



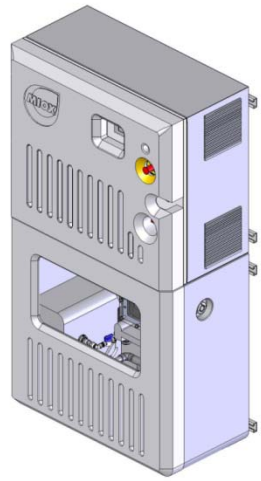
## New MIOX® VAULT™ Design Benefits

### Ease of Maintenance

- Self-cleaning system doesn't require acid washing as a normal maintenance task
- System designed for easy access to all major components

### Improved Functionality/Human Interface

- New touch screen display creates a common interface for all MIOX systems
- Improved flow control decreases system sensitivity to incoming pressure variation
- Air-cooled power supply
  - Allows hotter feed water to cell without impact on chlorine production or efficiencies
  - Reduces chiller requirements and associated need for pressure boost pump on chiller outlet



### Lower Lifecycle Cost

- Best small system conversion efficiencies for salt and energy in the industry (> 40% improvement\*)
- Less maintenance means less labor required for system operation

### Durability

- Decreased sensitivity to contaminants due to self cleaning capability
- Extended cell life through current density and coatings improvements
- Corrosion-resistant cabinet
- Separated electronics and hydraulics

### Adaptability

- Convertible between Mixed Oxidant and Hypochlorite chemistries with minimal changes; system users can upgrade to the advanced chemistry Mixed Oxidants at minimal cost

### Expandability

- Modular cell packs allow for expansion of chlorine capacity without increasing equipment footprint
  - Hypochlorite modules in ~25 lb increments up to 100 lbs total
  - Mixed Oxidant modules in ~15 lb increments up to 60 lbs total

\*over previous MIOX products



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