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> [BOSTITCH Air Compressor for Trim, Oil-Free, High-Output, 1.2 Gallon, 120 PSI \(CAP1512-OF\)](#)

## BOSTITCH CAP1512-OF

# BOSTITCH Air Compressor User Manual

Model: CAP1512-OF

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your BOSTITCH CAP1512-OF Air Compressor. This lightweight and compact 1.2 Gallon compressor features a high-output, oil-free, maintenance-free pump, delivering 2.8 SCFM\* @ 90 PSI with a maximum tank storage pressure of 150 PSI. It is designed for use with finish nailers and staplers for various applications, including installing trim, baseboard, door frames, cabinets, or window casings. Please read this manual thoroughly before operating the compressor.

## SAFETY INFORMATION

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

- Ensure the compressor is connected to a 120 Volt power source.
- Do not operate the compressor in wet or damp conditions.
- Wear appropriate personal protective equipment, including eye and hearing protection.
- Keep children and bystanders away from the operating area.
- Always unplug the compressor before performing any maintenance or adjustments.
- The product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## PRODUCT OVERVIEW AND COMPONENTS

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The BOSTITCH CAP1512-OF Air Compressor is designed for portability and high performance. Key components include:

- **1.2 Gallon Tank:** Provides air storage for continuous operation.
- **Oil-Free Pump:** Delivers 2.8 SCFM @ 90 PSI, requiring no maintenance for lubrication.
- **Integrated Control Panel:** Features gauges for monitoring tank and regulated pressure, protected by a roll cage.
- **LED ON/OFF Switch:** Indicates when the compressor is powered on.
- **Integrated Cord Wrap:** For convenient storage and portability of the power cord.
- **On-board Storage Pocket:** Designed for tools, accessories, and fasteners.

- **Rubber Feet:** Non-marring feet for stability and surface protection.



Figure 1: Front view of the BOSTITCH CAP1512-OF Air Compressor, showing the control panel, tank, and handle.

## SETUP

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Placement:** Place the compressor on a stable, level surface. Ensure adequate ventilation around the unit.
3. **Power Connection:** Connect the compressor's power cord to a grounded 120 Volt AC outlet. The 1.5 max HP (running) motor draws only 12 amps, allowing for easy startup without tripping circuit breakers, even with a 14 GA or larger extension cord up to 50 ft. (15.2 m).
4. **Hose and Tool Connection:** Attach your air hose to the universal female coupler on the compressor. Connect your desired pneumatic tool (e.g., finish nailer, stapler) to the other end of the air hose.

## OPERATING INSTRUCTIONS

- Power On:** Flip the ON/OFF switch to the "ON" position. The LED will illuminate, indicating the compressor is active. The compressor will begin to build pressure in the tank.
- Set Output Pressure:** Use the pressure regulator knob on the control panel to adjust the output air pressure to the desired PSI for your tool. Monitor the regulated pressure gauge. The compressor can deliver up to 150 PSI max.
- Operation:** Once the tank pressure reaches its maximum (150 PSI) and the regulated pressure is set, you can begin using your pneumatic tool. The compressor will automatically cycle on to maintain tank pressure as air is consumed.
- Power Off:** When finished, flip the ON/OFF switch to the "OFF" position. Disconnect the air hose and unplug the power cord.
- Drain Tank:** Always drain the air tank after each use to prevent moisture buildup and corrosion. Locate the drain valve at the bottom of the tank, open it to release air and moisture, then close it securely.

## MAINTENANCE

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The BOSTITCH CAP1512-OF features an oil-free pump, significantly reducing maintenance requirements.

- **Daily:** Drain the air tank to remove accumulated moisture.
- **Regularly:** Inspect the air filter for dirt and debris. Clean or replace if necessary to ensure optimal airflow.
- **Periodically:** Check all hoses and fittings for leaks or damage. Tighten any loose connections.
- **Storage:** Store the compressor in a clean, dry environment. Utilize the integrated cord wrap and on-board storage pocket for neat organization.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Compressor does not start or run.	No power, tripped circuit breaker, faulty switch.	Check power connection, reset breaker, ensure ON/OFF switch is engaged.
Compressor runs continuously or cycles too frequently.	Air leak in hose/fittings, drain valve open, excessive air demand.	Check for leaks, close drain valve, reduce air consumption.
Low air pressure at tool.	Regulator set too low, air leak, clogged air filter.	Adjust regulator, check for leaks, clean/replace air filter.
Excessive noise or vibration.	Loose components, worn parts.	Inspect and tighten all fasteners. If problem persists, contact customer support.

## SPECIFICATIONS

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Feature	Detail
Model Name	CAP1512-OF
Brand	BOSTITCH
Voltage	120 Volts
Power Source	Corded Electric

Feature	Detail
Motor Horsepower	1.5 HP (Running), 2 HP (Peak)
Tank Capacity	1.2 Gallons (4.5 L)
Maximum PSI	150 PSI
Air Flow Capacity	2.8 SCFM @ 90 PSI
Noise Level	79 dB
Item Weight	23.5 Pounds
Product Dimensions (L x W x H)	33.6" x 13" x 11"
Recommended Uses	Air Brushing, Drilling, Nailing, Spraying
Special Features	LED Cord, Portable, Oil-Free Pump, Integrated Control Panel, On-board Storage



Figure 2: Dimensions of the BOSTITCH CAP1512-OF Air Compressor.

## WARRANTY AND SUPPORT

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This BOSTITCH Air Compressor (Model CAP1512-OF) comes with a **1 Year Limited Warranty**. This warranty covers defects in material or workmanship for a period of one year from the date of purchase.

For warranty claims, technical support, or service inquiries, please contact BOSTITCH customer service. Refer to the official BOSTITCH website or your purchase documentation for the most current contact information.

For additional information, you may also refer to the [User Manual \(PDF\)](#).

