

# MCH36 Diesel LP/HP Nitrox Generator System

**SKU:** 7071DK4F

**Price:** ?0.00



## Description

Using a semi-permeable membrane, the MCH36 Diesel LP/HP Nitrox Generator System generates 22–40% nitrox without the hazards or expense of partial-pressure blending with stored high-pressure oxygen (O<sub>2</sub>). The membrane separates a portion of nitrogen from ambient air, leaving an enriched air nitrox mixture.

## Features

- Generates 19 CFM (550 L/min) of 40% high-pressure nitrox
- Steel Powder Coated Frame
- Open Configuration for Easy Access & Cool Running
- Operation Panel with “Dial-A-Pressure”  
Automatic Shut Down, Automatic Shut Down for High Temp & Low Oil
- Digital Deep Sea Control Box with Engine Safety Shutdowns
- Hour Meter, Stage & Oil Pressure Gauges
- Automatic Condensate Drains & Pressure Free Start/Stop

- Upgraded Filtration: 60,000 ft<sup>3</sup> (2 x 35" Filter Towers + Additional 15" Separator)
- 7,500 psi Inter-Stage Pressure Gauges
- Load-less Start
- Hayes Bearing Block
- Upgraded Fuel Filtration
- 13-gallon Fuel Tank

## **Drive Train**

- Kubota D1803 Diesel Engine Tier 4 Final
- Motor Size: 49.8 Gross HP @ 2700 RPM Max, 3-Cylinder, Water Cooled, Electric Start
- Operating Temperature: 32° F-120° F (0 - 48° C)

## **High Pressure Side**

- MCH36 Block
- Type: 4 cylinder, 4 stage, Air Cooled, Pressurized Oil Lubricated Compressor
- Charging Rate 26.4 SCFM (748 L/min) Compressor
- FAD Delivery rate: (36 m<sup>3</sup>/hr) 21.2 CFM
- Working pressure of up to 6,000 psi (414 bar)
- Compressor RPM: ~1200

## **Low Pressure Side**

- EK76 Rotary Screw compressor, 44 CFM @ 175 psi
- 30-gallon Volume Tank for Cooling and Moisture Removal
- Hankison 24 Series 3-Stage LP Filtration, DP Gauges, Mounting Brackets and Auto Drains, Coalescing and particles to 1 micron, Water and Oil Vapor to .01 micron, Oil vapor removal to .003 ppm