

# iSEP™

MEMBRANE MODULES

The Title 22 approved iSEP membrane chemistry was specifically formulated to handle highly fouling raw wastewater. Filtration is driven by a low vacuum and pumped retentate (concentrate) flows by gravity to the main process for treatment. 20 modules make up a train and equate to a capacity of 0.75 MGD. The PVDF chemistry allows for long-term dry storage.

## KEY FEATURES

- No tanks or blowers required
- Highly modular
- Dry storage

## MAIN ADVANTAGES

- On demand treatment reduces operating cost
- Easily expandable to facilitate future growth as needed
- Simple to mothball seasonally reduces maintenance

## FOCUS MARKETS & APPLICATIONS

- Short term peak or storm flows
- Temporary treatment



Parameter	Value
Type	Flat-Sheet, Spiral Wound
Membrane Area per Module	295 ft <sup>2</sup>
Membrane Material	PVDF
Nominal Pore Size	0.03μ
Min. Water Depth	Not Applicable
Routine Maintenance	Automatic backwash + C.E.B
Backwashable	Yes
Screening Requirement	3.0 mm

### OVIVO® MBR

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Leading MBR innovation to achieve energy neutrality, complete nutrient recovery and reuse of treated effluent, all at a lower total cost of ownership.



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