



## Product Bulletin

### Zilmet Diaphragm in the ZHP Hydro-Plus Side Connection Well Tank

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#### The Side Connection Diaphragm is Designed with a Framework of Grooves and Channels

- Allows complete mixing of water which helps eliminate sediment buildup in the Tank
- Forces flow of water to take the path of least resistance up and out of the side outlet
- Serves as a stand-off to prevent the Diaphragm from blocking the connector
- Keeps the Diaphragm off the Tank wall thereby reducing abrasion during cycling



#### Short And Fat Is Where It's At

**Zilmet Tanks are designed around the heart of the system, the Diaphragm. The shape is short and wide so that tank cycling results in less Diaphragm movement, leading to longer life**



*Zilmet Diaphragm – Actual Picture Showing Grooves and Channels*



*Zilmet Diaphragm – 3D Model Showing Side Connection Flow Dynamics*