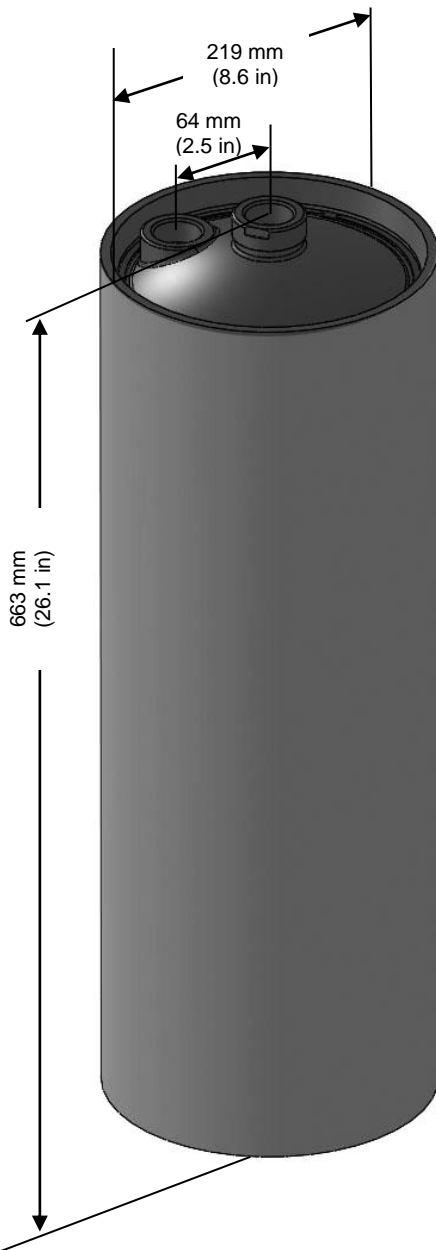


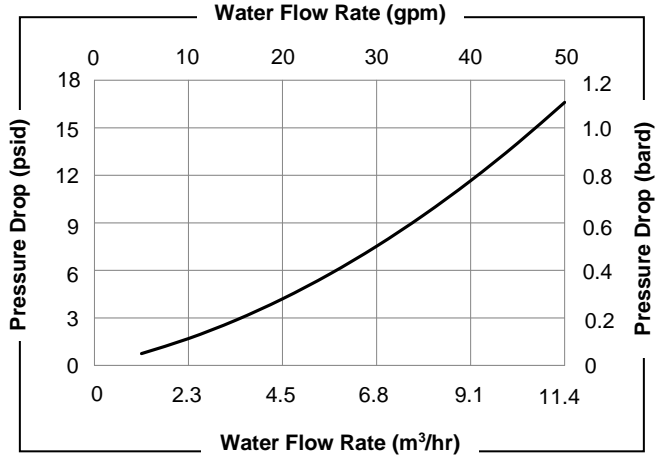
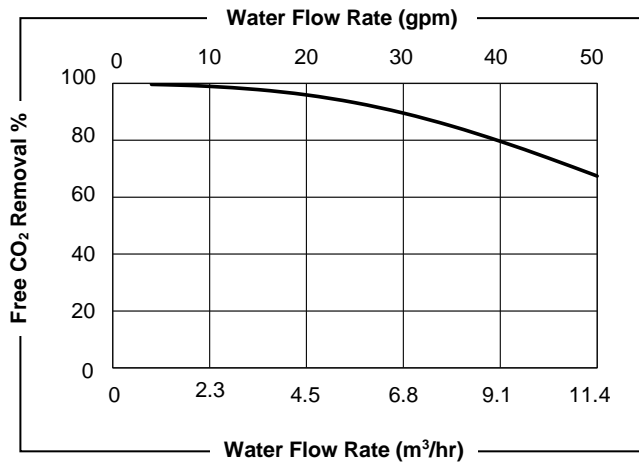
## 8 x 20 INDUSTRIAL EXTRA-FLOW PRODUCT DATA SHEET



Membrane Characteristics	
Cartridge Configuration	Extra-Flow with center baffle
Liquid Flow Guidelines	1-11 m <sup>3</sup> /hr (5-50 gpm)
Membrane Type	<b>XIND Fiber</b>
	Recommended for CO <sub>2</sub> removal from liquid and other gas transfer applications
Membrane/Potting Material	Polypropylene / Epoxy
Typical Membrane Surface Area	53 m <sup>2</sup> (571 ft <sup>2</sup> )
Priming Volume	
Shellside	6.7 L (1.8 gal)
Lumenside	5.2 L (1.4 gal)
Pressure Guidelines*	
Maximum Shellside <b>LIQUID</b> Working Temperature/Pressure	25° C, 4.8 barg (77° F, 70 psig) 40° C, 2.1 barg (104° F, 30 psig)
If no vacuum is used, 1 barg (15 psig) can be added to pressures above. If operating using air sweep, the liquid or air temperature should not exceed 30°C for any length of time. Exceeding 30° C will reduce contactor life.	
Maximum Applied Gas Pressure	2.1 barg at 25° C (30 psig at 77° F)
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.	
Housing Options and Characteristics	
Material	<b>PVC housing</b> Due to the nature of the material, scratches, blemishes and other marks may be visible on the housing surface. These do not impact contactor function.  <b>Engineering thermoplastic end caps</b>
Port Connections	
Shellside (Liquid Inlet/Outlet)	<ul style="list-style-type: none"> <li>1 Inch Female NPT</li> <li>1.5 Inch Grooved pipe fitting</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>
Weight (approximate)	
Dry	13 kg (28 lbs)
Liquid full (shellside)	19 kg (43 lbs)
Shipping weight	15 kg (34 lbs)
Regulatory	
Complies with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.	

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

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



Curves represent nominal values using water at 25° C. Characteristics may change under different operating conditions.

Test conditions:  
CO<sub>2</sub> Removal: Air sweep mode at 5 scfm.

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