

Geko G80310

Geko G80310 Triple Lubricated Air Compressor, 200 L

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Geko G80310 Triple Lubricated Air Compressor. Please read this manual thoroughly before operating the compressor and keep it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and extend the lifespan of your unit.

The Geko G80310 is a robust 200-liter lubricated air compressor designed for various applications requiring a reliable source of compressed air.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent personal injury and damage to the compressor.

- **Read All Instructions:** Familiarize yourself with the compressor's controls and proper usage.
- **Electrical Safety:** Ensure the power supply matches the compressor's requirements. Use a properly grounded outlet. Do not operate in wet conditions or with wet hands.
- **Pressure Safety:** Never exceed the maximum operating pressure of the compressor or any attached air tools. Always release air pressure from the tank before performing maintenance or moving the unit.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent overheating and ensure proper air intake.
- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles when operating the compressor or air tools. Hearing protection is recommended.
- **Children and Bystanders:** Keep children and unauthorized persons away from the operating compressor.
- **Maintenance:** Disconnect the power supply before performing any maintenance or repairs.

- **Oil Level:** Regularly check the oil level and ensure it is within the recommended range for lubricated compressors.

3. SETUP

3.1 Unpacking and Inspection

Carefully remove the compressor from its packaging. Inspect the unit for any signs of shipping damage. If damage is found, contact your retailer immediately.

3.2 Placement

Place the compressor on a firm, level surface to ensure stability and proper lubrication. Ensure there is adequate space around the unit for ventilation and access for maintenance. Do not place the compressor against a wall or in an enclosed space.

3.3 Oil Filling/Checking

As a lubricated compressor, it requires oil for operation. Before first use, or after extended storage, check the oil level using the dipstick or sight glass. Fill with the recommended compressor oil to the specified level if necessary. Refer to the oil cap or manual for the correct oil type.

3.4 Connecting to Power

Connect the compressor's power cord to a suitable, grounded electrical outlet. Ensure the voltage and frequency match the specifications on the compressor's data plate.

3.5 Initial Run-in Procedure

For the first use, run the compressor with the tank drain valve open for approximately 15-20 minutes. This allows the internal components to properly seat and lubricate without building pressure. Close the drain valve after the run-in period.



Image showing the Geko G80310 air compressor, highlighting its main components such as the motor, tank, and pressure gauges. This view is typical for initial setup and inspection.

4. OPERATING INSTRUCTIONS

4.1 Starting the Compressor

1. Ensure all connections are secure and the drain valve is closed.
2. Plug the compressor into the power outlet.
3. Turn the power switch to the 'ON' position. The compressor will start to build pressure.
4. The compressor will automatically shut off once the maximum pressure is reached.

4.2 Adjusting Pressure

Use the pressure regulator knob to adjust the output air pressure to suit your air tool's requirements. The output pressure gauge will display the regulated pressure.

4.3 Shutting Down

1. Turn the power switch to the 'OFF' position.
2. Unplug the compressor from the power outlet.
3. Slowly open the tank drain valve (located at the bottom of the tank) to release all air pressure. This is crucial for safety and to prevent moisture buildup.

5. MAINTENANCE

Regular maintenance is vital for the longevity and safe operation of your compressor.

- **Daily:** Drain condensation from the air tank. Check oil level.
- **Weekly/Every 10-20 Operating Hours:** Check air filter for cleanliness. Clean or replace if necessary. Inspect for air leaks.
- **Monthly/Every 50 Operating Hours:** Change compressor oil. Inspect all fasteners for tightness. Check safety valve operation (briefly pull the ring to ensure it releases air).
- **Annually:** Have a qualified technician inspect the compressor for wear and tear, especially the pressure relief valve and tank integrity.

6. TROUBLESHOOTING

This section outlines common issues and their potential solutions.

Problem	Possible Cause	Solution
Compressor does not start	No power supply Thermal overload tripped Faulty switch	Check power cord and outlet Allow motor to cool, then reset Contact qualified service personnel
Low air pressure / Slow pressure build-up	Air leaks Clogged air filter Worn piston rings/valves	Check connections and hoses for leaks Clean or replace air filter Contact qualified service personnel
Excessive noise or vibration	Loose components Insufficient oil Worn bearings	Tighten all fasteners Check and add oil Contact qualified service personnel
Oil leakage	Loose fittings Damaged seals Overfilled oil	Tighten fittings Contact qualified service personnel Drain excess oil to correct level

7. SPECIFICATIONS

Feature	Specification
Model Number	G80310
Brand	Geko
Manufacturer	Firma Handlowa GEKO
Compressor Type	Triple Lubricated Air Compressor
Tank Capacity	200 Liters
Product Weight	135 kg
Package Dimensions (approx.)	35 x 35 x 15 cm

Feature	Specification
Power Source	Electric (specific voltage/frequency not provided, refer to product label)

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. Warranty terms and conditions may vary. For technical support or service inquiries, please contact the manufacturer, Firma Handlowa GEKO, or your authorized service center.