

Severn Trent Services Introduces the TETRA® SNAP T™ Underdrain Filter Block

Revolutionary design further enhances block stability during backwash procedures; new block features: additional passive interlocking, positive row spacing for improved backwashing distribution.

Severn Trent Services has introduced the TETRA® SNAP T™ Underdrain Filter Block (U.S. Patent Number 7,141,164), which features a revolutionary design incorporating interlocking blocks that promotes additional robustness to the well proven TETRA T block. This feature passively locks the position of the blocks within the underdrain. Water, wastewater and industrial filtration facilities typically have an underdrain system to support filter media and to separate the filter media from the bottom of the filter. In addition to providing support for the filter media, the underdrain system serves two primary purposes: to allow filtered water to pass through to the collection system and to start the distribution of backwash water and backwash air across the filter.

The TETRA SNAP T Block is equipped with a snap-locking mechanism, which enhances the current interlocking features of the TETRA T block by providing a passive interconnection between the rows of TETRA underdrain blocks. The TETRA SNAP T Block allows the weight of the entire floor to be used to counteract the upward forces of the backwash. The ¼" opening between each block is maintained to allow backwash water into and filtered water out of the filter. Jacketed with high density polyethylene plastic for ease of installation, the blocks are corrosion resistant and are capable of supporting up to eight meters of media.