

Hydrovex[®] TTT Membrane Flow Regulator

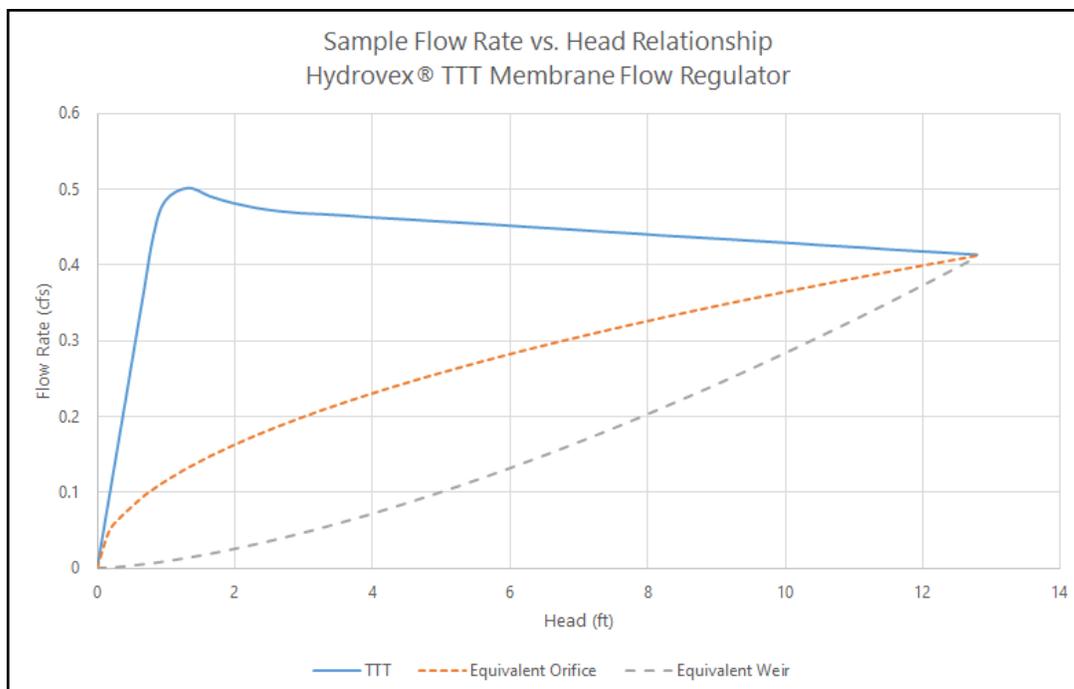


Flat Back with Slide Gate



ANSI Flange

The Hydrovex[®] TTT Membrane Flow Regulator produces a nearly constant flow rate over an extended range of operating head. It features a resilient Buna-N membrane stretched over a PVC tube with specially shaped slots cut from each side of the tube. It can be configured for installed on either the upstream or downstream side of tanks, ponds, and other storage systems. As water begins to flow through the TTT, the hydrostatic pressure outside of the tube becomes greater than the pressure inside, and the membrane is pressed into the interior. This reduces the cross sectional area and maintains the discharge at a nearly constant flow rate.



Sample rating curve not to be used for design purposes. Contact 2gH Solutions LLC for a custom configured rating curve tailored to meet your specific project needs.

Hydrovex® TTT Membrane Flow Regulator

The Hydrovex® TTT has a proven track record of success in North America dating back to 1985.

The Hydrovex® TTT is available in two different types:

- Type I is designed for a wet installation
- Type U is designed for a dry installation

The Hydrovex® TTT can be configured for a variety of installation conditions depending on your specific project requirements. Available connection options include:

- Slide gate connection with 304 stainless steel frame and pull cable.
- Standard ANSI flange pipe connection.
- Plain end for solvent weld connection.
- Turned down inlet available for floatables control.

Available flow rates from 0.1 cfs to 2.4 cfs.

The Hydrovex® TTT is an ideal solution for the following design problems:

- Minimizing detention storage volume
- Flow Splitting
- Flow Throttling



Hydrovex® TTT-U Installation