

OX606

Aluminiumoxygen membrane module

Minimum Outlet Flow Rate ⁽¹⁾



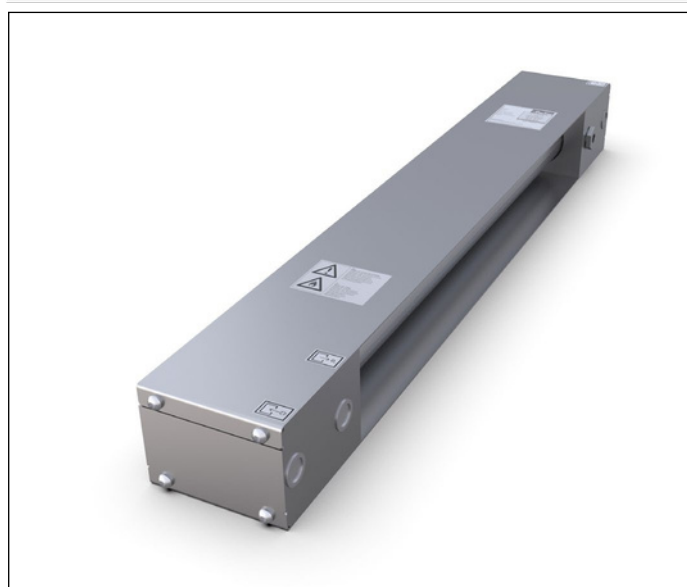
Inlet Pressure		Purity (Enriched Oxygen Content)						
		28.0%	30.0%	32.0%	34.0%	36.0%	38.0%	40.0%
bar(g)	psi(g)	l/min						
5.0	72.5	88.2	90.2	92.2	94.2	96.2	98.2	100.0
6.0	87.0	108.0	110.0	113.0	115.0	118.0	120.0	122.0
7.0	101.5	128.0	131.0	133.0	136.0	139.0	142.0	145.0
8.0	116.0	148.0	151.0	155.0	158.0	162.0	165.0	168.0
9.0	130.5	168.0	173.0	177.0	180.0	185.0	188.0	192.0
10.0	145.0	190.0	195.0	198.0	203.0	208.0	212.0	217.0
11.0	159.5	212.0	217.0	222.0	227.0	232.0	237.0	242.0
12.0	174.0	235.0	240.0	245.0	252.0	257.0	262.0	267.0

⁽¹⁾ Maximum outlet flow rate = 'Minimum outlet flow rate' + 30.0%
m³ reference to standard conditions, 20°C, 1013mbar(a) and 0% relative water vapour pressure.

Temperature Correction Factors

°C	°F	28.0%	30.0%	32.0%	34.0%	36.0%	38.0%	40.0%
5	41.0	0.76	0.76	0.76	0.76	0.76	0.76	0.76
10.0	50.0	0.84	0.84	0.84	0.84	0.84	0.84	0.84
15.0	59.0	0.91	0.91	0.91	0.91	0.91	0.91	0.91
25.0	77.0	1.09	1.09	1.09	1.09	1.09	1.09	1.09
30.0	86.0	1.19	1.19	1.19	1.19	1.19	1.19	1.19
35.0	95.0	1.30	1.30	1.30	1.30	1.30	1.30	1.30
40.0	104.0	1.42	1.42	1.42	1.42	1.42	1.42	-
45.0	113.0	1.54	1.54	1.54	1.54	1.54	1.54	-
50.0	122.0	1.68	1.68	1.68	1.68	1.68	-	-

Product Image*



Operation Parameters

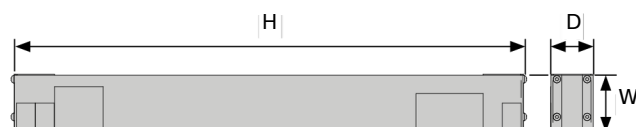
Minimum Inlet Air Quality	ISO 8573-1: 2010 Class 2.4.1	
Minimum Operating Pressure	4.0 bar(g)	58.0 psi(g)
Maximum Operating Pressure	12.0 bar(g)	174.0 psi(g)
Minimum Operating Temperature	5.0°C	41.0°F
Maximum Operating Temperature	50.0°C	122.0°F
Maximum Pressure Drop	0.3 bar(g)	4.3 psi(g)

Material & Connections

Material	Aluminium
Coating	None
Compressed Air Inlet	G½"
Exhaust	G½"
Nitrogen Outlet	G½"

Weight & Dimensions

Weight	6.4 kg	14.1 lbs
Height	751mm	29.5"
Width	110mm	4.3"
Depth	84mm	3.3"



*Image for representation purposes only. Please visit www.parker.com/membranegasseparation to download the engineering drawings and 3D model files, for an exact configuration.

OXYGEN MEMBRANE PART NUMBER CONFIGURATION

Configurator														O	X	6	0	6	-				-			-	A	-	0	0	A		
Model		Prefix						Purity		Prefix								Pressure		Prefix													
OX604		OX606						40.0%		400								5.0 bar(g)		05													
								38.0%		380								6.0 bar(g)		06													
								36.0%		360								7.0 bar(g)		07													
								34.0%		340								8.0 bar(g)		08													
								32.0%		320								9.0 bar(g)		09													
								30.0%		300								10.0 bar(g)		10													
								28.0%		280								11.0 bar(g)		11													
																		12.0 bar(g)		12													

Part number configuration should be based on end user requirement to meet their application/process needs.

Example:

	Flow Rate				Purity				Pressure				Housing Material				Suf fix	
Requirement:	138.5m³/hr				@ 95.0%				7.0 bar(g) inlet				Aluminium				00A	
Selection:	142.0m³/hr				950				07				A					