

PROTECTION OF PLUMBING SYSTEMS FROM CONTAMINATION (WATER TREATMENT DEVICES)

ONTARIO BUILDING CODE

7.6.2.1. Connection of Systems

- (1) Connections to potable water systems shall be designed and installed so that non-potable water or substances that may render the water non-potable cannot enter the system.

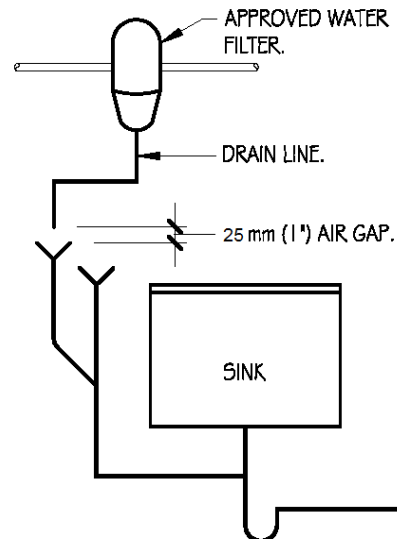
7.4.2.1. Connections to Sanitary Drainage Systems

- (1) Every fixture shall be directly connected to a sanitary drainage system, except that,
- (d) the following devices shall be indirectly connected to a drainage system...
- I. a device for the display, storage, preparation or processing of food or drink,
 - II. a sterilizer
 - III. a device that uses water as a cooling or heating medium,
 - IV. a water operated device,
 - V. a water treatment device
 - VI. a drain or overflow from a water system or a heating system, or
 - VII. a drain line from an HVAC system or equipment, and ...

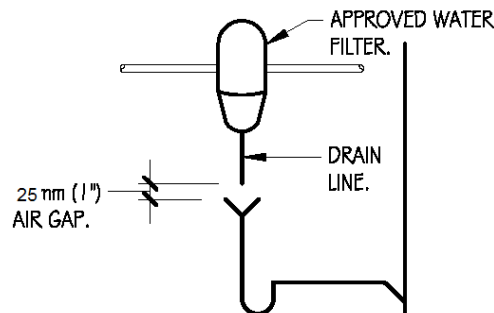
OBJECTIVE

Connections made to the potable water system must not contaminate the system. Part 7 of the Building Code regulates the materials and equipment that can be connected to a potable water system.

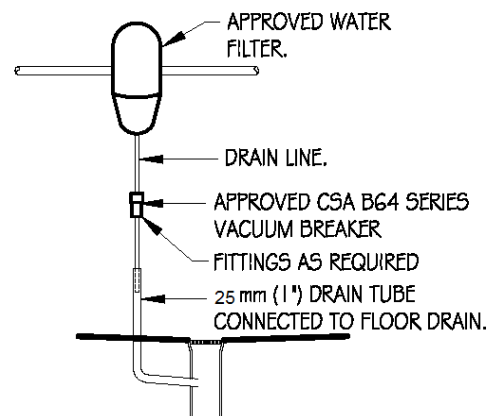
Back-wash filters installed in the potable water system must be approved by a recognized agency for this purpose. The installation of the back-wash filter must also comply with Sentences 7.6.2.1.(1) and 7.4.2.1.(1)(d) of the Building Code. This builder's tip illustrates acceptable methods for connecting the back-water filter drainage pipe to the dwelling drainage system.



STANDING WASTE



VENTED TRAP



FLOOR DRAIN