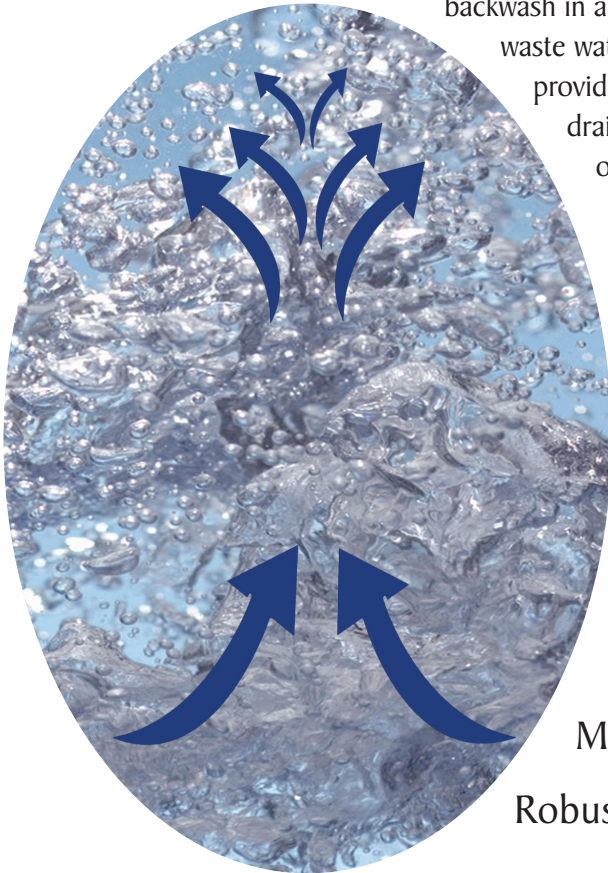


# *Syncro-Cleanse*<sup>TM</sup>

*Syncro Cleanse*<sup>TM</sup> utilizes the advantages of the lower flow rates of an air/water synchronized backwash in a four-step process to maximize the cleaning of filter media while reducing waste water. The synchronized backwash allows for less bed expansion while providing the necessary agitation for solids released. Through the progression of drain down, air wash, air/backwash combined and backwash only the collision of media particles facilitates the detachment and release of solids trapped by the media. Following a collision filtered solids become suspended and backwashing brings the solids to the waste outlet. Loprest<sup>TM</sup> uses a specifically designed baffle piping to prevent media loss during this phase. The specialized baffle creates an air free zone. In this zone, any entrained media can settle out of the backwash water and fall back into the media bed.



## *Syncro-Cleanse*<sup>TM</sup> Advantages

- Reduces Wastewater
- Compact Design
- Prevents Media Loss
- Maximizes Media Cleaning
- Robust Stainless Steel Construction