



# **Nuvair LP-LP 12 Nitrox Generator QuickStart Guide**



SKU 7068 Series  
Rev. 04.2025



# Quick Start Guide – Compressor Operation

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## ✓ STEP 1: Pre-Start Inspection

### 🔍 Check the following before starting:

- 🌀 Air intakes are on and connected
  - 🛢️ Pumps and motor have oil and are full
  - ⛽ Gas tank is full
  - 🧱 Filters are in place
  - 🔋 Battery is connected
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## 🔑 STEP 2: Starting the Compressor

- If using an R-15 pump with head unloaders, set **head unloader toggle** to horizontal (unloaded)
  - 🧑 When cold, **pull the choke out** before turning the key
  - ⌚ For the first 10–15 seconds:
    - Keep **choke on**
    - Keep **pump unloaded**
  - 🔄 Then:
    - Slowly **push the choke in**
    - Flip the **unloader valve toggle** to begin **building pressure**
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## 📊 STEP 3: Analyzer Setup & Warm-Up

- 🔧 Turn on analyzers and calibrate to **20.9%**
  - 🔑 Use the **regulator** (turn clockwise) to build pressure to **80–100 psi**
  - 🔥 Heater thermostat will activate—**warm up for 20–30 minutes**
  - 🎯 Adjust regulator to reach **desired gas mix %**
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## 🔌 STEP 4: Shutting Down

- 🔄 Flip up **unloader valve toggle** to unload and cool down (15–20 seconds)
- 🔑 Turn the key off
- ⛔ Turn off analyzers