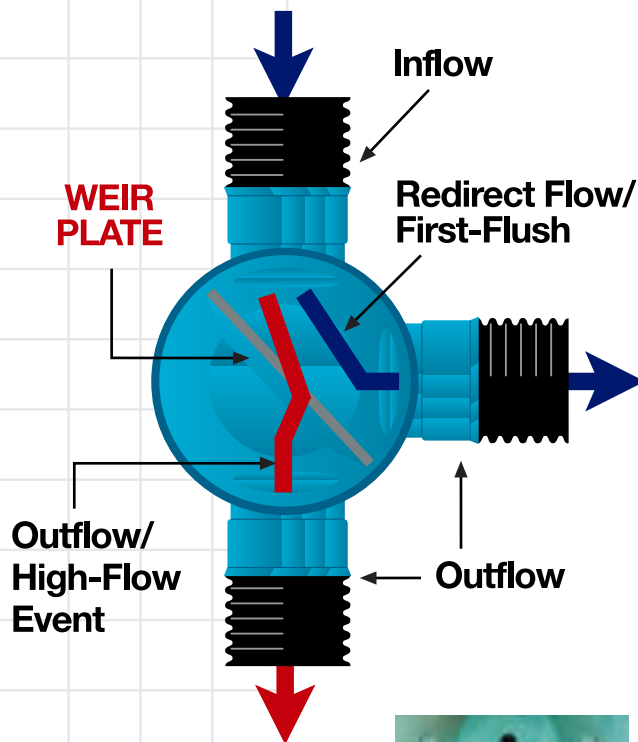




Weir Structure

The Weir Structure is a Nyloplast catch basin with a panel or plate device secured inside the structure that is designed to divert inflowing water to a preferred outlet, or to regulate the outflow of water from the drainage system.



How the Weir Structure Works:

- Storm water flows into the Nyloplast catch basin structure.
- The water flow is diverted to a desired outlet from the catch basin, typically to a water quality device, in order to effectively capture pollutants during the "first flush" of a storm event.
- The Weir Structure may also serve to restrict or regulate the flow of water exiting the drainage system. The restriction is determined by height of the weir and/or the size of the orifice hole in the weir plate.

Weir Structure Benefits:

- Simple and effective method to direct the inlet flow into a storm water management system or water quality device.
- Simple and effective method to regulate outlet flow from a storm water management system.
- Enhances ability of a water quality device to capture pollutants from storm event.
- Allows for flexibility to re-direct water flow during a high-flow event.
- Proven technology used for many years in the irrigation market.
- Nyloplast can customize Weir Structures (at the direction of the design engineer) to provide a variety of weir functions for site-specific needs, including "key way slot" and "v-notch" weir designs, and high flow or low flow orifice hole designs to further regulate the flow of storm water.

Ordering Information:

- Weir Structures available for 24" and 30" diameter drain basins.
- For use with 4" through 30" outlets.
- Minimum sumps are required in Weir Structures.
- Key measure is finish grade to top of weir device in the drain basin.
- Orifice hole diameter / placement based on direction from project engineer.

