System Chart

Nitrogen Extraction Unit System
NSU Series

■No. of Units: 1

Model No.	Qty.	Appearance	Flow Rate (L/min ANR) and Nitrogen Concentration (%)	Page
			10 / 20 / 40 / 60 / 80 / 120 / 160 / 200 / 260 / 320	
NSU-3S	1		99.9 99.5 99 98 97 96 95 94 93 92 91 90	1
NSU-3L	1		99.9 99.5 99 98 97 96 95 94 93 92 91 90	
NSU-4S	1		99.9 99.5 99 98 97 96 95 94 93 92 91 90	
NSU-4L	1		99.9 99.5 99 98 97 96 95 94 93 92 91 90	

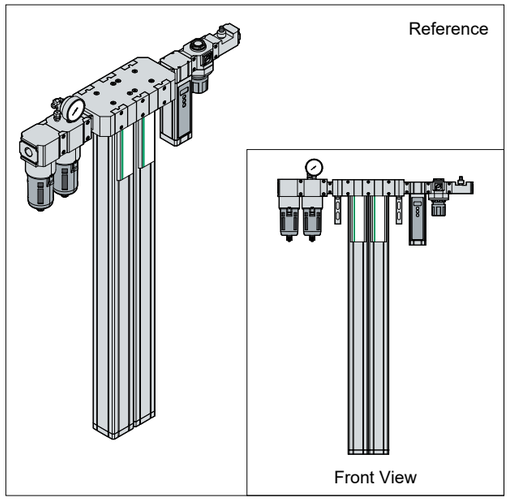
■No. of Units: 2

Model No.	Qty.	Appearance	Flow Rate (L/min ANR) and Nitrogen Concentration (%)	Page
			50 / 100 / 150 / 300 / 450 / 600	
NSU-4F	2		99.9 99.5 99 98 97 96 95 94 93 92 91 90	1
NSU-4G	2		99.9 99.5 99 98 97 96 95 94 93 92 91 90	
NSU-4H	2		99.9 99.5 99 98 97 96 95 94 93 92 91 90	

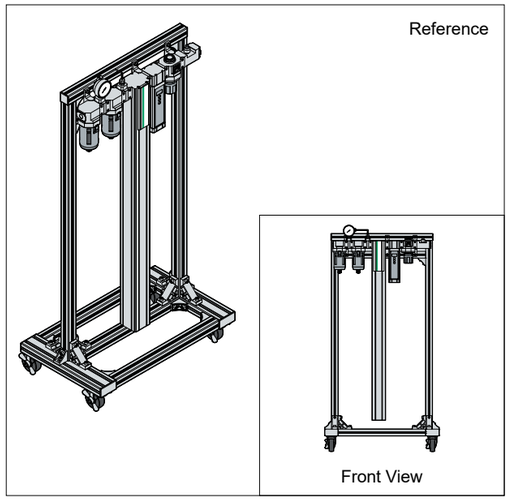
Note: The above values indicate the outlet nitrogen gas flow rate when the inlet air pressure is 0.7 MPa and the inlet air temperature is 25°C.

System Examples

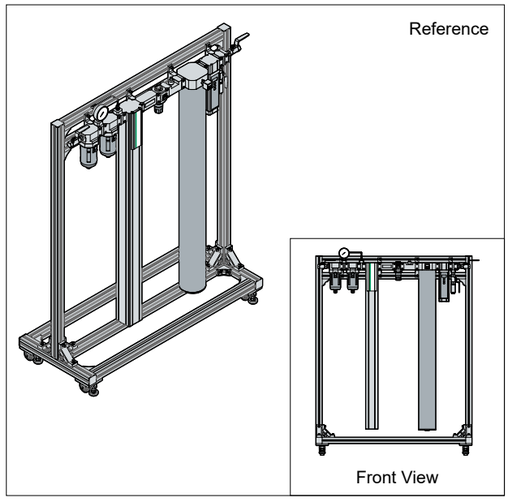
●Compatible with NS Multiple Cylinder Type System



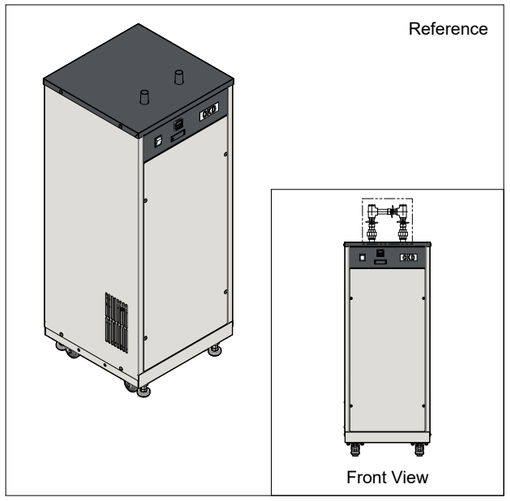
●Mounting Stand



●System with Intermittent Operation Tank



●Enclosure-mounted System

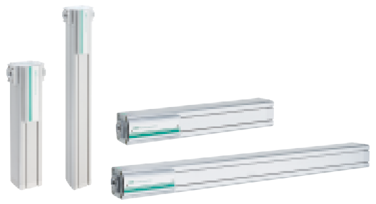


Note: For details, please contact our sales office.

Supplement:
The displayed nitrogen concentration of the gas from the Nitrogen Gas Extraction Unit indicates the total concentration of components other than oxygen (O2). The source air contains argon, carbon dioxide, and water vapor in addition to oxygen. Therefore, argon, which is difficult to permeate through the membrane like nitrogen, is included in the product nitrogen gas at a concentration of approximately 1%. The concentrations of carbon dioxide, which easily permeates the membrane, and water vapor are reduced to approx. 10 to 50 ppm and a level equivalent to an atmospheric pressure dew point of approx. -40°C, respectively.

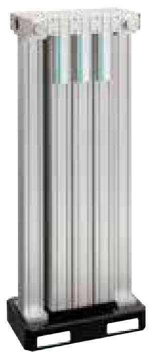
■Single Cylinder

Flow Rate (L/min ANR) and Nitrogen Concentration (%): 10 | 20, 40, 60, 80, 120, 160, 200, 260, 320

Model No.	Appearance	Flow Rate (L/min ANR) and Nitrogen Concentration (%)	Page
NS-3S1		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	23
NS-3L1		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4S1		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4L1		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	

■Multiple Cylinders

Flow Rate (L/min ANR) and Nitrogen Concentration (%): 50, 100, 150 | Flow Rate (L/min (ANR)) and Nitrogen Concentration (%): 300, 450, 600, 750, 900, 1050, 1300, 2000, 2700

Model No.	Qty.	Appearance	Flow Rate (L/min ANR) and Nitrogen Concentration (%)	Page
NS-4S2	2	 	99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	23
NS-4S3	3		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4L2	2		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4L3	3		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4L4	4		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4S6	6		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4S8	8		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4SA	10		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4L6	6		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	
NS-4L8	8		99.9, 99.5, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90	

Note: The above values indicate the outlet nitrogen gas flow rate when the inlet air pressure is 0.7 MPa and the inlet air temperature is 25°C.