

Commercial Low Pressure Nitrox Generator Series

SKU: 7056

Price: ?0.00



Description

Nuvair commercial low pressure (LP) nitrox generators produce enriched air nitrox (EAN) up to 40% oxygen. The generator can supply a separate LP compressor for direct surface supply use or a high pressure (HP) compressor for filling scuba cylinder or storage tanks. Options include seawater-cooled heat exchanger and water-cooled quiet exhaust. Frames are built with 6061 marine grade aluminum; 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
- CompAir EK76 block
- Large air/oil cooler
- Low oil shutdown switch
- Loadless, electric start
- 12 V charging system with 12 V battery (on gas and diesel units)
- Hankison filtration to 0.003 ppm oil vapor
- Auto condensate drains
- Hour meter
- Vibration isolated inner frame
- Stainless steel motor plate
- Simple to operate, reliable and versatile
- Heavy duty marine grade square tube aluminum offshore frame
- Lifting eyes, fork lift 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, 50/60Hz
- Visual CO/moisture indicator
- High temperature switch set at 350°F (177°C)

Specifications

Model	LP280G SKU 7056	LP280D SKU 7056.2	LP420G SKU 7056.4	LP420D SKU 7056.3	LP500D SKU 7056.5	
Physical Specifications	Height	41 in (104 cm)	45 in (114 cm)	64 in (163 cm)	44 in (112 cm)	46 in (117 cm)
	Width	36 in (91 cm)	40 in (102 cm)	46 in (117 cm)	48 in (122 cm)	54 in (137 cm)
	Depth	49 in (124 cm)	26 in (66 cm)	32 in (81 cm)	34 in (86 cm)	36 in (91 cm)
	Weight	595 lb (270 kg)	572 lb (260 kg)	620 lb (280 kg)	671 lb (305 kg)	796 lb (361 kg)
Supply Air LP Compressor	Make	CompAir EK76	CompAir EK76	CompAir EK76	CompAir EK76	CompAir EK76
	Max Pressure	175 psi (12 bar)	175 psi (12 bar)	175 psi (12 bar)	175 psi (12 bar)	175 psi (12 bar)
	CFM Output	28 (793 L/min)	32 (900 L/min)	36 (1020 L/min)	36 (1020 L/min)	58 (1642 L/min)
Air Filtration Type	Hankison Series 20	Hankison Series 20	Hankison Series 24	Hankison Series 24	Hankison Series 24	
Membrane System	Nuvair 10	Nuvair 10	Nuvair 20	Nuvair 20	Nuvair 20	
Heater Type			Air/Oil Heat Exchanger			
Engine Specifications	Make & Type	Honda Gas GX390U1QNR2	Kubota Diesel Z602	Honda Gas GX670UTXF2	Kohler Diesel 25LD425-2	Kohler Diesel 9LD626-2
	Model Power	11 hp (8.2 kW) @ 3600 RPM	13 hp (10.4 kW)	20.5 hp (15.3 kW) @ 3600 RPM	19 hp (14 kW) @ 3600 RPM	28.5 hp (21 kW) @ 3000 RPM
Fuel Tank Size	2.5 gal	4 gal	10 gal	10 gal	10 gal	

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Nitrox Supply	FAD for 40%	10 CFM (283 L/min)	10 CFM (283 L/min)	15 CFM (420 L/min)	15 CFM (420 L/min)	18 CFM (509 L/min)
	FAD for 36%	12 CFM (340 L/min)	12.5 CFM (350 L/min)	19 CFM (530 L/min)	19 CFM (530 L/min)	22 CFM (623 L/min)
	FAD for 32%	16 CFM (453L/min)	16 CFM (453 L/min)	26 CFM (730 L/min)	30 CFM (849 L/min)	30 CFM (849 L/min)