



The gas compressor supplies Nitrox gas with an oxygen percentage between 20.9% and 38% under a pressure of 225 bar. Nitrox gas is the name for air with a higher oxygen percentage than 20.9%.

During operation the gas composition is being analyzed and adjusted to the tuned oxygen percentage. To perform this gas production, the high pressure compressor, has minimum requirements according the gas input flow and gas input pressure.

The Nitrox unit consist of 3 filters and a chemical air dryer to clean and dry the air to get a good air quality.

The Nitrox unit can be delivered with a low pressure compressor with the requirements as listed below.

Specifications



Dimensions steel frame in mm (inch)

Length	1100 (43.31)
Width	600 (23.62)
Height	2000 (78.74)

Compressor input requirements

Low pressure input of	10 bar
Stable pressure of	6 bar
Volume of	630 l/min
Tube connection to the Nitrox compressor	1/2"
Modulating compressor with low residual oil content	

Compressor output

Flow	140 l/min
Working pressure	225 bar
Filtration	Triplex filter with water and oil separator

