

SA15015

Aluminiumnitrogenmembrane module

Nominal Outlet Flow Rate ⁽¹⁾



Inlet Pressure											
		99.0% (1.0%)		98.0% (2.0%)		97.0% (3.0%)		96.0% (4.0%)		95.0% (5.0%)	
bar(g)	psi(g)	m3/hr	cfm	m3/hr	cfm	m3/hr	cfm	m3/hr	cfm	m3/hr	cfm
4.0	58.0	21.8	12.8	29.6	17.4	37.4	22.0	48.4	28.5	59.5	35.0
5.0	72.5	29.5	17.4	42.5	25.0	55.5	32.7	69.4	40.8	83.2	49.0
6.0	87.0	36.8	21.7	54.6	32.1	72.3	42.6	89.1	52.4	105.9	62.3
7.0	101.5	43.9	25.8	65.8	38.7	87.8	51.7	107.8	63.4	127.7	75.2
8.0	116.0	50.7	29.8	76.3	44.9	102.0	60.0	125.3	73.7	148.6	87.5
9.0	130.5	57.2	33.7	86.0	50.6	114.8	67.6	141.6	83.3	168.5	99.2
10.0	145.0	63.3	37.3	94.8	55.8	126.4	74.4	156.9	92.3	187.4	110.3
11.0	159.5	69.2	40.7	102.9	60.6	136.6	80.4	171.0	100.6	205.4	120.9
12.0	174.0	74.8	44.0	110.1	64.8	145.5	85.6	183.9	108.2	222.4	130.9
13.0	188.5	80.1	47.1	116.6	68.6	153.1	90.1	195.8	115.2	238.5	140.4

⁽¹⁾ Maximum Outlet Flow Rate = 'Nominal Outlet Flow Rate' +15%
m³ reference to standard conditions, 20°C, 1013 mbar(a) and 0% relative water vapour pressure.
For performance figures at other purities and/or pressures, please contact Parker.

Temperature Correction Factors

°C	°F	99.5% (0.5%)	99.0% (1.0%)	98.0% (2.0%)	97.0% (3.0%)	96.0% (4.0%)	95.0% (5.0%)
5.0	41.0	-	-	0.90	0.90	0.90	0.90
≤10.0	50.0	-	-	0.95	0.95	0.95	0.95
20.0	68.0	1.00	1.00	1.00	1.00	1.00	1.00
30.0	86.0	1.00	1.03	1.05	1.05	1.05	1.05
40.0	104.0	1.0	1.05	1.10	1.10	1.10	1.10
50.0	122.0	1.0	1.05	1.10	1.10	1.15	1.15

Product Image*



Weight & Dimensions

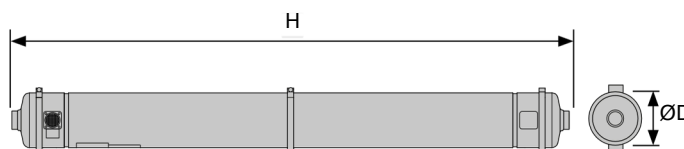
Weight	22.2 kg	48.9 lbs
Height	1750 mm	68.9"
Diameter	256 mm	10.0"

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	13.0 bar(g)	189.0 psi(g)
Minimum Operating Temperature	5.0°C	41.0°F
Maximum Operating Temperature	60.0°C	140.0°F
Maximum Pressure Drop	0.2 bar(g)	2.9 psi(g)

Material & Connections

Material	Aluminium
Coating	Sulfuric Anodizing
Compressed Air Inlet	G1½"
Exhaust	G1¾" x 2
Nitrogen Outlet	G1½"



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

NITROGEN MEMBRANE PART NUMBER CONFIGURATION

Configurator																			
S	A	1	5	0	1	5	-				-				A	-	0	0	A
Model	Prefix	Purity	Prefix	Pressure	Prefix	Housing	Suf fix												
SA15015	SA15015	95.0%	950	4.0 bar(g)	04	SA15020	A												
		96.0%	960	5.0 bar(g)	05														
		97.0%	970	6.0 bar(g)	06														
		98.0%	980	7.0 bar(g)	07														
		99.0%	990	8.0 bar(g)	08														
				9.0 bar(g)	09														
				10.0 bar(g)	10														
				11.0 bar(g)	11														
				12.0 bar(g)	12														
				13.0 bar(g)	13														

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:	115.5m³/hr	@ 95.0%	7.0 bar(g) inlet	Aluminium	00A																
Selection:	127.7m³/hr	950	07	A																	
Part Number:	S	A	1	5	0	1	5	-	9	5	0	-	0	7	-	A	-	0	0	A	



Avilo Stikstof en Persluchtsystemen B.V.

part of interfilter group

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www.avilo.nl

Reference: TSS-DT1506_EN_00

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