

Product Information

SEPURAN® N₂ Selective System 6”



SEPURAN® – N2SSys 150x1310 P2.ON 6 25AE
This system contains cartridge and housing

HIGH CAPACITY WITH LOW AIR CONSUMPTION

SEPURAN® N₂ Selective is a hollow fiber membrane gas separator that is used to remove oxygen from compressed air, resulting in N₂ purities between 95–99.5%. The polymer is specially tailored for energy efficient nitrogen generation. **SEPURAN® N₂ Selective** membranes are characterized by an extremely good air factor with excellent capacity, resulting in more nitrogen per compression energy, a smaller compressor and lower cost.

If you need more information, please call or email your local contact or visit www.sepuran.com

IN NM³/H AT 9 BARG; 25°C (NORM = 0°C; 1 ATM)

	N ₂ produced	Air / N ₂ ratio
99%	6.5	2.9
98%	9.0	2.4
97%	11.3	2.1
96%	13.7	2.0
95%	16.2	1.8

IN SCFM AT 131 PSIG; 77°F (STANDARD = 60°F; 1 ATM)

	N ₂ produced	Air / N ₂ ratio
99%	4.0	2.9
98%	5.6	2.4
97%	7.0	2.1
96%	8.5	2.0
95%	10.1	1.8

The composition of the product was determined by “N₂ produced” value is the inert gas content. The pressure is the retentate pressure, namely N₂ produced stream discharge pressure. The inlet air divided by “N₂ produced” gives the air factor or air/N₂ ratio. The lower the air factor, the lower the investment and operating costs.

DIMENSIONS

Total length	1448 mm / 57.0 inch
Min. outer diameter	168 mm / 6.6 inch
Max. outer diameter	179 mm / 7.1 inch
Weight:	36 kg / 80 lbs

CONNECTIONS:

Air and N₂ connections	NPT 1"
O₂ off-gas connection	NPT 2"

SPECIFICATIONS:

External material	Stainless steel 316L
Operating pressure Feed- / Retentate side	≤ 25.0 barg / 362 psig
Operating pressure permeate side	Atmospheric
To be used with	Pretreated pressurized air
Other Gases	Contact the supplier
Min. operating temperature	1 °C / 34 °F
Max. operating temperature	70 °C / 158 °F
Inlet air requirements	Particles, aerosols: ISO 8573-1:2010 class 1
	Condensation of water must be avoided

PRODUCT CODE

99131450

PRODUCT NAME

SEPURAN® – N2SSys 150x1310 P2.0N 6 25AE

CAUTION

Nitrogen enhanced gas can cause suffocation, oxygen enhanced gas can increase the risk of fire or explosion. Please consult associated documents for proper and safe use.

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