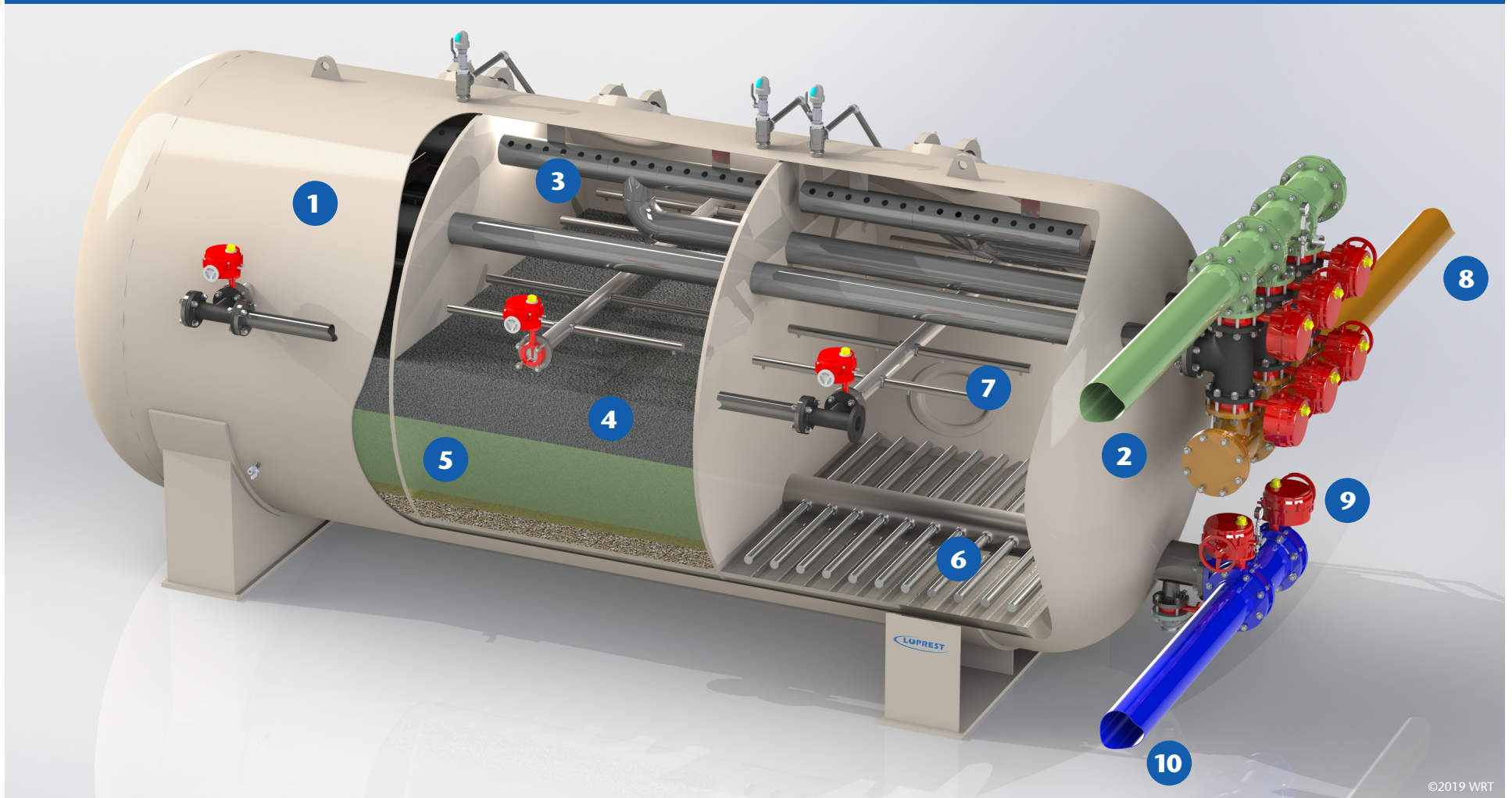


# Loprest Multi-cell Filter



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1. Multi-cell design allows filter to produce it's own treated backwash water supply. No additional pump or backwash water supply source is required.
2. Raw water inlet.
3. Stainless steel Raw water inlet/Backwash water outlet header provides long service life without maintenance.
4. Anthracite media effectively removes iron and other solids.

5. Greensand Plus media assures complete removal of manganese and enables rapid filter start-up.
6. Stainless steel underdrain system with wedge-wire laterals minimizes the need for support gravel and provides superior distribution in both service and backwash modes.
7. Unique water scour system allows additional cleaning while backwashing under pressurized operation.
8. Backwash water outlet.

9. Rinse water outlet.
10. Treated water outlet.



[Loprest.com](http://Loprest.com)

**Water Treatment Solutions Since 1928**

# Loprest Multi-cell Filter

## Loprest specializes in water filtration and treatment processes for the removal of iron, manganese, arsenic and other contaminants.

Loprest pressure filters can be provided in horizontal or vertical configurations for flow rates from 50 to 5,000 GPM. The Loprest multi-cell pressure filter design produces its own backwash water, so there is no need for a separate treated water source and pumping system. The Loprest filter design has been optimized over many years for reliable, efficient, economical operation. All Loprest treatment systems are operated by a fully automated control package.



Paramont, CA



San Angelo, TX



Scottsdale, AZ

### ***Syncro-Cleanse***<sup>®</sup>

The optional Syncro-Cleanse<sup>®</sup> feature utilizes the advantages of the lower flow rates of an air/water synchronized backwash in a single-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 release. Loprest utilizes a specially designed baffle around the water outlet piping to prevent media loss during the backwash cycle. The specially designed 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 Advantages:**

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



**Water Treatment Solutions Since 1928**

**For more information contact:** 303.424.5355 or visit [loprest.com](http://loprest.com)