



## Mixed Media Filters

# RE-CYKE® Aqua Pure Series



- ◆ High Clarity Water
- ◆ Flow Rates of 5-500 GPM
- ◆ Excellent Iron or Solids Filtration

### ***Why do I Need a RE-CYKE® Multi-Media Filter?***

Mixed media filters are highly efficient filters that require less space and generally can remove more contaminants than single media filters. Mixed media filters allow higher flow rates per square foot, and can remove particles down to the 5-15 micron range. Since these filters clean themselves through a backwash process, there are no consumable products to purchase.

### ***How does the RE-CYKE® Multi-Media work?***

The RE-CYKE® Multi-Media Filter starts with coarse layers on top to prefilter large solids. Successively smaller particles are trapped in the finer layers deeper in the filter bed. Correct layering is essential for proper performance. Each media is a specific gravity so that even after backwashing, the integrity of the layers remain. The smallest, heaviest media settles to the bottom and the largest, lightest media rises to the top. Since contaminant removal occurs throughout the entire depth of the media, these filters are extremely efficient and can capture large amounts of contaminants.

### ***Standard Features:***

- ◆ Automated Backwashing
- ◆ Media Selection Tailored to Application
- ◆ Skid-Mounted
- ◆ Pre-Plumbed
- ◆ Choice of Steel or Fiberglass Vessels

### ***Optional Features:***

- ◆ Differential Pressure Backwashing
- ◆ PLC Controlled Operation
- ◆ Air-Operated Valve Nest
- ◆ Remote Monitoring/Control
- ◆ Media Replacement Kit

Photos are representations only. Actual product may vary due to availability and/or modification of components.

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## **Waste Water Management, Inc.**

*The Leader in Water Treatment & Recycling Systems*

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