



ENVIRONMENTAL SUSTAINABLE SOLUTIONS LTD

Sustainable Drainage Systems
Roof Gardens, Water Re-cycling
ECOSOIL - Filtration, Porous Surfacing
Solar Power, Geo-Thermal System
Contaminated Land Remediation

Installation Instructions for ESS Aquabrakes

Fluidic-Cones or Fluidic-Amps with Sleeve Attachment

- A. Orient Fluidic-Amp so that the inlet point is at the lowest elevation.
- B. Orient Fluidic-Cone with a boxed inlet such that the bottom of the box is even with the outlet pipe invert and is located left of center looking in the downstream direction.
- C. Push Aquabrake sleeve into outlet pipe until the sleeve is as completely inside the outlet pipe as possible.

Fluidic-Cones or Fluidic-Amps with Plate Attachment

- A. Install the plate over the outlet pipe such that the inverts of the Fluidic- Cone and the outlet pipe match. For Fluidic-Amps, the plate should be mounted such that the outlet invert is 1-inch (25 mm) above outlet pipe invert.
- B. Orient Fluidic-Amp so that the inlet point is at the lowest elevation.
- C. Orient Fluidic-Cone with a boxed inlet such that the bottom of the box is even with the outlet pipe invert and is located left of center looking in the downstream direction.
- D. Center the plate horizontally over the outlet pipe.
- E. Place a continuous bead of Sikaflex-1a sealant around the perimeter of the plate where it seats up against the wall.
- F. The plate should be attached to the wall with HILTI brand stainless steel drop-in wedge anchors or equivalent 3/8-inch (10 mm) diameter by 2-3/4 inch (70 mm) minimum length.

Note: When applicable, always refer to the construction drawings of the Aquabrake for dimensional and design information.