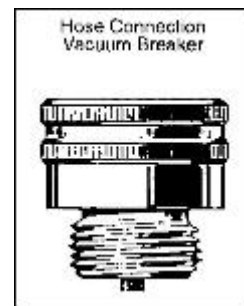
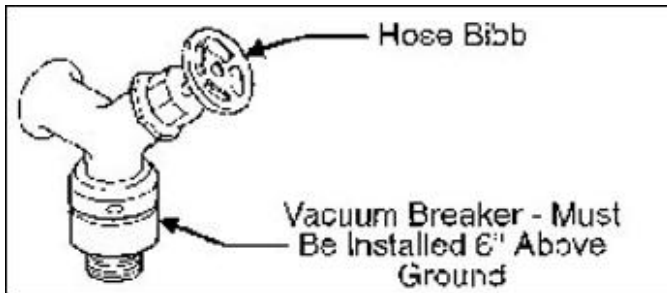


BACKFLOW DEVICES FOR RV PARKS

Backflow prevention devices are used to prevent "backflow" of foreign liquids and other matter into the potable supply of water which could result in contamination. Backflow may occur when the pressure on a system is less than the pressure on a customer's system. For example, if a fire department were to draw too much water while fighting a fire, it would reduce the pressure in the area's water main below that which exists in, say an RV, thus back-siphoning chemical mixtures from the RV into the water main. This could contaminate that area's water. While uncommon, pressure differentials can happen and protective devices must be used as required by law to protect the water supply.

The device most commonly used is called a:

HOSE BIB VACUUM BREAKER



Why are they needed?

1994-008 Washington

An Ethylene Glycol cooling system was illegally connected to the domestic water supply at a veterinarian hospital.

1995-002 Washington

A cross-connection permitted untreated irrigation water to flow into domestic water lines causing 11 cases of giardiasis.

1995-003 Washington

An air compressor connected to the # 1 test cock of a DCVA on a landscaped irrigation system pumped air into the water distribution system.

1995-004 Washington

Pink water was reported in a high rise multipurpose building; the result of a cross connection with a heating/cooling system pump.