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› [DeWalt DXCMLA3706056 60-Gallon Stationary Air Compressor User Manual](#)

## DEWALT DXCMLA3706056

# DeWalt DXCMLA3706056 60-Gallon Stationary Air Compressor User Manual

Model: DXCMLA3706056

## 1. INTRODUCTION

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This manual provides essential information for the safe operation, maintenance, and troubleshooting of your DeWalt DXCMLA3706056 60-Gallon Stationary Air Compressor. Please read this manual thoroughly before operating the unit to ensure proper use and to prevent injury or damage.

The DeWalt 60-gallon air compressor features a cast iron, twin cylinder, oil lubricated pump with a one-piece cast iron crankcase, thermally stable cast iron cylinder body, aluminum head & valve plate, automotive style ball bearings, durable Swedish stainless steel reed valves, oil level sight glass, easily accessible oil fill, and a 12" cast iron balanced flywheel. It is equipped with a heavy duty, 240 volt induction motor for maximum performance and efficiency, providing 155 PSI max pressure for optimum tool performance.

## 2. SAFETY INFORMATION

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Always observe basic safety precautions when using this air compressor to reduce the risk of fire, electric shock, and personal injury.

- **Electrical Safety:** This unit requires a 240-volt electrical supply. Ensure proper grounding and use a dedicated circuit. Do not operate with damaged cords or plugs.
- **Pressure Safety:** Do not exceed the maximum operating pressure of 155 PSI. Always wear eye protection when operating the compressor or using air tools.
- **Maintenance Safety:** Disconnect power before performing any maintenance. Allow the unit to cool down before touching hot surfaces.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent overheating and accumulation of hazardous fumes.
- **Children and Bystanders:** Keep children and bystanders away from the operating compressor.

## 3. SETUP

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Proper setup is crucial for the safe and efficient operation of your air compressor.

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Placement:** Position the compressor on a level, stable surface. Ensure adequate clearance around the unit for ventilation and maintenance access. Consider using anti-vibration pads for stability and noise reduction.
3. **Electrical Connection:** This compressor requires a 240-volt power supply. Consult a qualified electrician for proper wiring and installation of the appropriate plug and dedicated circuit, if not already present. Ensure the power source matches the compressor's requirements.
4. **Oil Level Check:** Verify the oil level using the oil level sight glass. The compressor is shipped with synthetic oil, but always confirm the level before first use. Add oil if necessary, using only recommended compressor oil.
5. **Air Filter Installation:** Ensure the air filter is securely installed on the pump intake.



Figure 3.1: Full view of the DeWalt DXCMLA3706056 60-Gallon Stationary Air Compressor. This image shows the overall design, including

the yellow tank, black pump assembly, and motor.



Figure 3.2: Close-up view of the compressor's pump assembly. This image highlights the cast iron pump, motor, and the protective shroud, along with a label indicating performance specifications.

## 4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your air compressor.

1. **Pre-Operation Check:** Before each use, check the oil level, ensure all connections are secure, and verify the drain valve is closed.
2. **Power On:** Flip the on/off switch to the "ON" position. The compressor will begin to build pressure.
3. **Pressure Adjustment:** Use the pressure regulator to set the desired output pressure for your air tools. The pressure gauge will display the current tank pressure.
4. **Tool Connection:** Connect your air tool to the quick-connect coupler.
5. **Power Off:** When finished, turn the on/off switch to the "OFF" position.

6. **Drain Air:** Slowly open the drain valve to release any remaining air pressure from the tank.

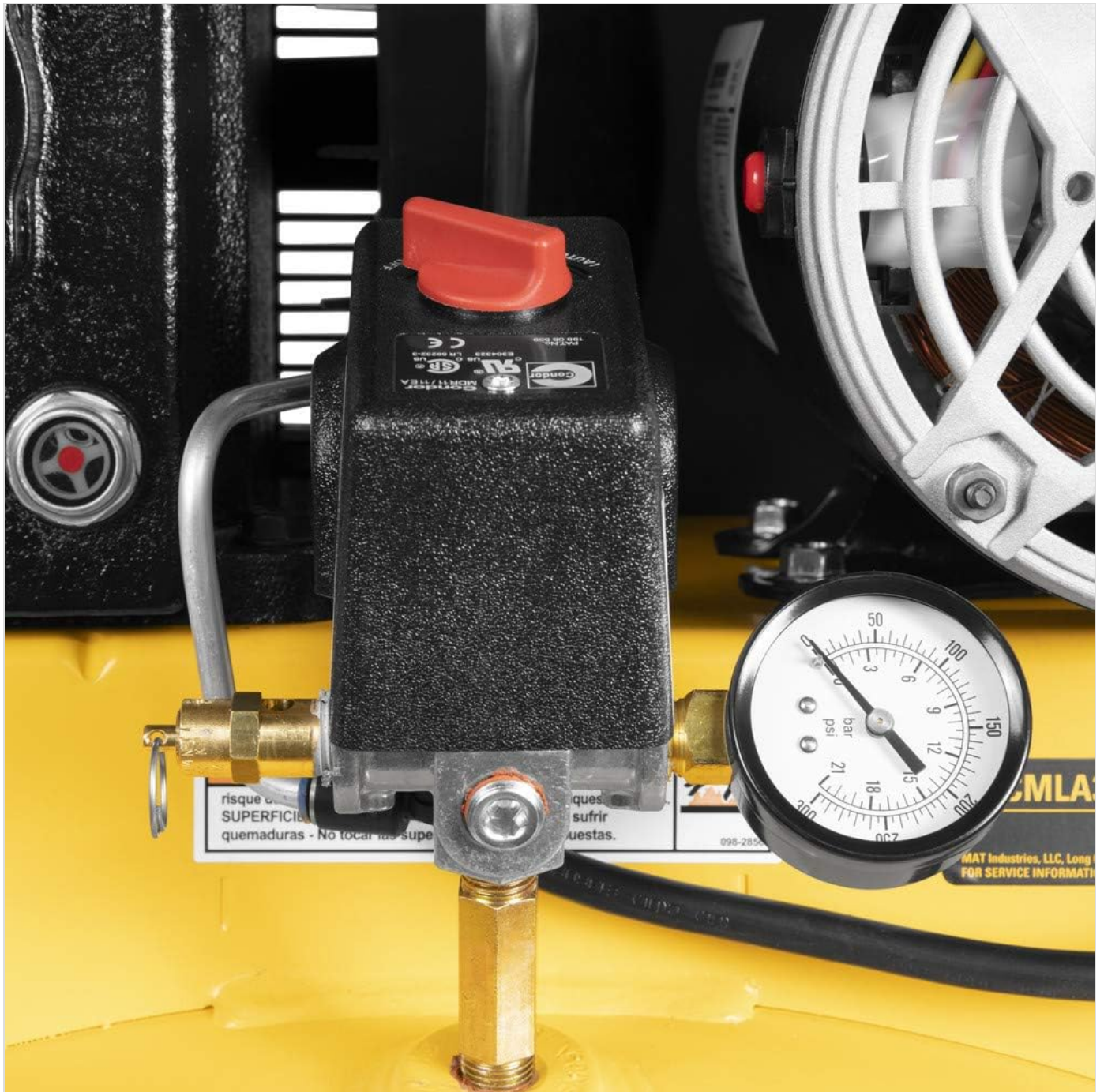


Figure 4.1: Detailed view of the pressure gauge and the red on/off switch. This shows the controls for monitoring and operating the compressor.

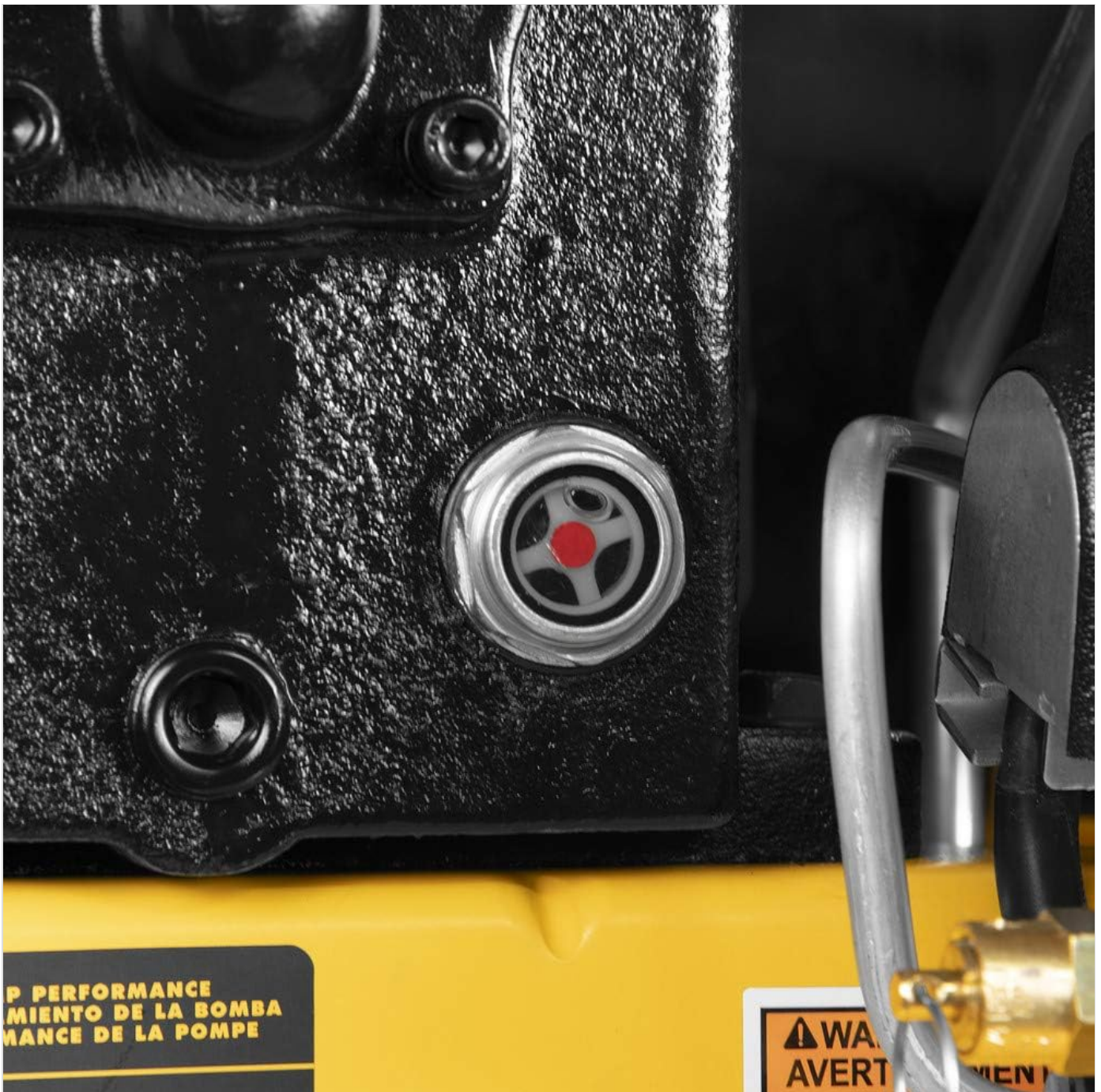


Figure 4.2: Close-up of the oil level sight glass. This component allows for easy visual inspection of the compressor's oil level.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your air compressor.

- **Daily:**
  - Drain condensation from the air tank. This prevents rust and maintains tank capacity.
  - Check oil level.
- **Weekly/Every 20 Hours:**
  - Inspect air filter. Clean or replace if dirty.
  - Check for air leaks.
- **Monthly/Every 50 Hours:**

- Inspect drive belt tension and condition. Adjust or replace as needed.
- Check all fasteners for tightness.

- **Annually/Every 200 Hours:**

- Change pump oil. Use only synthetic compressor oil as recommended by DeWalt.
- Inspect safety valve for proper operation.



Figure 5.1: View of the motor's cooling fan. Proper airflow around this component is essential for preventing overheating during operation.



Figure 5.2: Close-up of the tank drain valve located at the bottom of the air tank. This valve is used to release condensed moisture from the tank.

## 6. TROUBLESHOOTING

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This section provides solutions to common issues you may encounter with your air compressor.

Problem	Possible Cause	Solution
Compressor does not start or stops unexpectedly.	No power, tripped circuit breaker, thermal overload, low voltage.	Check power connection, reset circuit breaker, allow motor to cool, ensure adequate voltage supply.
Compressor runs continuously or cycles too frequently.	Air leak, faulty pressure switch, clogged air filter.	Check for leaks and tighten connections, inspect/replace pressure switch, clean/replace air filter.
Low air pressure or insufficient airflow.	Air leak, clogged air filter, worn pump components, incorrect regulator setting.	Check for leaks, clean/replace air filter, inspect pump, adjust regulator.
Excessive noise or vibration.	Loose components, worn bearings, insufficient oil, uneven surface.	Tighten fasteners, check oil level, ensure unit is on a level surface. Consult service for worn components.

## 7. SPECIFICATIONS

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Feature	Specification
Model Name	DXCMLA3706056
Brand	DEWALT
Capacity	60 Gallons
Maximum Pressure	155 PSI
Air Flow Capacity (at 90 psi)	11.5 CFM
Air Flow Capacity (at 40 psi)	13.4 CFM
Voltage	230 Volts (AC)
Horsepower	3.70 HP (Peak), 1.9 RHP (Running)
Pump Type	Cast Iron, Twin Cylinder, Oil Lubricated
Item Weight	247 Pounds
Product Dimensions	30 x 24 x 68 inches
Power Source	Electric
Special Feature	Heavy Duty

## 8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official DeWalt website. You can also contact our Toll Free Customer Help Line for assistance.

**Toll Free Customer Help Line:** [Refer to product packaging or official DeWalt support channels for the exact number]

**Online Support:** [Visit the DEWALT Store on Amazon](#)