

Biotube[®] Effluent Filter Installation

Model FT08 and All Base Inlet Models

(U.S. Patent Nos. 5294635 / 4439323)

Before You Begin

Be sure the tank is empty before you attempt to perform this installation.

In existing tanks or in tanks with short outlet stubs, it may be necessary to extend the tank outlet stub by using a coupling and a pipe section. A coupling may also be needed to bush from 3034 PVC to the Schedule 40 outlet of the filter.

IMPORTANT: Take proper precautions and wear personal protection equipment (PPE) whenever working in an enclosed area, such as a septic tank.

Step 1: Dry Fit Vault

Step 1a: Remove the Biotube[®] filter cartridge from the vault.

Step 1b: Dry fit the vault's outlet to the tank outlet stub.

- Make sure there is enough clearance at the tank opening to remove the Biotube filter cartridge for cleaning and tank pumping.

Step 1c: Remove the vault from the tank outlet stub.

Step 2: Install Vault And Filter

Stainless steel self-drilling screws can be used in place of PVC cement in this step.

Step 2a: Apply PVC cement to the outside of the tank outlet stub and the inside of the vault's outlet.

- Don't use PVC cement if you are using stainless steel screws.

Step 2b: Press the vault into position on the tank stub.

- Make sure the vault is straight and vertical, adjust it if necessary.
- Secure the vault with the stainless steel screws, if you are using this method.

Step 2c: Install the Biotube filter cartridge into the vault.

- Makes sure the handle tees snap into the vault body.

Step 3: Adjust Handle Length, If Necessary

If necessary, extend the filter cartridge's handle to make access easier from the top of the riser.

- Use 1-in. (25-mm) Schedule 40 PVC for the handle extension.
- If the handle extension is longer than 4 feet (1.2 m), make a stiffening "ladder" with tees and horizontal pipe sections.
- Secure the extension on the handle with stainless steel self-drilling screws or PVC cement.

