



Nuvair LP-LP 12 Nitrox Generator QuickStart Guide



SKU 7068 Series
Rev. 04.2025



Quick Start Guide – Compressor Operation

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
-

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**
-

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 %**
-

STEP 4: Shutting Down

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