

Element LP Nitrox Generator

SKU: 7054

Price: ?0.00



Description

The Nuair Element LP is a nitrox generator that supplies low-pressure enriched air nitrox to an external high-pressure (HP) compressor for tank fills or to a low-pressure (LP) compressor for use by a surface-supplied diver. Although it is described as a "nitrox compressor," it can also be used to pump air. The Element LP comes in electric, gas or diesel powered models and can deliver 6-15 CFM (170-427 L/min) of nitrox depending on percentage of oxygen delivered.

Features

- 10 CFM (283 L/min) nitrox membrane system with two (2) oxygen analyzers
- Powered by an electric (single- or three-phase) motor, Honda gas or Kohler diesel engine
- Portable with four (4) integrated lifting handles
- Supply nitrox to an HP or LP compressor
- Grade D LP filtration for membrane

Advantages

- Pump HP air or nitrox containing 21-40% oxygen
- None of the costs, hassles, or hazards of oxygen blending
- Modular design offers versatility and a simple upgrade path
- Element LP adds nitrox capability to existing HP compressors
- Combine with the Element HP for a turnkey nitrox generating system

Options

- Refrigerated air dryer
- High temperature shutdown
- Stainless steel enclosure

Specifications

230 V / E3 / 60 Hz	25 A SKU 7054.2*
230 V / E1 / 60 Hz	39 A SKU 7054.1
Delivery/Power - Electric	6-10 SCFM (170-283 L/min) 5-7.5 hp (3.8-5.5 kW)
Delivery/Power - Gas	6-10 SCFM (170-283 L/min) 11.7 hp (8.7 kW) SKU 7054-G
Delivery/Power - Diesel	6-10 SCFM (170-283 L/min) 9-10 hp (6.6-7.5 kW) SKU 7054-D
LP Compressor	Capacity @ 175 psi: 23 CFM (665 L/min)
Dimensions (L x W x H)	23 x 44 x 44 in (58 x 112 x 112 cm)
Weight	400-510 lb (182-232 kg)
Operating Pressure	90-165 psi (6-11 bar)
Supply Air Volume	8-25 SCFM (212-708 L/min)
Optimum Temperature	110 ±5°F (43 ±3°C)

*Contact a salesperson for information on 50 Hz models not listed.