

StormFilter[®] Vault Activation Instructions

Overview

The StormFilter system was selected by the engineer as a post-construction stormwater treatment best management practice. It is the responsibility of the Contractor at the time of installation to ensure appropriate erosion control measures and construction BMPs are in place to protect the StormFilter from sediment and other debris until construction is complete and the site is stabilized, preventing premature occlusion.

Activating the StormFilter System

Once construction is complete, landscaping is in place, and the site has been stabilized; the Contractor is responsible for activating the StormFilter system. The steps required depend on the measures used to protect the StormFilter from construction runoff at the time of installation. First, an inspection of the system should be done to ensure maintenance is not required. See **StormFilter Inspection and Maintenance Guide** on our website. www.ContechES.com/Activation

Possible Contractor measures taken to protect cartridges:

- If the cartridges were stored outside the vault during construction, install the cartridges and ensure all empty connectors are plugged.
- If the StormFilter system was bypassed using pipe plugs or other devices in up-stream structures to prevent construction runoff from reaching the system, those devices should be removed.

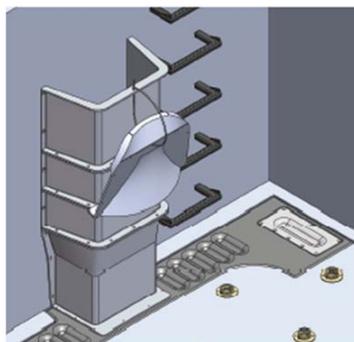
Optional StormFilter Vault Construction Flow Bypass features:

Many StormFilter Vaults use internal passages (construction flow bypass) to route possible runoff from unstabilized construction sites around the StormFilter cartridges.

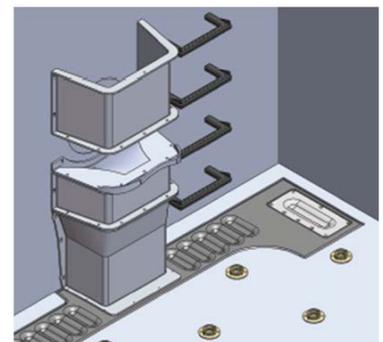
Integrated Sump style vaults with construction flow bypass have an inlet sump and additional bypass lines embedded in the vault floor and a bypass riser at the inlet pipe to route possible runoff around the cartridges. To complete the activation of this style system, follow the steps below depending on the cartridge height.

Systems with 27" tall cartridges

- Remove the 2nd section from the inlet riser (2nd from the top).
- Install the dissipater tongue by bolting it to the 3rd section of the inlet riser.
- Use caulk (Sikaflex 1A) to seal dissipater tongue to the vault wall.



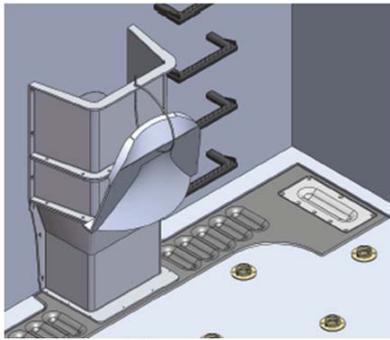
27" Delivered Setup:
Bypasses Construction Flow



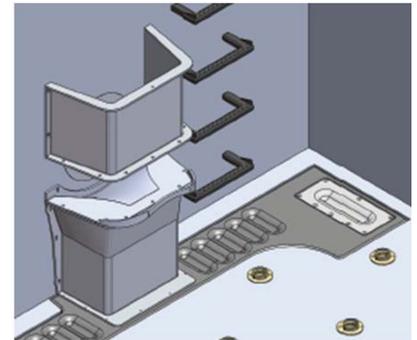
27" Activated Setup:
Ready For Treatment

Systems with 18" tall cartridges

- i. Remove the middle section from the inlet riser.
- ii. Install the dissipater tongue by bolting it to the bottom section of the inlet riser.
- iii. Use caulk (Sikaflex 1A) to seal dissipater tongue to the vault wall.



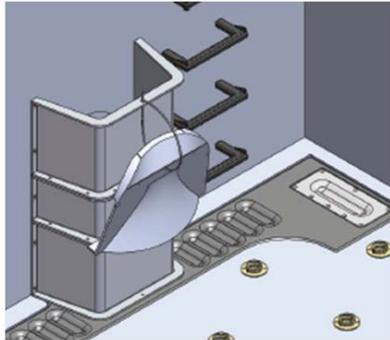
18" Delivered Setup:
Bypasses Construction Flow



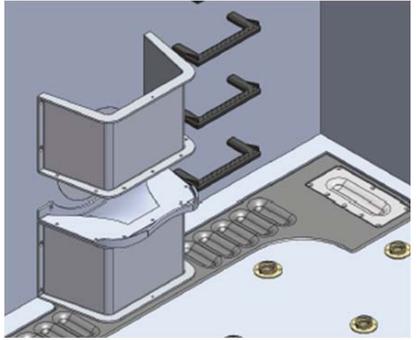
18" Activated Setup:
Ready For Treatment

Systems with Low Drop cartridges

- i. Remove the middle section from the inlet riser.
- ii. Install the dissipater tongue by bolting it to the bottom section of the inlet riser.
- iii. Use caulk (Sikaflex 1A) to seal dissipater tongue to the vault wall.

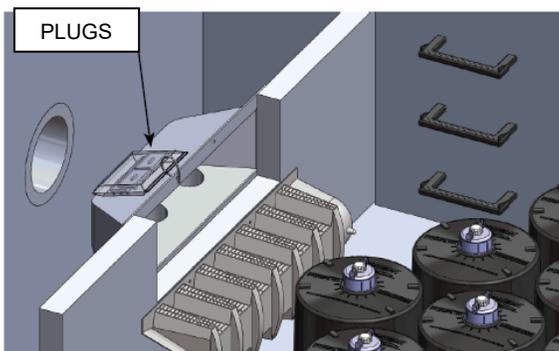


Low Drop Delivered Setup:
Bypasses Construction Flow

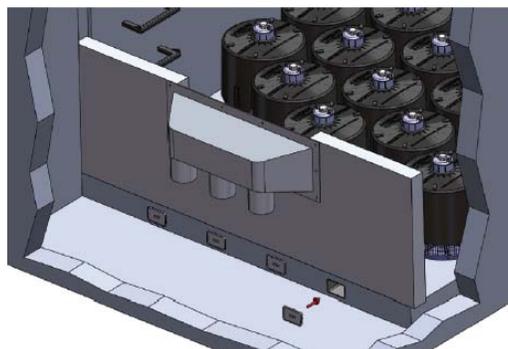


Low Drop Activated Setup:
Ready For Treatment

Inlet/Outlet Bay style vaults with construction flow bypass use an inlet bay and additional bypass lines embedded in the vault floor to route possible runoff around the cartridges. To complete the activation of this style system, glue the supplied bypass plugs to the end of the bypass lines at the upstream end using ABS glue. Activation is the same for all cartridge heights.



Delivered Setup: Bypasses Construction Flow



Activated Setup: Ready For Treatment

Activation Disk removal

An Activation Disk on a single cartridge in the StormFilter vault, indicated the system required activation. Once the activation of the system is complete the disk can be removed and discarded.

Remove the Air Lock Cap from the StormFilter cartridge by rotating it counterclockwise. Remove the Activation Disk from the cartridge and discard. Replace the Air Lock Cap back on the same cartridge.

