

OX604

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	45.5	46.6	47.6	48.6	49.7	50.7	51.7
6.0	87.0	55.6	56.8	58.1	59.3	60.6	61.9	63.1
7.0	101.5	65.9	67.4	68.9	70.4	71.8	73.3	74.8
8.0	116.0	76.4	78.1	79.9	81.6	83.4	85.1	86.8
9.0	130.5	87.2	89.2	91.2	93.2	95.2	97.2	99.1
10.0	145.0	98.3	101.0	103.0	105.0	107.0	109.0	112.0
11.0	159.5	110.0	112.0	115.0	117.0	120.0	122.0	125.0
12.0	174.0	121.0	124.0	127.0	130.0	132.0	135.0	138.0

⁽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

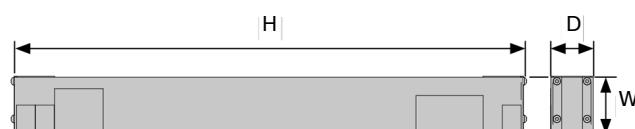
Minimum Inlet Air Quality	ISO 8573-1: 2010 Class 2.4.1	
Minimum Operating Pressure	4.0 bar(g)	58.0 psi(g)
Maximum Operating Pressure	12.0 bar(g)	174.0 psi(g)
Minimum Operating Temperature	5.0°C	41.0°F
Maximum Operating Temperature	50.0°C	122.0°F
Maximum Pressure Drop	0.3 bar(g)	4.3 psi(g)

Material & Connections

Material	Aluminium
Coating	None
Compressed Air Inlet	G ³ / ₈ "
Exhaust	G ³ / ₈ "
Nitrogen Outlet	G ³ / ₈ "

Weight & Dimensions

Weight	3.2 kg	7.0 lbs
Height	757 mm	29.8"
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	6	0	4	-				-			-	A	-	0	0	A						
Model		Prefix						Purity		Prefix						Pressure		Prefix					
EN604		OX604						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:	68.5m³/hr		@ 95.0%		7.0 bar(g) inlet		Aluminium		00A
Selection:	73.3m³/hr		950		07		A		



Avilo Stikstof en Persluchtssystemen B.V.

part of interfilter group

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www.avilo.nl

Reference: TSS-DT1506_EN_00

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