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## Klutch 5903356

# Klutch 60-Gallon Single-Stage Vertical Air Compressor

Model: 5903356

## 1. INTRODUCTION

Thank you for choosing the Klutch 60-Gallon Single-Stage Vertical Air Compressor. This powerful and reliable unit is designed to provide consistent air pressure for a wide range of pneumatic tools and applications in your workshop or garage. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new air compressor. Please read it thoroughly before initial use and keep it for future reference.





Figure 1.1: Klutch 60-Gallon Single-Stage Vertical Air Compressor.

## 2. SAFETY INFORMATION

Your safety and the safety of others are extremely important. Always observe the following safety precautions when operating this air compressor:

- **Read the Manual:** Understand all operating instructions and warnings before use.
- **Eye and Hearing Protection:** Always wear ANSI-approved safety goggles and hearing protection when

operating the compressor.

- **Electrical Safety:** Ensure the compressor is connected to a properly grounded 230-volt, single-phase, 60 Hz power supply with a dedicated circuit breaker. Do not use extension cords unless absolutely necessary, and if so, ensure they are rated for the compressor's power requirements.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent heat buildup and ensure proper air intake.
- **Pressure Relief:** Never attempt to repair or modify the pressure relief valve. Ensure it is functioning correctly.
- **Stable Surface:** Place the compressor on a level, stable surface to prevent tipping.
- **Keep Clear:** Keep children, pets, and unauthorized personnel away from the operating compressor.
- **Drain Condensation:** Regularly drain condensation from the air tank to prevent rust and maintain air quality.

## 3. SETUP

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### 3.1 Unpacking

Carefully remove the compressor from its packaging. Inspect the unit for any signs of shipping damage. Report any damage immediately to your dealer.

### 3.2 Assembly

Attach the wheels and any other components (such as the handle) as instructed in the assembly guide included with your unit. Ensure all bolts and fasteners are securely tightened.

### 3.3 Electrical Connection

This compressor requires a 230-volt, single-phase, 60 Hz power supply. Ensure your electrical circuit can handle the compressor's power requirements (3.7 HP motor). It is recommended to use a dedicated circuit to avoid overloading.

# PRECISION CONTROL

BUILT-IN GAUGE + ON/OFF SWITCH

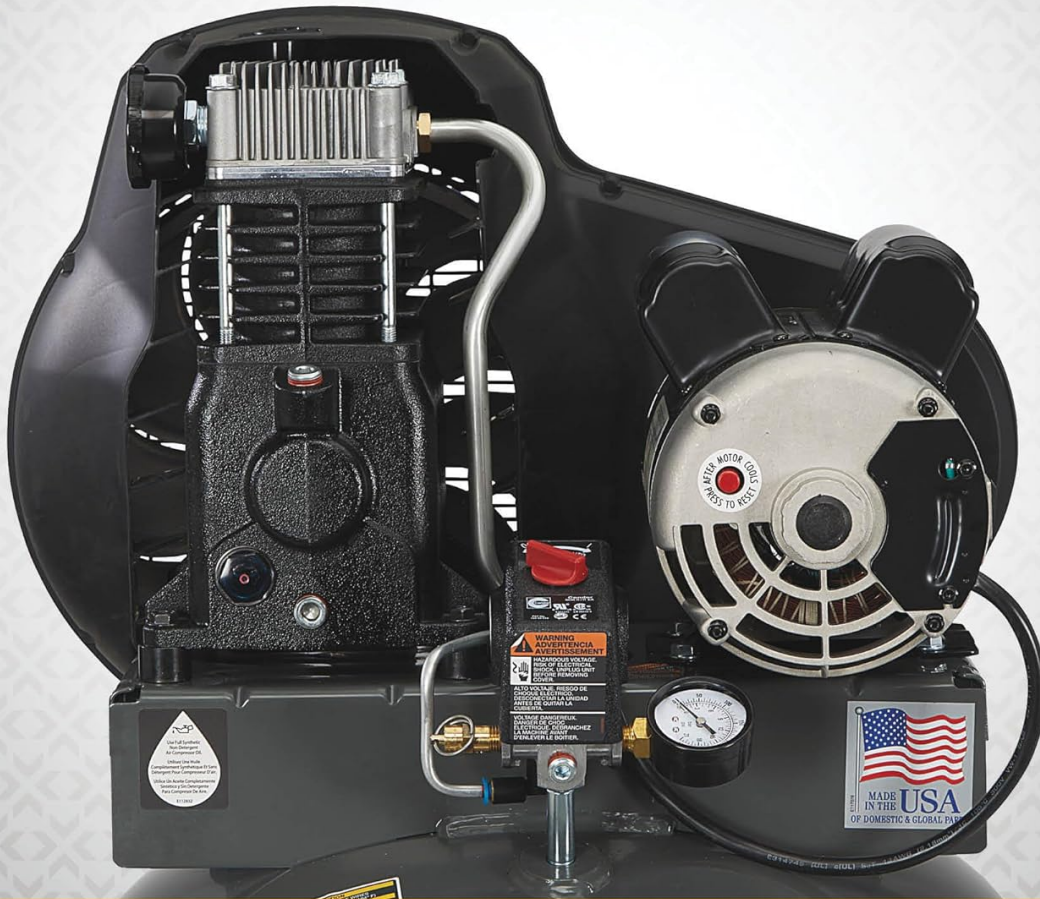


Figure 3.1: Control panel and electrical connection point.

## 4. OPERATING INSTRUCTIONS

### 4.1 Initial Startup and Break-in

Before first use, ensure the oil level is correct using the oil sight gauge. For initial break-in, run the compressor with the tank drain valve open for approximately 30 minutes to allow the internal components to seat properly. This helps extend the life of the pump.

### 4.2 Pressure Adjustment

The compressor features a built-in pressure gauge and an adjustable regulator. Turn the regulator knob to set the desired output pressure for your tools. The maximum operating pressure is 135 PSI.

# QUICK RECOVERY TIMES

60-GAL. TANK

3.7 HP MOTOR

135 MAX. PSI

9.3 CFM @ 90 PSI

11.2 CFM @ 40 PSI



Figure 4.1: Compressor specifications and gauges for quick reference.

## 4.3 Connecting Air Tools

Connect your pneumatic tools to the quick-connect coupler. Ensure the connection is secure before operating the tool. The compressor delivers 9.3 CFM at 90 PSI, suitable for various tools including impact wrenches, nailers, and spray guns.



Figure 4.2: Detail of the pressure gauge and quick-connect coupler.

## 5. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your air compressor.

### 5.1 Oil Level Check and Change

This compressor features an oil-lubricated pump. Check the oil level regularly using the oil sight gauge. Change the compressor oil according to the schedule in your detailed product manual or more frequently under heavy use conditions. Use only compressor oil specified by Klutch.





Figure 5.1: Key components including the oil sight gauge.

## 5.2 Tank Drain

Condensation accumulates in the air tank. To prevent rust and ensure clean air, drain the tank daily or after each use by opening the petcock drain valve located at the bottom of the tank.





Figure 5.2: Location of the tank drain valve (at the base).

### 5.3 Air Filter

Inspect the air filter regularly. Clean or replace it as needed to ensure proper airflow to the pump and prevent contamination.

## 6. TROUBLESHOOTING

This section outlines common issues and their potential solutions. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Compressor does not start	No power; Circuit breaker tripped; Pressure switch issue	Check power cord, outlet; Reset breaker; Consult manual or support for pressure switch.
Low pressure or airflow	Air leaks; Clogged air filter; Tool requires more CFM	Check connections for leaks; Clean/replace air filter; Use tools within compressor's CFM rating.
Excessive noise	Loose components; Worn pump/motor parts	Tighten all fasteners; Contact support for internal component issues.
Water in air line	Tank not drained regularly	Drain tank daily or more frequently.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Klutch
Model Name	Air Compressor
Model Number	5903356
Tank Size	60 Gallon
Motor Horsepower	3.7 HP
Voltage	230 Volts
Maximum Operating Pressure	135 PSI
CFM @ 90 PSI	9.3 CFM
Pump Type	Single-Stage, Oil-Lubricated
Item Weight	220 Pounds

## 8. WARRANTY AND SUPPORT

Your Klutch 60-Gallon Single-Stage Vertical Air Compressor is backed by a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. Keep your proof of purchase for warranty claims.

For technical assistance, replacement parts, or any questions regarding your compressor, please contact Klutch customer support. Visit the official Klutch website for the most up-to-date contact information and support resources.

We are committed to providing high-quality products and excellent customer service.