SA1508

Stainlesssteelnitrogen membrane module

Nominal Outlet Flow Rate (1)

Inlet Pressure		Purity (Remaining Oxygen Content)											
		99.5% (0.5%)		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	m3/hr	cfm
4.0	58.0	2.8	1.6	4.0	2.4	5.7	3.4	7.1	4.2	9.5	5.6	10.9	6.4
5.0	72.5	3.7	2.2	5.3	3.1	7.9	4.6	10.2	6.0	12.8	7.5	15.2	8.9
6.0	87.0	4.7	2.8	7.0	4.1	10.2	6.0	13.0	7.7	15.7	9.2	20.5	12.1
7.0	101.5	6.1	3.6	8.5	5.0	12.3	7.2	16.5	9.7	19.5	11.5	24.3	14.3
8.0	116.0	6.9	4.1	9.7	5.7	14.3	8.4	19.2	11.3	23.3	13.7	28.1	16.5
9.0	130.5	7.8	4.6	11.1	6.5	17.0	10.0	21.2	12.5	27.0	15.9	32.2	19.0
10.0	145.0	8.6	5.1	12.6	7.4	18.5	10.9	23.3	13.7	30.2	17.8	37.4	22.0
11.0	159.5	9.6	5.7	14.2	8.4	20.7	12.2	25.4	14.9	33.0	19.4	41.0	24.1
12.0	174.0	10.5	6.2	15.2	8.9	22.9	13.5	28.5	16.8	36.6	21.5	45.6	26.8
13.0	188.5	11.3	6.7	16.3	9.6	24.9	14.7	31.6	18.6	39.5	23.2	48.8	28.7

(1) Maximum Outlet Flow Rate = 'Nominal Outlet Flow Rate' +15%
m^3 reference to standard conditions, 20˚C, 1013 mbar(a) and 0% relative water vapour pressure.

For performancefigures atotherpurities 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*

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	50.0˚C	122.0˚F
Maximum Pressure Drop	0.2 bar(g)	2.9 psi(g)

Material & Connections

Material	Stainless Steel
Coating	None
Compressed Air Inlet	G¾"
Exhaust	G1"
Nitrogen Outlet	G¾"

Weight & Dimensions

Weight	18.0 kg	39.7 lbs
Height	1655 mm	65.2"
Diameter	144 mm	5.7"

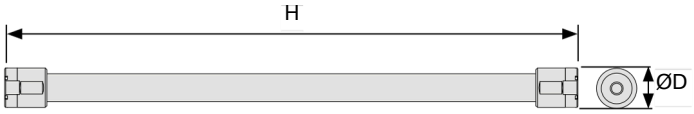

*Image for representation purposes only. Please visit www.parker.com/membranegasseparation to download the engineering drawings and 3D model files, for an exact configuration.

NITROGEN MEMBRANE PART NUMBER CONFIGURATION

Configurator	S	A	1	5	0	8	-				-			-			-	S	-	0	0	A	

Model	Prefix
SA1508	SA1508

Purity	Prefix
95.0%	950
96.0%	960
97.0%	970
98.0%	980
99.0%	990
99.5%	995

Pressure	Prefix
4.0 bar(g)	04
5.0 bar(g)	05
6.0 bar(g)	06
7.0 bar(g)	07
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

Housing	Suf fix
SA1508	A

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:	22.5m³/hr	@ 97.0%	7.0 bar(g) inlet	Stainless Steel	00A
Selection:	24.3m³/hr	950	07	S	

Part Number:	S	A	1	5	0	8	-	9	5	0	-	0	7	-	S	-	0	0	A	

Avilo Stikstof en Persluchtsystemen B.V.
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