



[Manuals.plus](#) /

› [Campbell Hausfeld](#) /

› CAMPBELL HAUSFELD 30 Gallon Vertical Air Compressor User Manual

Campbell Hausfeld VT6358

CAMPBELL HAUSFELD 30 Gallon Vertical Air Compressor User Manual

Model: VT6358

INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your CAMPBELL HAUSFELD 30 Gallon Vertical Air Compressor, Model VT6358. Please read this manual thoroughly before operating the compressor to ensure proper use and to prevent injury or damage.

The CAMPBELL HAUSFELD 30-Gallon Vertical Air Compressor is designed for both professional and home use, offering performance and reliability. Its portable design and 30-gallon capacity make it suitable for various tasks, from inflating tires to powering pneumatic tools. Featuring a 2 HP motor, 135 PSI maximum pressure, single-stage pump, cast iron oil-lubricated pump, and dual voltage capability (120/240V), this compressor delivers consistent and efficient airflow.

SAFETY INFORMATION

WARNING: Failure to follow these instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves, when operating the compressor or air tools.
- Ensure the compressor is placed on a stable, level surface to prevent tipping.
- Do not operate the compressor in wet or damp conditions, or in the presence of flammable liquids or gases.
- Before performing any maintenance or service, disconnect the compressor from the power source and drain all air pressure from the tank.
- Do not exceed the maximum operating pressure of any air tool or accessory.
- Keep children and unauthorized persons away from the compressor during operation.
- This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

COMPONENTS OVERVIEW

Familiarize yourself with the main components of your air compressor.



Figure 1: Front view of the CAMPBELL HAUSFELD 30 Gallon Vertical Air Compressor. This image shows the main tank, motor, pump assembly, pressure gauges, and wheels, highlighting its vertical design and portability.



Figure 2: Angled view of the CAMPBELL HAUSFELD 30 Gallon Vertical Air Compressor. This perspective provides a clearer view of the handle, wheels, and the overall compact structure, emphasizing its ease of movement.

- **Air Tank:** Stores compressed air.
- **Pump:** Compresses air and sends it to the tank.
- **Motor:** Powers the pump.
- **Pressure Gauges:** Display tank pressure and regulated outlet pressure.
- **Regulator:** Adjusts the air pressure delivered to the tools.
- **Drain Valve:** Located at the bottom of the tank for draining condensation.
- **Safety Valve:** Releases air if tank pressure exceeds safe limits.
- **Wheels and Handle:** For portability and easy maneuvering.

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage. Report any damage to your retailer immediately.
2. **Placement:** Position the compressor on a firm, level surface in a clean, well-ventilated area. Ensure there is adequate space around the unit for air circulation and maintenance.
3. **Electrical Connection:** This compressor features dual voltage capability (120V/240V). Ensure the compressor is wired correctly for your power supply.
 - For 120V operation, connect to a grounded 120V, 15 Amp circuit.
 - For 240V operation, consult a qualified electrician for proper wiring to a grounded 240V circuit.

Note: The compressor is factory-wired for 120V. Refer to the wiring diagram in the separate electrical manual if converting to 240V.

4. **Check Oil Level:** Before first use, verify the oil level in the pump. Add compressor oil if necessary, ensuring it reaches the specified mark on the dipstick or sight glass. Use only non-detergent compressor oil.
5. **Attach Air Hose:** Connect your air hose to the compressor's air outlet. Ensure all connections are secure to prevent air leaks.

OPERATING INSTRUCTIONS

1. Initial Start-up (Break-in Period):

- Open the tank drain valve completely.
- Turn the pressure switch to the "ON" position.
- Allow the compressor to run for 15-20 minutes with the drain valve open. This helps seat the piston rings.
- Close the drain valve and allow the tank to build pressure. The compressor will shut off automatically when maximum pressure is reached.

2. Connecting Air Tools:

- Ensure the air tool is rated for the compressor's pressure output.
- Connect the air tool to the air hose.
- Adjust the regulator to the desired operating pressure for your tool.

3. Typical Applications:



Figure 3: A user operating an air-powered sander, demonstrating a common application for this air compressor in workshops for surface preparation and finishing tasks.



Figure 4: A user employing an air-powered nail gun for construction or woodworking, illustrating the compressor's utility for fastening applications.

- **Inflating:** Tires, sports equipment, inflatable toys.
- **Nailing/Stapling:** Powering nail guns and staplers for construction and woodworking.
- **Painting:** Operating spray guns for various painting projects.
- **Cleaning:** Using air blow guns for dust removal.
- **Automotive:** Powering impact wrenches, ratchets, and other automotive air tools.

4. Shutting Down:

- Turn the pressure switch to the "OFF" position.
- Disconnect the air hose from the tool.
- Slowly open the tank drain valve to release all air pressure. This also helps drain condensation.
- Store the compressor in a clean, dry location.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your air compressor.

- **Daily:**
 - **Drain Tank:** Open the drain valve at the bottom of the tank to release accumulated moisture. This prevents rust and corrosion inside the tank.
- **Weekly (or every 10 operating hours):**
 - **Check Oil Level:** Ensure the oil level is within the recommended range. Add oil if necessary.
 - **Inspect Air Filter:** Check the air filter for dirt and debris. Clean or replace if clogged. A dirty filter reduces compressor efficiency.
- **Monthly (or every 50 operating hours):**
 - **Inspect Safety Valve:** Pull the ring on the safety valve to ensure it operates freely and releases air.
 - **Check for Leaks:** Listen for air leaks around fittings and connections. Tighten as needed.
- **Annually (or every 200 operating hours):**
 - **Change Oil:** Drain old oil and refill with fresh, non-detergent compressor oil.
 - **Inspect Belt (if applicable):** Check belt tension and condition. Adjust or replace if worn.

Always disconnect power before performing any maintenance.

TROUBLESHOOTING

This section addresses common issues you might encounter with your air compressor.

Problem	Possible Cause	Solution
Compressor does not start or stops frequently.	Low voltage or inadequate circuit. Thermal overload switch tripped. Pressure switch malfunction.	Ensure proper voltage and dedicated circuit. Allow motor to cool; reset switch. Contact qualified service personnel.
Compressor runs continuously or cycles too often.	Air leak in tank or fittings. Check valve malfunction. Pressure switch not cutting off.	Locate and seal leaks. Contact qualified service personnel. Contact qualified service personnel.
Low air pressure or insufficient airflow.	Clogged air filter. Air leaks. Worn pump components.	Clean or replace air filter. Locate and seal leaks. Contact qualified service personnel.
Excessive noise or vibration.	Loose components. Low oil level. Worn bearings.	Tighten all fasteners. Check and add oil. Contact qualified service personnel.

SPECIFICATIONS

Feature	Detail
Model Number	VT6358

Feature	Detail
Tank Capacity	30 Gallons
Maximum Pressure	135 PSI
Horsepower	2 HP
Air Flow Capacity	5.5 CFM at 90 PSI
Voltage	120V / 240V (Dual Voltage)
Pump Type	Single Stage, Cast Iron, Oil Lubricated
Noise Level	60 dB
Item Weight	178 Pounds
Product Dimensions	28 x 28 x 59 inches
Material	Alloy Steel
Color	Blue
UPC	045564625399

WARRANTY AND SUPPORT

Warranty: This CAMPBELL HAUSFELD air compressor is covered by a **1 Year Limited Warranty** from the date of purchase. This warranty covers defects in material and workmanship under normal use and service. For full warranty terms and conditions, please refer to the warranty card included with your product or visit the official Campbell Hausfeld website.

Customer Support: For technical assistance, parts, or warranty claims, please contact Campbell Hausfeld customer service. Have your model number (VT6358) and date of purchase ready when contacting support.

Online Resources: Visit the official Campbell Hausfeld website for additional resources, FAQs, and product registration.

Manufacturer: Campbell Hausfeld