

# EK76-R15 LP Nitrox Surface Supply System • Discontinued

SKU: EK76-R15-D-E

Price: ?0.00



## Description

**PLEASE NOTE:** The EK76-R15-D-E is a legacy system that is no longer produced by Nuvaair. It is posted here for reference purposes only See **RELATED PRODUCTS** (below) for suitable replacements.

**DESCRIPTION:** The turnkey diesel- or electric-powered Nuvaair EK76-R15 is designed to support surface-supplied divers with low pressure (LP) air or nitrox up to EANx40. The two LP compressors can be used independently or together. Frames are built with marine grade 6061 aluminum and have a stainless steel compressor/engine plate. Supplied as a turnkey package, this rig comes with two oxygen analyzers for easy and accurate operation. Produces a constant flow of up to 40% nitrox at 16 CFM @ 175 psi (420 L/min @ 12 bar).

## Features

- Rigid 2 in square aluminum frame and belt guard with forklift slots
- Stainless steel compressor mounting plate
- Vibration mounts below compressor plates
- Two (2) air aftercoolers
- LP air filtration: Hankison 3-stage Series 20 air filtration on both compressors
  - Auto drains/DP gauges
  - Coalescing 1.0 micron
  - Fine polishing .01 micron
  - Oil vapor removal .003 ppm
- Supplying Grade D air to membrane
- Hour meter
- Low oil shutdown

- LP dual control head unloaders
- Electric start
- 12 volt battery with box
- 18 A charging system

## Membrane System

- Two (2) Pro O2 analyzers, one with in-line sensor
- Membrane rated up to 20 CFM (566 L/min) @ 36% oxygen
- Auto thermostatic control 110/220 V heater
- Air intake filter and static mixing tube
- Synthetic food grade compressor lubricant for nitrox breathing applications
- Mix accurate to within 0.1%

## Options

- Electric
- One (1) 60 gallon gas receiver (volume tank)
- Refrigerated dryer (pictured)
- Low/high O2% shutdown and alarm
- Pro CO analyzer with alarm and shutdown
- Pro CO2 analyzer with alarm

## Specifications

### Nitrox EK76>R15D

<b>Engine</b>	Kohler Diesel
<b>Engine Power</b>	28.5 hp (21.2 kW)
<b>Maximum Operating Pressure</b>	175 psi (12 bar)
<b>EK76</b>	Air 50 CFM @ 175 psi (1460 L/min)
<b>Champion R15</b>	Air 20 CFM @ 175 psi (560 L/min)
<b>Combined Air Produced</b>	70 CFM @ 175 psi (1982 L/min)
<b>Nitrox Produced</b>	40% at 16 CFM 175 psi (420 L/min) 36% at 20 CFM 175 psi (560 L/min)
<b>Air Tank</b>	Two (2) 30 gallon steel gas receivers
<b>Fuel Tank</b>	15 gallon
<b>Lubrication</b>	Pressure
<b>Air Quality</b>	CGA Grade D
<b>Dimensions (L x W x H)</b>	35 x 62 x 76 in (89 x 158 x 193 cm)
<b>Weight</b>	1400 lb (635 kg)