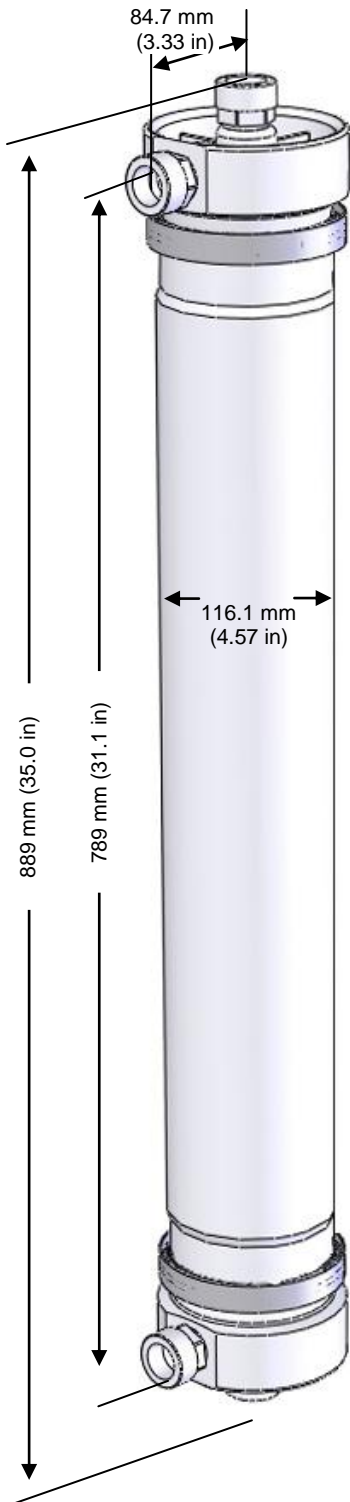


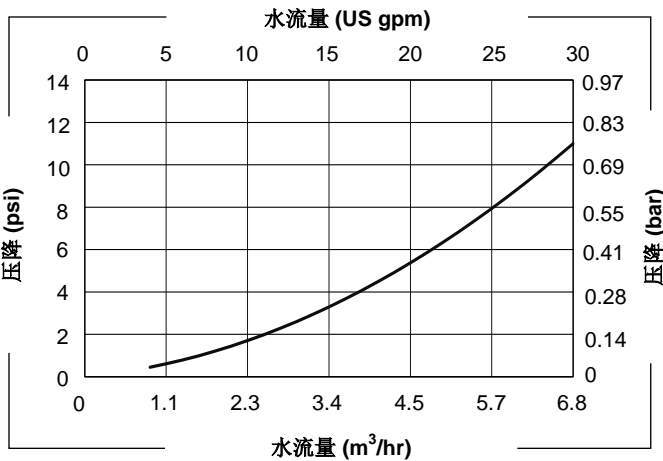
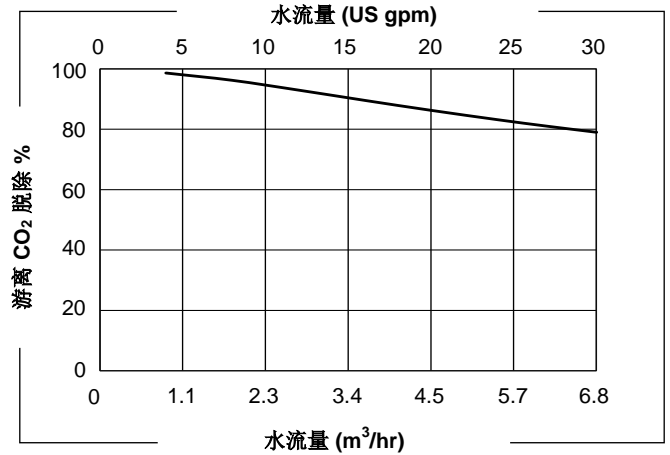
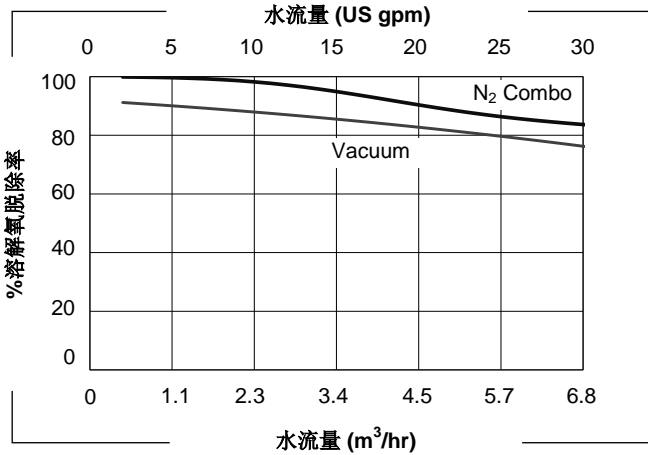
4 x 28 EXTRA-FLOW 产品数据表



膜特性			
滤芯构造	带中央挡板外流式		
液体流量范围	1 – 6.8 m ³ /hr (4.4 – 30 gpm)		
膜丝类型	X50	X40	
	建议用于水中脱除 CO ₂ 。	用于其它所有气体迁移应用。	
膜丝/封装 材料	聚丙烯 / 聚乙烯		
膜面积	20 m ² (215 ft ²)		
充填体积 (大约)			
膜丝外部 X40 或 X50	4.2 liters (1.1 gal) PP 外壳, 3.0 liters (0.8 gal) 不锈钢外壳		
膜丝内部 X50	1.3 liters (0.35 gal) PP 外壳, 1.0 liter (0.3 gal) 不锈钢外壳		
膜丝内部 X40	1.1 liters (0.29 gal) PP 外壳, 0.9 liters (0.2 gal) 不锈钢外壳		
压力范围*			
	PP X50 或 X40	316L SS X50	316L SS X40
膜丝外液体的最高工作温度/ 压力	5-30° C, 7.2 bar (41-86° F, 105 psig) 40° C, 5.2 bar (104° F, 75 psig)	5-50° C, 7.2 bar (41-122° F, 105 psig) 70° C, 2.1 bar (158° F, 30 psig)	5-50° C, 9.3 bar (41-122° F, 135 psig) 70° C, 2.1 bar (158° F, 30 psig)
如果没有施加真空抽吸, 以上压力可增加 1.05 bar (15 psig)。			
最大气体压力	4.1 bar (60 psig)	6.2 bar (90 psig)	
最大气体压力用于在室温下的完好性测试。 正常运行压力通常较低。			
*参见运行导则的外壳和膜的温度/压力限值。备注: 液体压力应总是大于气体压力。			
膜壳选项 & 特性			
材料	聚丙烯	316L SS 表面光洁度: ≤ 0.8µm SI (32RA).	
法兰连接			
膜丝外侧 (液体 进口/出口)	<ul style="list-style-type: none"> • 1 英寸卫生级接口 • ¾ 英寸母 NPT 接口 • 1 英寸 GF 接口 • Rc ¾ per JIS B0203 	<ul style="list-style-type: none"> • 1 英寸卫生级接口 	
膜丝内侧 (气体/真空)	<ul style="list-style-type: none"> • 1 英寸 90° 卫生级接口 • ¾ 英寸 90° 母 NPT 接口 • Rc ¾ per JIS B0203 	<ul style="list-style-type: none"> • 1 英寸卫生级接口 	
密封选项			
材料	应用		
氟化橡胶	一般用途		
K-UPW	超纯水		
K-EXT	化学萃取		
Buna-N	饮料		
重量	PP	316L SS	
干重(滤芯和外壳)	4.1 kg (9 lbs)	6.9 kg (15 lbs)	
充满液体(膜丝外侧)	6.8 kg (15 lbs)	9.6 kg (21 lbs)	
干滤芯	X50: 0.99 kg (2.2 lbs) X40: 1.2 kg (2.7 lbs)		
装运重量	增加 0.9 kg (2 lbs)		
规范			
符合 RoHS 的阈值限制。符合 PED 97/23/EC 和良好的工程实践制造。在室温和低于环境温度下符合 CFR21 条款。			

备注: PP 外壳带 NPT 连接的所有尺寸为通用值。其它外壳的尺寸参见 www.liqui-cel.com。

4 x 28 EXTRA-FLOW 产品数据表



滤芯规格		
性能	测试条件	规范
O ₂ 脱除性能	膜丝外侧水流量: 6.1 m ³ /hr (27 gpm), 20°C (68°F). 膜丝内侧 N ₂ 流量: 1.7 m ³ /hr (1 ft ³ /min), 1.0 atm at 20°C (68°F)	78% 最小
压降	膜丝外侧水流量: 6.1 m ³ /hr (27 gpm), 20°C (68°F)	0.69 bar (9.7 psi) 最大

曲线图为通用值。在不同运行条件下，产品性能也不同。

20°C (68°F) X40 膜丝 O₂ 脱除测试条件: N₂-真空 combo 模式, 真空度: 50 mm Hg N₂ 流量 1.4 L/min (0.05 scfm). 真空模式: 50 mm Hg.

20°C (68°F) X50 膜丝脱除 CO₂ 测试条件: 气体-真空 combo 模式, 气体流量: 4 G/L, 真空: 150 mm Hg.

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