

AeroFin™ Pressure Distribution Systems

Installation Instructions

Before You Begin

AeroFin may only be installed according to state and/or local regulations. If unsure of the installation requirements for a particular site, contact the local health department.

Soil and site conditions must be approved prior to installation. Conduct a thorough site evaluation to determine proper sizing and siting of the system before installation.

These guidelines must be followed during installation:

- Avoid direct contact with AeroFin when using construction equipment. AeroFin requires a 12-inch minimum of compacted cover to support a wheel load rating of 16,000 lbs/axle or equivalent to an H-10 AASHTO load rating.
- Max diameter pipe is 1" bell end.
- Remove stones larger than 3 inches in diameter in the backfill.

Installing the AeroFin Pressure Distribution System

1. To allow pressure laterals to drain after each dose, drill a hole in the bottom of the pipe at the beginning and end of the pressure line. Proceed to drill holes facing up in the remaining length of the pipe. Pressure lateral hole size and spacing is per design plan.



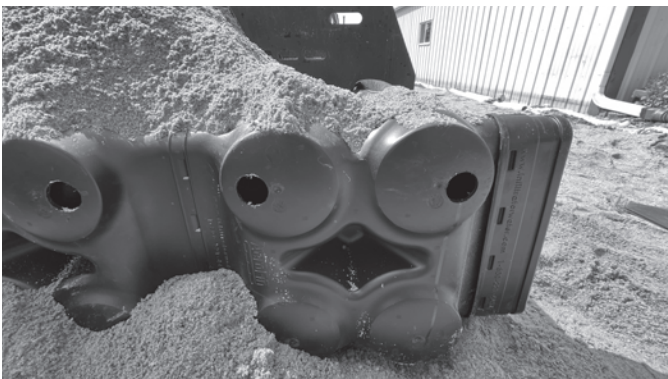
2. Stake out, excavate, level, and install system sand in accordance to the design plan and state-specific AeroFin design and installation manual.

3. Lay out and assemble AeroFin on System Sand bed per the design plan and state-specific AeroFin Design and Installation Manual. Do not install manifolds or endcaps on ends of each row.

4. With a hole saw, drill out the orifice in the manifold and endcaps.

- The manifold orifice should be drilled 2 1/2" from the top and 1 5/8" from the side. Do not use the dimple in the manifold for the pressure pipe orifice.
- The endcap should be drilled 2 1/4" from the top.
- For a 3/4" diameter pressure lateral, use a 1 1/8" hole saw.
- For a 1" diameter pressure lateral, use a 1 3/8" hole saw.

Attach the AeroFin manifold to the inlet side of AeroFin.



5. Start to backfill the system from the edges first. Keep sand away from the open ends of the system. Once system sand is holding system in place proceed to step 6.

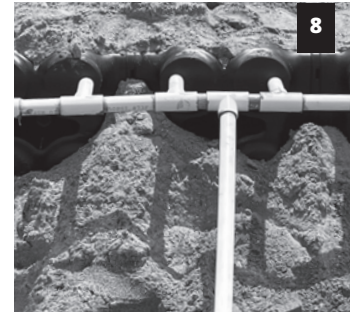
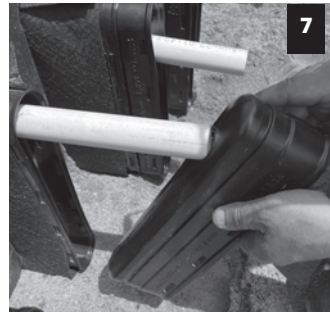
Note: Health Departments may require a wet-run pressure check. Check with your local Health Department for the proper procedure.

6. Insert pressure lateral pipe through the manifold and the top section of the AeroFin.

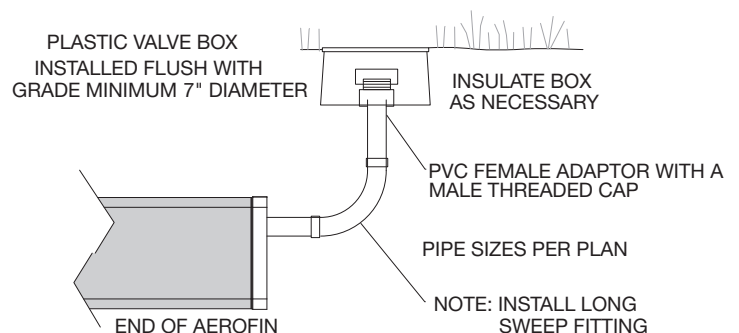


7. Install the endcap. Allow for the pressure lateral pipe to extend at least 2" past the endcap for a long sweep.

8. Install a pressure manifold on the inlet side of the bed to connect all AeroFin laterals in the bed. Install cleanouts per plan or as needed by state code.



Access for Drainfield Maintenance and Flushing



INFILTRATOR WATER TECHNOLOGIES STANDARD LIMITED WARRANTY

(a) The structural integrity of each unit, endcap and other accessory manufactured by Infiltrator (collectively referred to as "Units"), when installed and operated in an onsite wastewater system in accordance with Infiltrator's installation instructions, is warranted to the original purchaser ("Holder") against defective materials and workmanship for one year from the date upon which a septic permit is issued for the septic system containing the Units; provided, however, that if a septic permit is not required for the septic system by applicable law, the one (1) year warranty period will begin upon the date that installation of the septic system commences. In order to exercise its warranty rights, Holder must notify Infiltrator in writing at its corporate headquarters in Old Saybrook, Connecticut within fifteen (15) days of the alleged defect. Infiltrator will supply replacement Units for those Units determined by Infiltrator to be defective and covered by this Limited Warranty. Infiltrator's liability specifically excludes the cost of removal and/or installation of the Units.

(b) THE LIMITED WARRANTY AND REMEDIES IN SUBPARAGRAPH (a) ARE EXCLUSIVE. THERE ARE NO OTHER WARRANTIES WITH RESPECT TO THE UNITS, INCLUDING NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

(c) This Limited Warranty shall be void if any part of the AeroFin system (unit, end cap or other accessory) is manufactured by anyone other than Infiltrator. The Limited Warranty does not extend to incidental, consequential, special or indirect damages. Infiltrator shall not be liable for penalties or liquidated damages, including loss of production and profits, labor and materials, overhead costs, or other losses or expenses incurred by the Holder or any third party. Specifically excluded from Limited Warranty coverage are damage to the Units due to ordinary wear and tear, alteration, accident, misuse, abuse or neglect of the Units; the Units being subjected to vehicle traffic or other conditions which are not permitted by the installation instructions; failure to maintain the minimum ground covers set forth in the installation instructions; the placement of improper materials into the system containing the Units; failure of the Units or the septic system due to improper siting or improper sizing, excessive water usage, improper grease disposal, or improper operation; or any other event not caused by Infiltrator. This Limited Warranty shall be void if the Holder fails to comply with all of the terms set forth in this Limited Warranty.

Further, in no event shall Infiltrator be responsible for any loss or damage to the Holder, the Units, or any third party resulting from installation or shipment, or from any product liability claims of Holder or any third party. For this Limited Warranty to apply, the Units must be installed in accordance with all site conditions required by state and local codes; all other applicable laws; and Infiltrator's installation instructions.

(d) No representative of Infiltrator has the authority to change this Limited Warranty in any manner whatsoever, or to extend this Limited Warranty. No warranty applies to any party other than the original Holder.

The above represents the standard Limited Warranty offered by Infiltrator. A limited number of states and counties have different warranty requirements. Any purchaser of Units should contact Infiltrator's corporate headquarters in Old Saybrook, Connecticut, prior to such purchase, to obtain a copy of the applicable warranty, and should carefully read that warranty prior to the purchase of Units.

Contact Infiltrator's Technical Services Department for assistance at
1-800-221-4436 or info@infiltratorwater.com