



XDO Series Water Deaeration Systems

Deaerated Water On Demand

**Fast.
Simple.
Efficient.
Precise.**

On-Demand DAW

Quick Start—Cold start to DO target under 2 min.

UNLIMITED DEAERATED WATER—After start-up an endless supply of DAW is available by simply opening a valve.

Dissolved Oxygen as Low as 5 PPB*— DO target as low as 5 ppb is achieved instantly and easily adjusted to your precise target.

Simple to Use

- On-demand deaerated water
- Portable
- Vacuum generator with no moving parts
- 3M™ Liqui-Cel™ membrane contactors remove dissolved gases efficiently without mechanical devices, heat or chemicals that require labor and create hazards
- Models available without electrical or utility water requirements
- Easy to clean and sanitize

Efficient and Precise

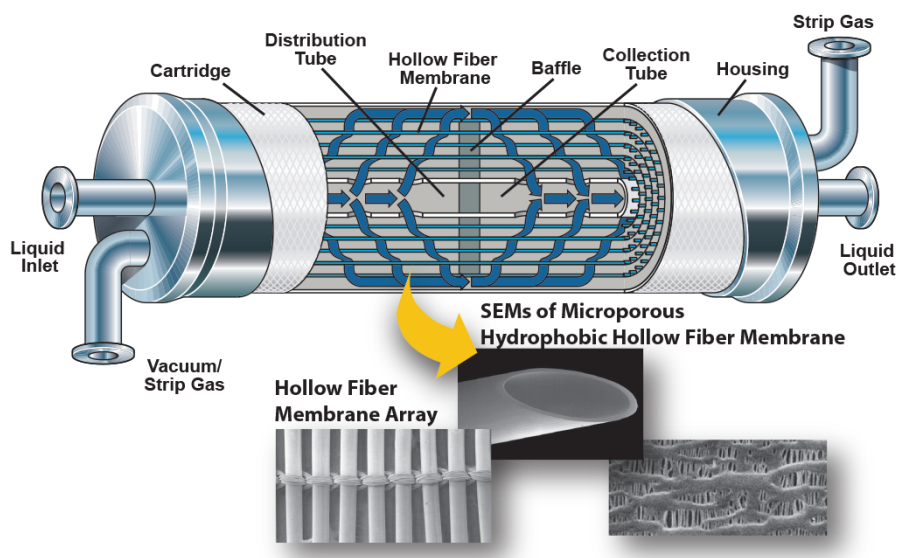
At the heart of the XDO Series, **3M™ Liqui-Cel™** technology quickly removes dissolved gases at the **MOLECULAR LEVEL**, and offers precision control that delivers as little as 5 ppb of DO.





3M™ Liqui-Cel™ Technology

3M Liqui-Cel Membrane Contactors offer a compact, versatile solution that efficiently and precisely removes dissolved gases from water. These contactors use microporous hollow fiber membranes to remove gases at the molecular level. This process quickly delivers precise, reliable results with less waste and energy than sparging and other batch processes. Using advanced membrane-based technology, the system reduces operating costs while improving product quality, consistency, and stability. The XDO system uses 3M Liqui-Cel technology to take the time, labor and guesswork out of making DAW.



Easy to Clean and Sanitize

- Clean in place or simply disassemble for vat cleaning
- Suitable for hot water sanitization
- Sanitary connections
- Sanitary gauges
- Stainless steel and FDA compliant wetted parts
- Stainless steel frame

Options

- Casters
- Custom automation & instrumentation
- Washdown design
- For other options consult PowerFlow

Specifications

Flow Rate: 5 - 50 gpm

Pressure Rating: 15 -150 psig*

Temperature Rating: 33 -180° F*

DO Performance: As low as 5 ppb*

Seals: FKM

Electrical Enclosure: NEMA 4x, IP-69K

Voltage: 120 VAC

Ambient Temp: 33° F to 105° F

Dimensions: 40"x38"x78"

Weight: 325 lbs (1 contactor)

500 lbs (2 contactors)

**Process dependent. Consult PowerFlow.*



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