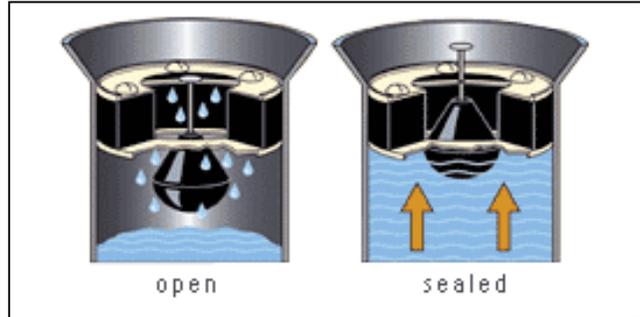


City of Toledo
Basement Flooding Grant Program
Floor Drain Check Valve Information

A valve is a device that opens and shuts automatically to allow flow in one direction only. Some sewage valves can be installed in the floor drain as flood prevention. Other valves are installed in-line with the sewer line itself and require excavation to reach the sewer line. Those installed at the floor drain are much lower in cost and ease of installation.

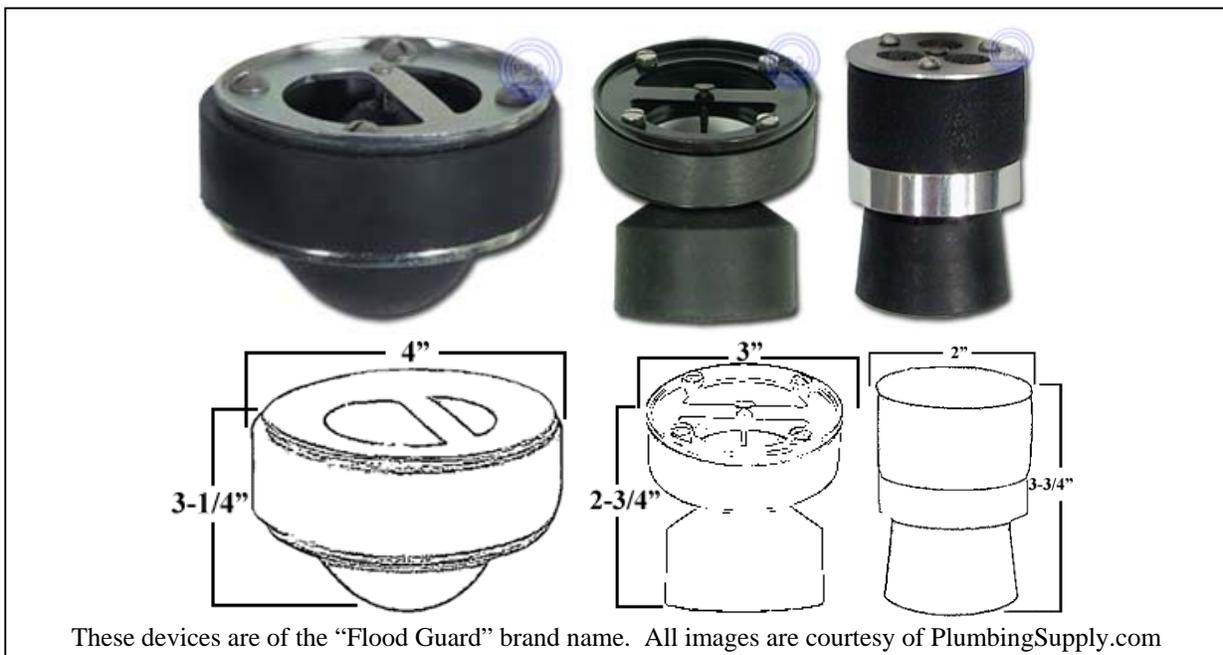


Their use is at the discretion of the property owner. When the valve shuts to prevent sewer backflow, there will be some pressure in the sewer line. Their installation does not require a permit or inspection. Tightening the screws causes the rubber disk expand so it is wedged into your floor drain sewer connection. If seeking further advice on using this device or for installation, a licensed plumber is recommended.

When looking for a good place to install the device, consider how the footer drain tiles (a.k.a. soft tiles or foundation drain tiles) connect to your plumbing. You may have to lift off a cover of a floor drain to locate the footer tiles below. Depending on placement of the footer tiles and where the valve is installed, the footer tiles may either be subject to pressure from sewer backup (should be avoided), or be allowed to run freely (preferred). In the event the check valve closes and the footer tiles are conveying clean ground water to the basement floor drain, such water will need to be pumped out using a sump pump or otherwise dealt with.

These devices deteriorate over time and require replacement. If your floor drain is used for the disposal of other wastes (i.e. washing machine discharge, utility sink) you may need to clean the valve occasionally and/or prevent debris from collecting at the valve which could cause a malfunction.

Some models double as a standpipe adapter. Various makes and models may be available at: The Andersons, Ondrus Hardware, Fred's Pro Hardware, and Howard's Hardware among other places. There is also a City of Toledo Free Floor Drain Check Valve Program, when supplies are available and a waiver/ application is submitted.



**CITY OF TOLEDO PUBLIC UTILITIES DEPARTMENT
FREE "FLOOD GUARD" APPLICATION FORM**

PLEASE PRINT:

Name _____

Address with Basement Flooding _____

Mailing Address, if different _____

Telephone # _____

Number of "flood guards: requested, and sizes* _____

*Available in 2", 3", and 4" sizes as shown on the [flood guard handout.](#)

I, the undersigned, hereby request a free "flood guard" device from the City of Toledo ("City") and in consideration of the goods/services provided by the City, understand, agree and covenant the following:

- that I am the owner of the above listed property with a basement which is located within the corporate limits of the City;
- that the City does not sell, manufacture, maintain, guarantee or warrant these "flood guard" devices;
- that the City is not a dealer in this type of device and that the City is providing "flood guards" as a public service to promote public safety and to help prevent property loss from basement flooding;
- that I shall install or cause to have installed the "flood guard" device only in accordance with the manufacturer recommendations;
- that all goods/services are provided by the City "as is" without warranty of any kind. ALL WARRANTIES OF ANY TYPE, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED BY THE CITY.
- that it is my responsibility, not the City's, to maintain this "flood guard" device;
- that a "flood guard" is one type of protection against basement flooding and is not appropriate for all situations;
- that the selection of vendors, equipment and improvements to prevent basement flooding are solely at the discretion of the undersigned property owner and that the City expressly disclaims any liability for those chosen by the undersigned property owner; and
- that I, on behalf of myself and other occupants of the above listed property, do hereby release, indemnify, defend and hold the City of Toledo and its employees, agents, elected officials and representatives harmless from any liability in connection with the goods/services provided.

The recipient of a free "flood guard" device with basement flooding problems remains eligible to apply for funds through the City's Basement Flooding Grant Program.

Signature _____ Date _____

**THIS PROGRAM IS PROVIDED AS A PUBLIC SERVICE
ONLY TO PROPERTIES LOCATED IN THE CITY OF TOLEDO**

----- City of Toledo notes only below this line -----

_____ BFGP ID #

(Y/N) Request Approved

Comments: _____

Signature _____ Date _____