the unit is full of water and has a volume of 50 liters (13.2 gallons).

Materials

Polyethylene with a stainless steel grid.

Installation

The Overflow Device can be attached to an 8" fitting in the tank for overflow. The device is mounted to the inside of the tank at the maximum level of water and secured to the 8" fitting with the supplied protective clamp. The supplied support strut is inserted in the small dimple in at the bottom of the device on the same side as the protective clamp. The other end of the support strut rests against the inside of the tank. This can be cut to the required length and is designed to support the weight of the unit when full of water (133 lbs). The chains of one meter length must be connected to either the ceiling or wall above the overflow device to carry this weight. The gradient of the outgoing pipe should be between 2-3%. The overflow pipe that is penetrating the wall of the storage tank should be sealed to prevent leakage and can be done using standard rubber bushing or liquid sealant.

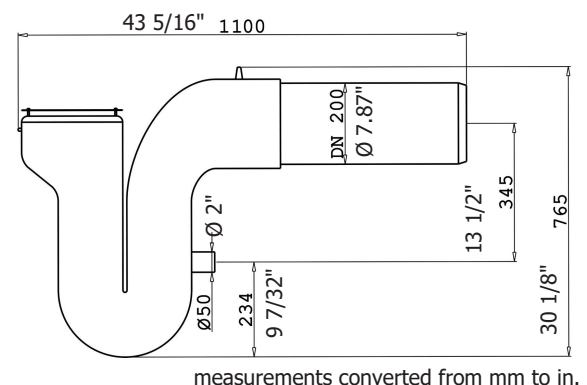
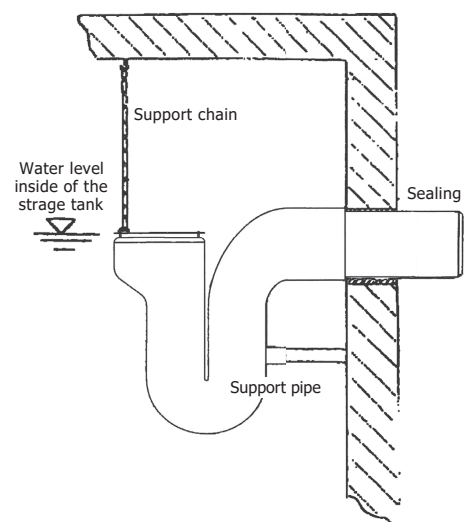
Notes: The Overflow device should be positioned on the opposite end of the tank from the inlet to allow for the skimming action to have a full effect on the water in the tank.

Maintenance

None

Technical Data

Outer Diameter of pipe: 7.87 in.
 Inner Diameter of pipe: 7.48 in
 Max volume of water intake: 532.6 GPM
 Min. Gradient of pipe: 2%



Technical changes reserved



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