



A-Frame Filtration Insert

Installation of MetalZorb® Filter Elements

Installation Procedure

- 1) Remove grate and thoroughly clean grate support frame.



- 2) Inspect grate frame to ensure the rubber gasket on the deflection pan forms an effective seal, see option 8.



NOTE: We recommend the host fixture is pressure washed and vacuumed prior to filter installation.

- 3) Lay the A-frame filter element on the ground with the white vinyl strips facing up.



- 4) Place the frame portion of the filter system on top of filter with the hinges and wire handle facing up.



- 5) To connect the filter element to the frame, begin with the bottom vinyl strips. Slide the vinyl strips into the slots on the bottom and outer edges of the frame.



- 6) Once the filter elements vinyl strips have been fixed to the frame, place the complete system upright. Use the Velcro strips to connect the top of the filter element to the frame



- 7) Place assembled A-frame filter system into host fixture with the outlet pipe located on the inside of the frames 90° bend. The filter insert should frame around the outlet pipe.



- 8) Optional: If your system is for a grated inlet, place the deflection pan on the basins frame with the openings in the same orientation as the installed a-frame.



- 9) Make sure the sample port cap is firmly in place on the optional deflection pan, then reinstall grate.



Maintenance

Visual monitoring of the filter element to check performance should be done during monthly inspection.

- 1) Remove grate to access the unit for cleaning.
- 2) If applicable, remove the deflection pan.
- 3) Remove filter element.* Filter elements should be changed when the unit is heavily fouled at the surface and sedimentation has built up, impeding flow of water.
NOTE: The used filter element should be allowed to drain and disposed as dry waste.
- 4) Replace filter element with a new one, following the installation instructions.

*Check with your local waste disposal authority for proper disposal of exhausted filter elements and waste materials removed from the system.