

BACKFLOW PREVENTERS

## FOR HOSE THREAD FAUCET INSTALLATIONS






**PURPOSE:** This device is a unique, back-siphonage preventer especially made for portable hoses attached to hose thread faucets. Its purpose is to prevent the flow of contaminated water back into the home water supply.

**APPLICATION:** It is used either indoors or outdoors on a variety of installations such as hose faucets supplying garden hoses, hoses to swimming pools, laundry tubs, service sinks, wash racks, photo developing tanks or sinks, dairy barns, or other similar installations. When installed outside, the device must be removed before the temperature drops below freezing.

**CONNECTIONS:** The unit is easily attached to any home hose bibb and contains a threaded connection which permits attachment of garden hose. No plumbing changes are necessary.



Contact us at  
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Updated: 07/08/2021

IMPORTANT AND NEEDED FOR  
INDOOR AND OUTDOOR HOSE BIBBS  
**HOSE CONNECTION  
VACUUM BREAKERS  
for BACK-SIPHONAGE  
PROTECTION**



PREVENTS BACK-SIPHONING OF  
CONTAMINATED WATER INTO HOME PIPING

## Here's how the Back-Siphonage Preventer Protects you and your house water supply against CONTAMINATED WATER

1. People have the utmost confidence in the water we drink. We just open a faucet and drink what comes out. If, however, the water is contaminated, sickness and even death can be the result.



The common garden hose, used for many conveniences, can be a dangerous vehicle for carrying contaminated water back into your home, unless simple precautions are taken to protect against back-siphonage.

2. Back-siphonage is the reversal of normal flow in a system (caused by a vacuum) in the supply piping. Its effect is similar to the custom of sipping an ice cream soda from a glass by inhaling at the end of a straw.



3. Back-siphonage can occur whenever you lose the water pressure to your home due to a break in the service main, or by repairs being made on the line or due to fire fighting nearby which "robs" your pressure. Its effect is to "suck," or siphon, the water from your home piping and this is where back-siphonage protection for garden hoses is essential!



4. For example, if you were spraying weed killer on your lawn with a garden hose, a back-siphonage condition could "suck" the chemicals back into your house piping. Thus, anyone taking a drink of water, could actually be drinking weed killing chemicals.

An open hose left lying on the ground watering shrubs, or near a cesspool or other contaminated area could cause contaminated material to be "sucked" through the end of the hose, back into the house piping.



5. Another potential danger is the indoor set-tub, or service/stationary sink/tub, where an open hose left carelessly hanging in the tub could allow detergents to be siphoned back into the home piping, contaminating the water and exposing inhabitants to serious harm.



6. Oddly enough, even with relatively low house pressure, a backflow condition could occur. If an open garden hose was left in an elevated position watering shrubs, contaminated material could enter your home piping by means of gravity flow.



7. Leaking gas can be smelled and smoke and fire can be seen, but usually it is impossible to detect contaminated water. The only positive solution is to provide permanent protection against contaminating your water supply.

The device is simply screwed onto your hose bibb and no plumbing changes are necessary. The garden hose is then attached to the No. 8. You can then have lasting, dependable protection.



8. The preventer works by means of a positive, patented, rubber-to-rubber seating design, which closes absolutely tight if the supply pressure fails, thus no back-siphonage can occur.

Be sure to install a back-siphonage/backflow preventer on any hose bibb where it is possible to attach a garden hose.



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