

HFT 6fc0b801-5d57-4dfd-b856-31c8ee84b216

8 Gallon 1.5 HP 150 PSI Oil-Free Portable Air Compressor

Model: 6fc0b801-5d57-4dfd-b856-31c8ee84b216

INTRODUCTION

Thank you for choosing the HFT 8 Gallon 1.5 HP 150 PSI Oil-Free Portable Air Compressor. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new air compressor. Please read this manual thoroughly before initial use and keep it for future reference.

This maintenance-free and portable oil-free air compressor is ideal for various tasks such as brad nailing, stapling, and other small jobs requiring compressed air. It features a quick connect coupler and easy-to-read gauges for user convenience.

IMPORTANT SAFETY INFORMATION

WARNING: Read and understand all instructions before using this product. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

- **Electrical Safety:** Ensure the compressor is connected to a grounded outlet. Do not operate in wet conditions.
- **Pressure Safety:** Never exceed the maximum operating pressure of any air tool or accessory. Always wear eye protection.
- **Personal Safety:** Wear appropriate personal protective equipment (PPE), including safety glasses and hearing protection. Keep children and bystanders away.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent heat buildup and ensure proper air intake.
- **Maintenance:** Disconnect power before performing any maintenance or adjustments. Regularly drain condensation from the tank.

PRODUCT COMPONENTS

Familiarize yourself with the main components of your HFT air compressor:

- **Air Tank:** Stores compressed air.
- **Motor/Pump Assembly:** Generates compressed air.

- **Pressure Gauges:** Display tank pressure and regulated outlet pressure.
- **Regulator Knob:** Adjusts the outlet air pressure.
- **Quick Connect Coupler:** For easy attachment of air hoses and tools.
- **Drain Valve:** Located at the bottom of the tank, used to release condensation.
- **Handle and Wheels:** For portability.



An image showing the HFT 8 Gallon 1.5 HP 150 PSI Oil-Free Portable Air Compressor. The compressor features a light blue tank, a black motor housing on top, a black handle, and wheels for portability. Gauges and a quick connect coupler are visible on the front.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Placement:** Place the compressor on a firm, level surface in a clean, well-ventilated area. Ensure there is adequate space around the unit for air circulation.
3. **Drain Valve:** Ensure the tank drain valve at the bottom of the tank is fully closed before operation.
4. **Electrical Connection:** Connect the power cord to a suitable grounded electrical outlet. Refer to the specifications for voltage requirements.
5. **Initial Startup (Break-in):** For the first use, run the compressor with the tank drain valve open for 15-20 minutes to allow the motor and pump to break in. This helps to ensure proper lubrication and extends the life of the unit.

OPERATING INSTRUCTIONS

1. **Power On:** Plug in the compressor and turn the power switch to the 'ON' position. The motor will start, and the tank will begin to fill with air.
2. **Pressure Build-up:** Allow the compressor to build up to its maximum pressure (150 PSI) and shut off automatically. This indicates the pressure switch is functioning correctly.
3. **Connect Air Tool:** Attach your air hose to the quick connect coupler. Then, connect your desired air tool to the hose.
4. **Adjust Pressure:** Turn the regulator knob to set the desired working pressure for your air tool. Monitor the regulated pressure gauge.
5. **Begin Work:** You can now use your air tool. The compressor will cycle on and off automatically to maintain tank pressure as air is consumed.
6. **Shut Down:** When finished, turn the power switch to the 'OFF' position. Disconnect the air tool and hose. Slowly open the tank drain valve to release all air pressure from the tank.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your air compressor. Always disconnect the power supply before performing any maintenance.

- **Drain Tank Daily:** Condensation will accumulate in the air tank. To prevent rust and maintain tank capacity, open the drain valve daily after each use to release all moisture.
- **Clean Air Filter:** Periodically inspect and clean the air filter. A clogged filter can reduce compressor performance and lead to overheating. Refer to the filter housing for cleaning instructions (usually involves rinsing with water and drying, or replacing).
- **General Cleaning:** Keep the compressor clean and free of dust and debris. Wipe down the exterior with a damp cloth.
- **Oil-Free Design:** This compressor features an oil-free pump, eliminating the need for oil changes or oil level checks.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start or stops unexpectedly.	No power, tripped circuit breaker, thermal overload.	Check power connection. Reset circuit breaker. Allow compressor to cool down if thermal overload is tripped.

Problem	Possible Cause	Solution
Air leaks from fittings or connections.	Loose fittings, damaged O-rings or seals.	Tighten all connections. Inspect and replace damaged seals or O-rings.
Compressor runs continuously or frequently.	Air leak in system, excessive air consumption, faulty pressure switch.	Check for air leaks in hose and tools. Reduce air consumption. Contact customer support if pressure switch is suspected.
Low air pressure at outlet.	Regulator set too low, air leak, clogged air filter.	Adjust regulator to higher pressure. Check for leaks. Clean or replace air filter.

TECHNICAL SPECIFICATIONS

Brand: HFT
Model Name: 8 Gallon 1.5 HP 150 PSI Oil-Free Portable
Capacity: 8 Gallons
Maximum Power: 1.5 Horsepower (Running HP)
Maximum Pressure: 150 PSI
Air Flow Capacity (SCFM): 4.1 Cubic Feet Per Minute
Power Source: Air-powered (Electric motor drives air pump)
Special Feature: Oil Free
Included Components: Quick connect coupler, easy-to-read gauges
Item Weight: 67 pounds

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact the seller directly. Keep your purchase receipt as proof of purchase for any warranty claims.
For general inquiries or assistance, you may also visit the HFT official website or contact their customer service department.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question