

Hose Connection Vacuum Breaker

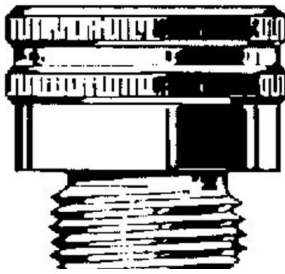


Figure 1

A hose connection vacuum breaker should be installed on each faucet or hose bibb that is connected to the potable water supply to prevent backflow to the water supply. A HVB is a small valve assembly ([Figure 1](#)) that protects an individual water outlet. HVB's are normally constructed of brass with hose threaded connectors. They are relatively inexpensive, costing approximately \$5 - \$10.

Installing Hose Connection Vacuum Breakers

An HVB is simply installed by threading the assembly onto the male hose threads of the faucet or hose bibb ([Figure 2](#)). A garden hose is then connected by threading it onto the male hose threads of the HVB ([Figure 3](#)), thus it is no more difficult to connect or remove a garden hose with the HVB installed than without it.

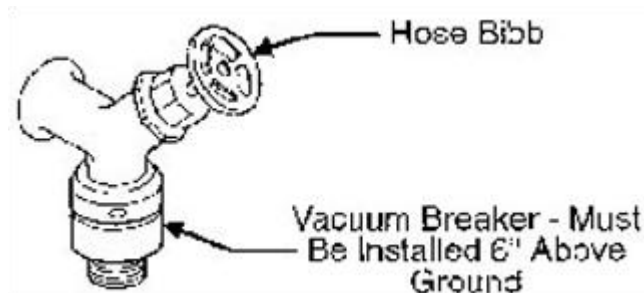


Figure 2. A hose connection vacuum breaker is installed by threading it onto the hose bibb. It must be located at least 6 inches above the

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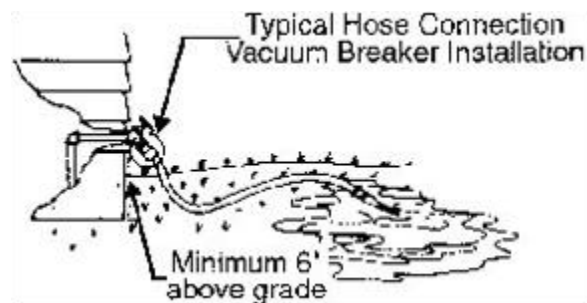


Figure 3. A garden hose is easily installed by threading it onto the hose connection

HVB's must be installed at least 6 inches above the ground surface. This distance is required so that water that is vented to atmosphere will not pond around the HVB. An HVB will not work properly if it is submerged. In fact, if it is submerged, polluted water will be able to enter through the atmospheric vent. Most HVB's have a mechanism which prevents them from being easily removed once they are installed. This prevents them from being removed when the garden hose is removed. Once the HVB is installed, no further adjustments are required.

**Please call Shiner City Hall 361-594-3362 to schedule a
CustomerServiceInspection**