

# Commercial HP Nitrox Generator

**SKU:** NUVAIR-HP-NITROX

**Price:** ?0.00



## Description

Gas, diesel or electric powered bitrox systems that supply high pressure air or nitrox up to 40% O<sub>2</sub>. The advantage of this package is it can normally be used with a compressor that you already own. Use a low pressure compressor to provide the membrane with a feed air supply and generate high pressure nitrox. The frames are built with 6061 marine grade aluminum and the compressor plate is made with 316 stainless steel. All systems come with large air and oil coolers for better filtration and longer filter life.

## Features

- Nuvair nitrox membrane system
- Pump air or nitrox up to 40% oxygen (EANx40)
- Coltri MCH 36 block
- 4-cylinder, 4-stage, air cooled
- Interstage pressure gauges
- 3 large condensate separators
- Large stainless steel interstage cooling tubes
- Low pressure oil pump with filter & oil level sight gauge and oil pressure gauge
- Low oil shutdown switch
- Loadless, electric start
- 12 V charging system with 12 V battery
- Hankison filtration to .003 ppm oil vapor
- Auto condensate drains
- High temperature switch set at 350°F
- Visual carbon monoxide / moisture indicator
- Hour meter
- Dual filter filtration (60,000 cu ft)

- Simple to operate, reliable and versatile
- Heavy duty marine grade square tube aluminum offshore frame with vibration isolated inner frame stainless steel motor plate
- Lifting eyes, forklift slots

## Options

- Automatic pressure shutdown
- Presec electronic moisture monitor
- Powder coated frame
- Upgraded filtration (90,000 cu ft)
- Remote fill panel
- Large base mounted fuel tank
- High CO% alarm or shutdown
- Honda gas or Kohler diesel engine
- Electric motor 220-440 V, 50 / 60 Hz

## Specifications

	Nuvair Nitrox Commercial HP	MCH 30G	MCH 30D	MCH 36D
<b>Physical Specifications</b>	<b>Height</b>		44 inches (111.76 cm)	
	<b>Width</b>		64 inches (162.56 cm)	
	<b>Depth</b>		32 inches (81.28 cm)	
<b>Engine Specifications</b>	<b>Weight</b>	710 lb (322.05 kg)	760 lb (344.73 kg)	900 lb (408.23 kg)
	<b>Make and Type</b>	Honda Gas	Kohler Diesel	
	<b>Model</b>	GX670UTXF2	25LD425-2	9LD626-2
<b>Fuel Tank Size</b>	<b>Power</b>	20.5 hp (15.29 kW) @ 3600 RPM	19 hp (14.17 kW) @ 3600 RPM	28.5 hp (21.25 kW) @ 3000 RPM
	<b>LP Air Filtration Type</b>	6.5 gal	6.5 gal	10 gal
	<b>Membrane System</b>		Hankison Series 24	
<b>Membrane System</b>	<b>Membrane Size</b>	Nuvair 16	Nuvair 16	Nuvair 20
	<b>Required LP Supply Air</b>	21-50 CFM @ 90-175 psi	21-50 CFM @ 90-175 psi	26-63 CFM @ 90-175 psi
	<b>Optimum Temperature</b>		110°F ±5° (43°C ±3°)	
<b>HP Nitrox Compressors</b>	<b>Output</b>	17.5 CFM (500 L/min) FAD	17.5 CFM (500 L/min) FAD	22 CFM (622 L/min) FAD
	<b>Charging Rate</b>	21 SCFM	21 SCFM	26.4 SCFM
	<b>Fill Time*</b>	~3.8 minutes	~3.8 minutes	~3.08 minutes
	<b>Horsepower - Electric</b>	15 hp (11 kW)	15 hp (11 kW)	20 hp (15 kW)

\*Fill time based on 80 cu ft cylinder from 500 to 3000 psi.