

# Nitrox LP & HP Hydraulic Package

**SKU:** NUVAIR-HYDRAULIC

**Price:** ?0.00



## Description

Our innovative low pressure and high pressure hydraulic nitrox compressor package leverages existing hydraulic pumps aboard commercial vessels or offshore installations to power this heavy duty nitrox generator. As configured with two compressors, this money-saving system can deliver 10 CFM of up to 40% nitrox at 3600 psi (283 L/min at 250 bar) or 23 CFM of air at 4500 psi (651 L/min at 310 bar).

## Nitrox Membrane System

- Two (2) Pro O<sub>2</sub> oxygen analyzers
- Nuvair membrane generates up to 40% oxygen at 10 CFM (283 L/min)
- Automatic thermostatic control / 220-volt heater
- Static mixing tube with in-line sensor
- Low pressure regulator
- Nuvair 455 synthetic food-grade compressor lubricant for breathing air

## LP Grade D Filtration

### Hankison HF 20 Series, auto drains and differential pressure gauge

- Coalescing and particle removal to 1 micron, auto drain and differential pressure indicator
- Water and oil vapor removal to 0.01 micron, auto drain and differential pressure indicator
- Oil vapor removal to 0.003 ppm, manual drain
- Supplying Grade D air to membrane

## **Compressors**

### **Champion R15 low pressure compressor**

- Rated at 7.5 HP (5.6 kW) delivering 23 CFM @ 175 psi (651 L/min @ 12 bar)
- Supplies Grade D air to membrane

### **Coltri 9 CFM @ 7.5 HP (254 L/min at 5.6 kW) compressor**

- Three-stage compressor, separators, manual drains, Grade E HP filtration, over-pressure relief valve and fill whips
- Nitrox to 3600 psi (250 bar) / Air to 4500 psi (310 bar)
- Two (2) hydraulic motors with mounts
- Aluminum base with vibration mounts
- Belt guards included (not shown in picture)

## **Options**

- Automatic shutdown
- HP auto condensate drains
- HP & LP seawater / air coolers
- Additional HP filtration
- Stainless steel low-pressure volume tank
- Hydraulic supply power pack in gas, diesel or electric