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Nitrox Membrane Systems

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Nitrox Membrane Systems

AANX 250

AANX 500

AANX 750

AANX 1000



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wirtschaftlich · kompakt · robust

Nitrox Membrane Systems for Recreational-, Commercial-, Rescue- and Military Diving

- 1** Stainless steel plate for easy installation
 - 1 stainless steel buffer tank before the membrane, 1 stainless steel buffer tank after the membrane, both buffer tanks are tested and approved for 16 bar pressure, incl. CE sign
 - Parker Membrane with CE sign
 - Stainless steel low pressure valve, Aluminum High pressure valve to protect the high pressure compressor from either too high or too low intake pressure
 - 2** Stainless steel needle valve for easy adjustment of Nitrox Mixture
 - Silencer to keep the noise of the venting Nitrogen extremely low
 - 3** Pressure regulator to adjust the pressure from the screw compressor to the Nitrox membrane
 - 4** Online Oxygen Monitoring system with an accuracy of 0.1%
 - Sensor life time 2 years
 - Self calibrating
 - 5** Integrated refrigeration dryer with a dew point of 5°C to remove all water before the membrane
 - Separate modules of compressor and dryer are available if space is a constraint
 - Over pressure valve with silencer
 - 2 oil filters (oil content less than 0.003 mg/m3)
 - 1 particle filter to protect the membrane from any contamination
- All stainless steel parts are made of non corrosive 316 stainless steel

1



2



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AANX 250 - 38

Max. O ₂	Capacity	Compressor
38 %	300 l/min	9.0 kW
36 %	350 l/min	9.0 kW
32 %	380 l/min	9.0 kW

AANX 250 - 40

Max. O ₂	Capacity	Compressor
40 %	300 l/min	11.0 kW
38 %	370 l/min	11.0 kW
36 %	400 l/min	11.0 kW
32 %	400 l/min	11.0 kW

Dimensions

Item	Width x Depth x Height	Weight
Screw compressor 9 kW	600 x 1300 x 900 mm	250 kg
Nitrox panel	450 x 300 x 1000 mm	30 kg

AANX 500 - 38

Max. O ₂	Capacity	Compressor
38 %	470 l/min	11.0 kW
36 %	550 l/min	11.0 kW
38 %	600 l/min	15.0 kW
36 %	750 l/min	15.0 kW

AANX 500 - 40

Max. O ₂	Capacity	Compressor
40 %	500 l/min	18.5 kW
38 %	750 l/min	18.5 kW

Dimensions

Item	Width x Depth x Height	Weight
Screw compressor 11/15 kW	670 x 1550 x 1200 mm	500 kg
Screw compressor 18.5 kW	790 x 1875 x 1290 mm	650 kg
Nitrox panel	450 x 300 x 1000 mm	35 kg

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For the AANX 750, AANX 1000 or for bigger Nitrox Membrane systems please contact us so we can provide you with a comprehensive solution. Custom made Nitrox Membrane Systems are also available for on-board installations or islands where only limited power is available.

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