

CROSS CONNECTION CONTROL

. Chemical Dispensing Systems: The drinking water system must also be protected from connection to chemical dispensing systems. There are several options available:



REQUIRED BACKFLOW PROTECTION

Shampoo Bowls

Shampoo bowls in beauty salons and barber shops are required to have a backflow preventer installed on the water supply to the spray hose. Should the spray hose be left in the shampoo bowl, the possibility exists for contaminated water to be siphoned into the drinking water system. The usual installation is an Atmospheric Vacuum Breaker (AVB) installed on the deck of the shampoo bowl. The AVB must have ASSE 1001 stamped on the top of the device.



Pedicure Foot Spa

Pedicure foot spas present two challenges for controlling backflow.

- The water inlet must be a minimum of 1" above the flood rim of the foot spa.
- The spray nozzle must be equipped with a backflow preventer.



The minimum backflow protection for a pull out spray hose on a pedicure foot spa is a Pressure Vacuum Breaker (PVB) installed 12" above the basin of the pedicure foot spa. An assembly must be installed on the hot and cold water lines serving the spa. Numerous spas can then be connected downstream of the PVB.

Pressure Vacuum Breaker



Note: Pull-out spray nozzles on shampoo bowls and pedicure foot spas for which compliance with ASME A112.18.1 /ASME A112.18.3 can be demonstrated are exempt from backflow requirements.

A single backflow preventer installed on the main water line to the business is not considered ade-



Typical PVB Installation

Hot & cold water supply to pedicure foot spas