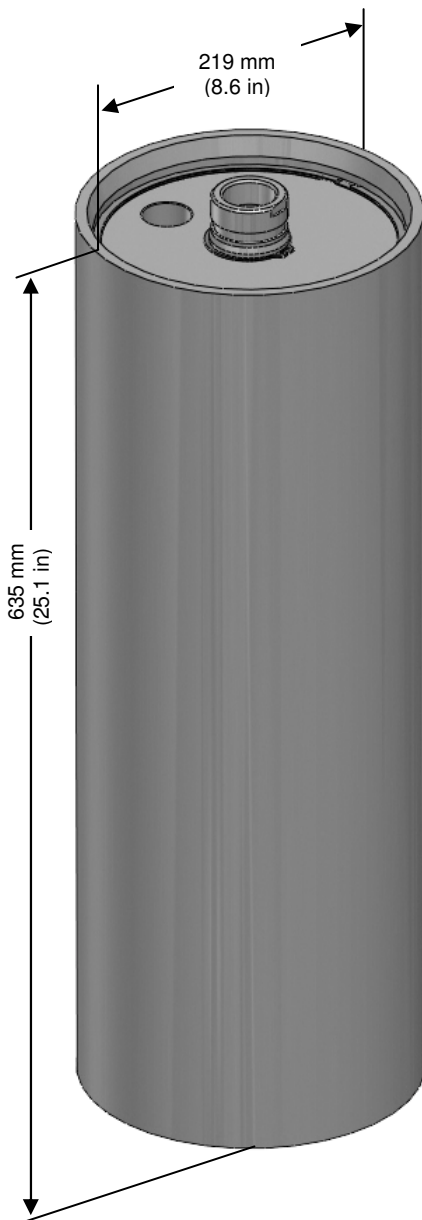


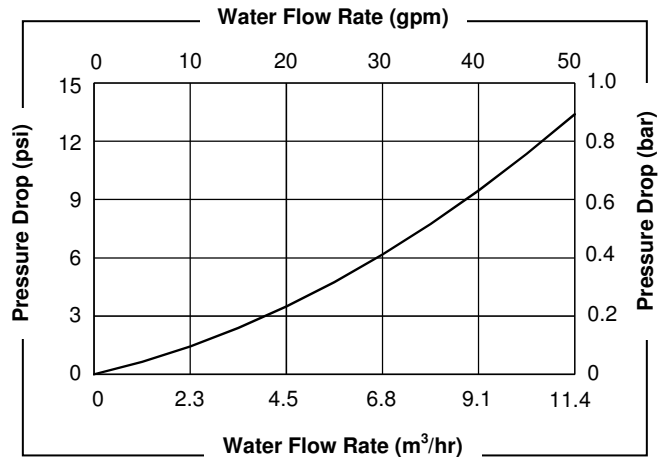
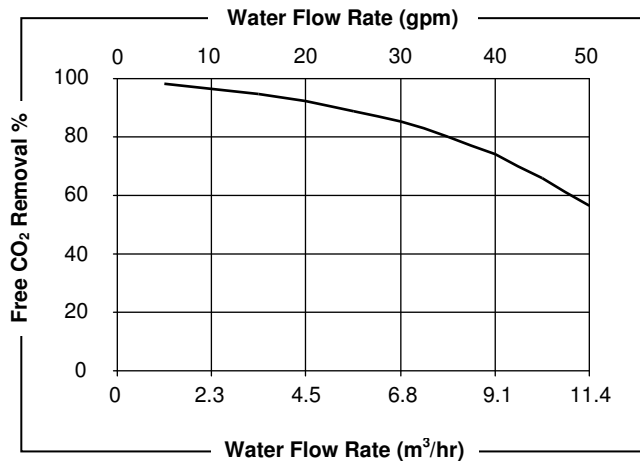
## 8 x 20 INDUSTRIAL EXTRA-FLOW PRODUCT DATA SHEET



**NOTE:** All dimensions are nominal values. See full housing drawing on website for additional details

<b>Membrane Characteristics</b>	
<b>Cartridge Configuration</b>	Extra-Flow with center baffle
<b>Liquid Flow Guidelines</b>	1-11.4 m <sup>3</sup> /hr (5-50 gpm)
<b>Membrane Type</b>	<b>XIND Fiber</b>
	Recommended for CO <sub>2</sub> removal from liquid and other gas transfer applications
<b>Membrane/Potting Material</b>	Polypropylene / Epoxy
<b>Typical Membrane Surface Area</b>	53 m <sup>2</sup> (570.5 ft <sup>2</sup> )
<b>Priming Volume</b>	
Shellside	7.1 liters (1.9 gal)
Lumenside	3.3 liters (0.9 gal)
<b>Pressure Guidelines</b>	
	<b>XIND</b>
<b>Maximum Shellside <u>LIQUID</u> Working Temperature/Pressure</b>	25 °C, 5.2 bar (77 °F, 75 psig) 40 °C, 2.1 bar (104 °F, 30 psig)
If no vacuum is used, 1.05 bar (15 psig) can be added to pressures above.	
<b>Maximum Applied Gas Pressure</b>	1 bar (14.7 psig)
Max applied gas pressure is for integrity testing at ambient temperatures. Normal operating pressures are typically lower.	
See Operating Guide for complete listing of temp/pressure limits for housings and membrane. Note: Liquid pressure should always exceed gas pressure.	
<b>Housing Options and Characteristics</b>	
<b>Material</b>	PVC
<b>Port Connections</b>	
Shellside (Liquid Inlet/Outlet)	<ul style="list-style-type: none"> <li>• 1 Inch Female NPT</li> <li>• 1.5 Inch Victaulic® Grooved Pipe</li> </ul> Note: both options are standard on 1 end cap
Lumenside	<ul style="list-style-type: none"> <li>• 1 Inch Female NPT</li> </ul>
<b>Weight</b>	
Dry	14.0 Kg (30.9 lbs)
Liquid full (shellside)	21.1 Kg (46.5 lbs)
Shipping weight	15.9 Kg (35.0 lbs)
<b>Regulatory</b>	
Complies with the PED 97/23/EC and is manufactured with sound engineering practice. This contactor is <b>NOT</b> manufactured with FDA compliant materials.	

## 8 x 20 EXTRA-FLOW PRODUCT DATA SHEET



Cartridge Specifications		
Characteristics	Test Conditions	Specifications
Performance O <sub>2</sub> Removal	Shellside water flow: 6.1 m <sup>3</sup> /hr (27 gpm) 20°C (68°F) Lumenside N <sub>2</sub> Flow: 1.6 Nm <sup>3</sup> /hr (1 scfm)	96% minimum
Pressure Drop	Shellside water flow: 6.1 m <sup>3</sup> /hr (27 gpm), 20°C (68°F)	0.55 bar (8.0 psi) maximum

Curves represent nominal values. Characteristics may change under different operating conditions.

Test conditions:

CO<sub>2</sub> Removal: Air sweep mode, air sweep: 5.1 scfm at 25°C.

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