AMI membrane contactor degasifier systems use Liqui-Cel ® microporous hollow fiber membranes to remove gases from liquids. During typical operation, liquid flows over the shellside (outside) of the hollow fibers while a vacuum is applied to the lumenside (inside) of the fibers. The dissolved gas is forced through the membrane pores and is carried away by the vacuum pump.

**Uses**
- Deoxygenation
- Decarbonation
- Carbonation
- Nitrogenation
- Hydrogenation
- Debubbling
- Hydrogen Sulfide Removal
- VOC Removal
- Osmotic Distillation
- Liquid/Liquid Extraction
- Humidification Gases
- Dealcoholization
- Ammonia Removal
- Many More

**Key Features**
- Over 30 years of water treatment experience is reflected in our quality
- Modular design offering flexibility for meeting future capacity
- Maximized surface area/volume for high performance and space efficiency
- Compact, heavy duty, powder coated frame
- Factory tested to ensure trouble-free operation
- Simple installation and operation

**Applications**
- Semiconductor/Microelectronics
- Boiler Feedwater
- Power Generation
- Flat Panel/TFT Displays
- Food & Beverage
- Pharmaceutical
- Ink jet Inks
- Offshore injection water
- Medical/Analytical
- General Industrial
- Solar Panels
- Aquifier Storage
- Photographic
- Plating/Coatings
- Eye Care Products
- Many More
Series LC - Membrane Degasifier Systems

**Standard Equipment**
- Liqui-Cel® Membrane Contactors
- Air Blower
- Inlet Air Filter
- Inlet Air Flow Meter
- Air Flow Control Valve
- Liquid Trap
- Vacuum Relief Valve
- In & Out Water Pressure Gauges
- Water Pressure Relief Valve
- In & Out Isolation Valves
- Drain Valve

**Ordering Information**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>System Capacity</th>
<th>Membrane Contactors</th>
<th>Line Size (NPT, Inches)</th>
<th>System Dimensions (in/cm)</th>
<th>Approx. Shipping Weight (Lb/Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC8X20</td>
<td>5-50 GPM</td>
<td>1.1-11 m³/hr</td>
<td>8” × 20”</td>
<td>Width 20/51, Depth 28/71, Height 66/168</td>
<td>400 lbs</td>
</tr>
<tr>
<td>LC28X20</td>
<td>50-100 GPM</td>
<td>11-23 m³/hr</td>
<td>8” × 20”</td>
<td>Width 20/51, Depth 28/71, Height 66/168</td>
<td>450 lbs</td>
</tr>
</tbody>
</table>

**Optional Equipment**
- pH Sensor (A225)
- PLC Option (A350)
- Flow Sensor/Transmitter (A153)
- Crating

**Notes**
- All dimensions and weights are approximate.
- System feed water must be pretreated down to 5 micron filtration level.
- Minimum and maximum feed flows as specified.
- Systems rated at 77°F (25°C) using RO permeate water. System capacity changes with degasification requirements. For higher degas requirements, a water analysis must be supplied and could result in modifications to the system.
- RO system is recommended for pretreatment. Contact us for additional details on your specific application.

**Voltage/Ordering Information**

Please add our voltage codes to the end of the model number when ordering.

Example: 1-116 = 110v, 1 ph, 60hz.

Voltage Codes:
- 116 = 110v, 1 ph, 60hz
- 216 = 220/230v, 1 ph, 60hz
- 215 = 220/230v, 1 ph, 50hz
Three Phase Not Available