

OX6010

Aluminiumoxygenmembrane 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	318.0	325.0	333.0	341.0	348.0	356.0	364.0
6.0	87.0	387.0	396.0	406.0	415.0	425.0	434.0	443.0
7.0	101.5	458.0	470.0	481.0	492.0	503.0	514.0	525.0
8.0	116.0	532.0	545.0	558.0	571.0	584.0	596.0	609.0
9.0	130.5	607.0	622.0	637.0	652.0	666.0	681.0	696.0
10.0	145.0	685.0	701.0	718.0	735.0	751.0	768.0	784.0
11.0	159.5	764.0	783.0	801.0	820.0	838.0	857.0	875.0
12.0	174.0	846.0	866.0	887.0	907.0	928.0	948.0	969.0

⁽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

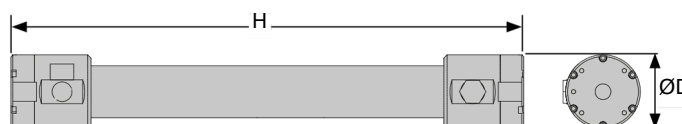
Minimum Inlet Air Quality	ISO 8573-1: 2010 Class 2.4.1	
Minimum Operating Pressure	4.0 bar(g)	58.0 psi(g)
Maximum Operating Pressure	12.0 bar(g)	174.0 psi(g)
Minimum Operating Temperature	5.0°C	41.0°F
Maximum Operating Temperature	50.0°C	122.0°F
Maximum Pressure Drop	0.3 bar(g)	4.3 psi(g)

Material & Connections

Material	Aluminium
Coating	None
Compressed Air Inlet	G1"
Exhaust	G1"
Nitrogen Outlet	G1"

Weight & Dimensions

Weight	8.1 kg	17.9 lbs
Height	736 mm	29.0"
Diameter	139 mm	5.5"



*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	1	0	-				-			-	A	-	0	0	A										
Model		Prefix						Purity		Prefix						Pressure		Prefix										
OX6010		OX6010						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:	489.0m³/hr				@ 95.0%				7.0 bar(g) inlet				Stainless Steel				00A						
Selection:	514.0m³/hr				950				07				S										
Part Number:	O	X	6	0	1	0	-	9	5	0	-	0	7	-	S	-	0	0	A				