

Assembly

(Refer to Figures 1 - 7) To assemble the maxchek backflow prevention valve, separate the valve's two parts and place the Fram into the designated notch. Aligning the valve's peg with the Fram's hinge will ensure a secure fit. Insert the slender end of the maxchek valve into the suction coupling and insert the saliva ejector into the other end of the maxchek. To prevent cross-contamination, maxchek must be cleaned/sterilized after every client.

Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Cleaning

Prepare for cleaning / decontamination:

Disassemble the valve from the Fram. Inspect the Fram for any wear or tearing. Replace if necessary. Fully immerse the three components into a mild detergent soak until decontamination is done at a later time. Rinse well with potable water before cleaning.

Cleaning / Decontamination:

If not disassembled earlier, disassemble the valve from the Fram and position securely into the basket's slots (maximum fill of 16 valves). Frams are to be placed into the smaller basket, located on top. When the lid is closed, they will be secure (Figures 8 - 10).

(Ultrasonic Bath) Sonic clean for 15-30 minutes with a pH neutral to mild alkaline solution. Rinse with potable water prior to sterilization.

(Automatic Washer) Place in the washer's top rack. Wash using a pH neutral to alkaline washer solution. The valve and Fram are designed to withstand a washer's repeated cycles of cleaning.

Fig. 8



Fig. 9



Fig. 10



Sterilization

Inspect all parts of the maxchek valve to ensure proper cleaning before packaging. Leave all three disassembled for sterilization in a suitable sized sterilization pouch. Autoclave such that the device is subjected to 132°C (270°F) for 4 minutes. When sterilizing, DO NOT exceed 177°C (350°F). DO NOT use ethylene oxide, chemical sterilants or high-level disinfectants.

For autoclaving, keep all three pieces together (disassembled) and place in an appropriate sized pouch (*Figure 11*). Autoclave at 132°C (270°F) for 4 minutes.

Fig. 11



Storage

Following best practices, sterilized maxchek parts should be maintained in the pouch until the point of use. At that time, remove them from the pouch and assemble. (See **Assembly** above)