

OX304

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	21.5	22.0	22.5	23.0	23.5	24.0	24.5
6.0	87.0	26.3	26.9	27.5	28.1	28.7	29.3	29.9
7.0	101.5	31.1	31.9	32.6	33.3	34.0	34.7	35.4
8.0	116.0	36.1	37.0	37.8	38.6	39.4	40.2	41.1
9.0	130.5	41.3	42.2	23.1	44.1	45.0	45.9	46.9
10.0	145.0	46.5	47.5	48.6	49.7	50.7	51.8	52.8
11.0	159.5	51.9	53.0	54.2	55.4	56.6	57.8	58.9
12.0	174.0	57.3	58.6	59.9	61.3	62.6	63.9	65.2

⁽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	45.0°C	113.0°F
Maximum Pressure Drop	0.3 bar(g)	4.3 psi(g)

Material & Connections

Material	Aluminium
Coating	None
Compressed Air Inlet	G $\frac{3}{8}$ "
Exhaust	G $\frac{3}{8}$ "
Nitrogen Outlet	G $\frac{3}{8}$ "

Weight & Dimensions

Weight	2.3 kg	5.0 lbs
Height	386 mm	15.1"
Width	80 mm	3.1"
Depth	63 mm	2.4"



*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	3	0	4	-				-			-	A	-	0	0	A						
Model		Prefix						Purity		Prefix						Pressure		Prefix					
OX304		OX304						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:

Example.

	Flow Rate	Purity	Pressure	Housing Material	Suf fix
Requirement:	32.5m³/hr	@ 95.0%	7.0 bar(g) inlet	Aluminium	00A
Selection:	34.7m³/hr	950	07	A	

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Avilo Stikstof en Persluchtssystemen B.V.

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