

Infiltrator Chamber Installation

Ground Burrowing Animals Guidelines

Since 1987 millions of Infiltrator chamber systems have been installed throughout the United States and Canada in a wide range of soil types, climate conditions, and topography with a proven record.

The incidence of problems associated with ground burrowing animals (with gophers posing the most significant threat) has been minimal. This issue has been reported and investigated on less than 0.005% of installed systems in the Northwestern United States and Western Canada, where ground burrowing animal issues are particularly pronounced. Infiltrator has investigated this issue through an informal field study of randomly selected sites in gopher-prone areas and found no greater incidence of system malfunction. However, since the potential for system disruption exists, Infiltrator is providing a solution to our customers installing systems in areas inhabited by ground burrowing animals. Please note, however, that in the vast majority of chamber installations in the Northwestern United States and Western Canada, Infiltrator recommends installing chambers per the standard installation instructions without the use of supplemental materials.

Infiltrator suggests (non-mandatory) the installation of wire mesh (chicken wire or other) under chambers when installed in areas of significant ground burrowing animal activity and when confronted with the specific conditions as follows:

- 1. Drainfield area shows visible signs of ground burrowing animal activity.**
- 2. Installations not put into service for an extended period after installation.**
- 3. Drainfield designed using serial distribution in significant ground burrowing animal activity.**

The use of wire mesh in systems installed in ground burrowing animal areas will not void the product warranty.

Wire Specifications:

- ½" – 1 ½" Hexagon Netting and/or Square Netting
- 18" – 36" (width of the chamber being installed)
- 20 Gage Galvanized Wire
- Plastic Fencing may be Substituted with a Minimum ¼" Strand Width

Manufacturers include but not limited to: Jackson-Wire International, Inc.

Please note the following supplemental Installation Instructions:

1. Refer to manufacturer's chamber installation instructions.
2. After the excavation is prepared roll out wire mesh on the trench bottom for entire length of the trench (See Figure 1).
3. Install the chambers over the wire base (See Figure 2).
4. Complete remainder of installation per manufacturer's chamber installation instructions.



Figure 1: Roll out wire mesh



Figure 2: Install chambers over the wire