

HFT 792363645928

HFT 1 Gallon 135 PSI Ultra Quiet Hand Carry Jobsite Air Compressor

Model: 792363645928

1. INTRODUCTION AND OVERVIEW

The HFT 1 Gallon 135 PSI Ultra Quiet Hand Carry Jobsite Air Compressor is engineered for efficiency and portability. Designed to be significantly quieter and lighter than comparable models, it offers reliable performance for a variety of tasks. Its compact size and integrated control panel make it an ideal choice for jobsite use where space and noise are considerations.

Key features include:

- Ultra quiet 57 dBA operation, up to 80% quieter than similar jobsite compressors.
- Oil-free pump for maintenance-free operation.
- Brushless 4-pole induction motor designed for extended lifespan.
- Compact and lightweight design, delivering 0.7 SCFM @ 90 PSI with a maximum pressure of 135 PSI.
- Full protective roll cage to safeguard vital components.

2. SAFETY INFORMATION

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

- **Electrical Safety:** Ensure the compressor is connected to a grounded outlet. Do not operate in wet conditions.
- **Pressure Safety:** Never exceed the maximum pressure rating of any air tool or accessory. Always wear eye protection.
- **Noise Exposure:** Wear hearing protection during operation to prevent hearing damage.
- **Moving Parts:** Keep hands, hair, and loose clothing away from moving parts.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent overheating.

- **Maintenance:** Disconnect power before performing any maintenance or adjustments.

3. COMPONENTS AND CONTROLS

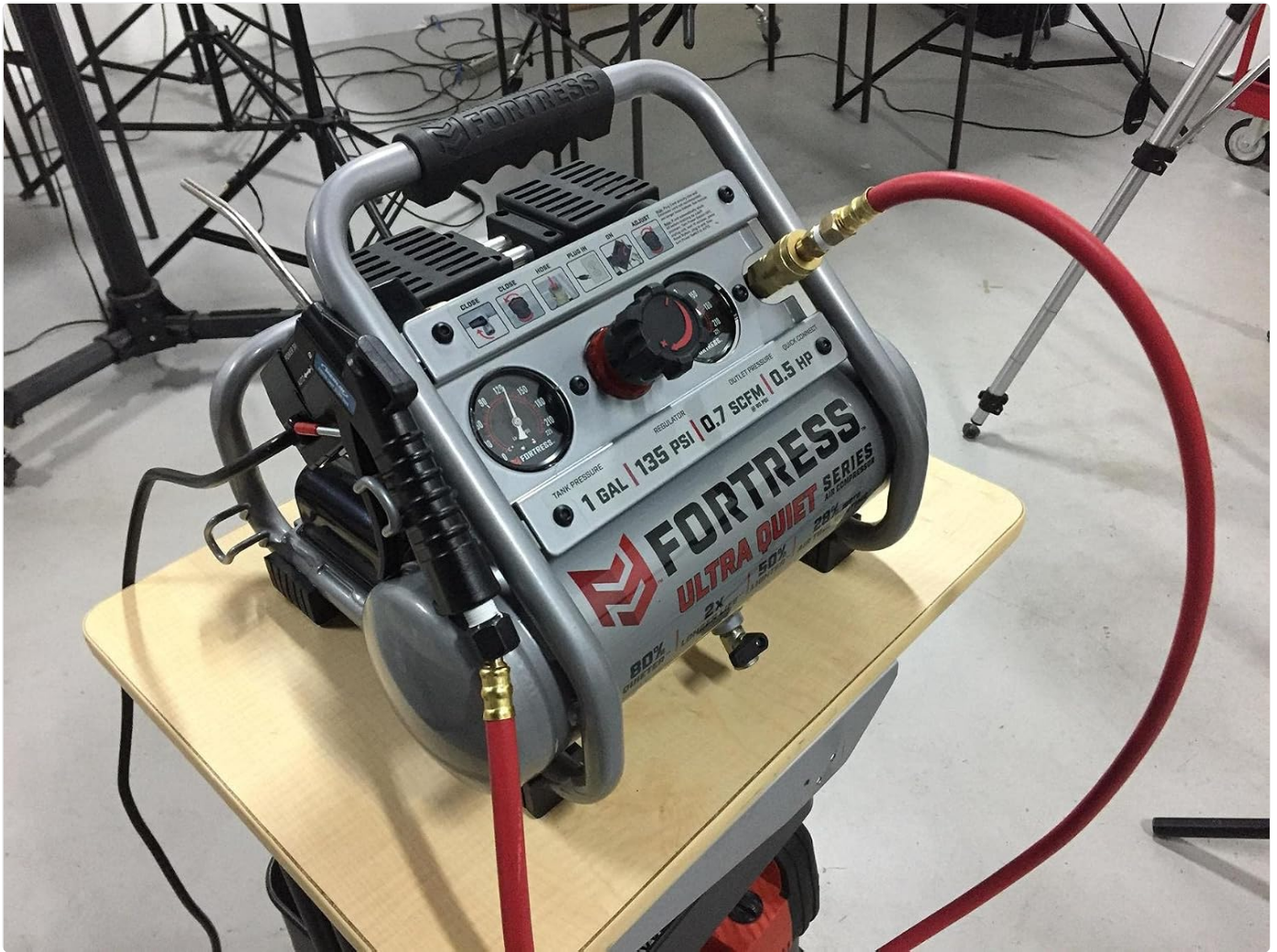


Figure 1: Front view of the HFT 1 Gallon Air Compressor, highlighting its control panel and gauges.

The air compressor features an intuitive control panel for easy operation:

- **Tank Pressure Gauge:** Displays the current air pressure inside the 1-gallon tank. (Labeled "TANK PRESSURE" in Figure 1)
- **Regulator:** A red knob used to adjust the output air pressure to suit the connected air tool. (Labeled "REGULATOR" in Figure 1)
- **Outlet Pressure Gauge:** Shows the regulated air pressure being delivered to the air tool. (Labeled "OUTLET PRESSURE" in Figure 1)
- **Quick Connect Coupler:** Provides a fast and easy connection point for air hoses and tools. (Labeled "QUICK CONNECT" in Figure 1)
- **Power Switch:** Located on the side, this switch turns the compressor on and off.
- **Reset Button:** A safety feature that trips if the motor overheats. Press to reset after cooling.
- **Drain Valve:** Located at the bottom of the tank, used to release condensed moisture.

4. SETUP

1. **Unpacking and Inspection:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.

Report any damage immediately to your retailer.

2. **Placement:** Place the compressor on a stable, level surface in a clean, well-ventilated area. Ensure there is adequate space around the unit for air circulation.
3. **Electrical Connection:** Connect the power cord to a grounded 120V AC outlet. Ensure the outlet can provide the necessary 15 Amps.
4. **Attach Air Hose:** Connect your air hose to the Quick Connect Coupler. Ensure a secure connection to prevent air leaks.
5. **Attach Air Tool:** Connect your desired air tool (e.g., tire inflator, air brush) to the other end of the air hose.

5. OPERATING INSTRUCTIONS

1. **Power On:** Flip the Power Switch to the "ON" position. The compressor will begin to fill the tank. The Tank Pressure Gauge will show the increasing pressure.
2. **Adjusting Output Pressure:** Once the tank reaches its maximum pressure (135 PSI), the compressor will shut off automatically. Turn the Regulator knob to set the desired output pressure for your tool. Monitor the Outlet Pressure Gauge to ensure the correct setting.
3. **Using the Air Tool:** Begin using your air tool. The compressor will cycle on and off as needed to maintain the tank pressure.
4. **Power Off:** When finished, turn the Power Switch to the "OFF" position.
5. **Depressurize Tank:** Before storing, release all air from the tank by opening the Drain Valve or by activating an air tool until the tank pressure gauge reads zero.

6. MAINTENANCE

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

- **Drain Moisture Daily:** Open the Drain Valve at the bottom of the tank daily after each use to release any accumulated moisture. This prevents rust and corrosion inside the tank.
- **Oil-Free Pump:** This compressor features an oil-free pump, eliminating the need for oil changes or lubrication.
- **Clean Air Filter:** Periodically inspect and clean the air filter (if accessible) to ensure proper airflow and prevent dust from entering the pump.
- **Inspect Hoses and Connections:** Regularly check air hoses and connections for wear, cracks, or leaks. Replace damaged components immediately.
- **Clean Exterior:** Wipe down the exterior of the compressor with a damp cloth to remove dust and debris.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start.	No power; Thermal overload tripped; Power switch off.	Check power connection/outlet; Press reset button; Turn power switch ON.
Low air pressure or slow recovery.	Air leaks; Clogged air filter; Regulator set too low.	Check hose connections for leaks; Clean/replace air filter; Adjust regulator to higher setting.

Problem	Possible Cause	Solution
Excessive noise or vibration.	Loose components; Compressor on uneven surface.	Tighten all fasteners; Place compressor on a stable, level surface.
Moisture in air line.	Tank not drained regularly; High humidity.	Drain tank daily after each use.

8. SPECIFICATIONS

Feature	Specification
Brand	HFT
Model Name	Ultra Quiet Hand Carry Jobsite Air Compressor
Model Number	792363645928
Capacity	1 Gallon
Maximum Operating Pressure	135 PSI
Air Flow Capacity (SCFM @ 90 PSI)	0.7 SCFM
Horsepower (HP)	0.5 HP
Noise Level	57 dB
Voltage	12 Volts
AC Adapter Current	15 Amps
Item Weight	30.3 pounds
Package Dimensions	15 x 14.75 x 14.25 inches
Special Feature	Silent Operation
Recommended Uses	Drilling, Air Brushing, Spraying, Nailing

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact HFT customer service directly. Keep your proof of purchase for warranty claims.

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.

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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