



## Drain Fly Infiltration

Drain flies appear in homes, rest rooms of commercial buildings, sewage disposal plants and agricultural facilities that handle moist animal waste. Restaurants, schools and other public buildings may be avoided when drain flies are a nuisance. Bronchial asthma can be caused by inhaling fragments and dust of dead flies. Since these flies originate in filthy conditions, there is the possibility of physical transmission of microbes of human health concern. Drain flies can carry bacteria and other microorganisms from egg-laying sites to food and surfaces that come in contact with food.

### Life Cycle

Drain fly larvae grow and feed in polluted, shallow water or in highly moist organic solids prevalent in drains. The life cycle of drain flies can be completed in one to three weeks. Adults live about two weeks, with old ones dying and new ones emerging.

### Prevention

The most effective way to prevent drain fly infestations is to eliminate their breeding places. Inside buildings, this would include cleaning the drain pipes, drain traps and other plumbing system components in an attempt to eliminate the bacterial scum (gelatinous rotting, organic matter) that regularly forms on the surfaces of plumbing.

### Pesticide Treatments

There are no insecticides registered for use in drains or sewage systems, as they can cause major damage of sewer and sanitation systems. In most cases, the larvae seem to be resistant to such treatments.



The Green Drain can help to prevent drain fly infiltration and potentially fatal cross contamination and infection spread caused by unprotected drains. The Green Drain is an economical Drain Trap Seal Device that allows water to flow down the drain while preventing Pests, Odors, and Harmful Gases/Pathogens from infiltrating the living or work space.



### Prevents

Drain Odors  
Pest Infiltration  
Sewer/Radon Gas Infiltration  
Harmful Biologic Aerosols

### Product Benefits

Increases Indoor Air Quality  
Protects the Public Health  
Green Technology  
Helps in LEED Certification

### Product Features

One way drain valve  
Ease of installation  
Does not impair flow rate

Does not impair plumbing maintenance  
Provides sewage back-flow protection  
Universal Plumbing Code Certified

