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› [MCGRAW 6 Gallon Pancake Air Compressor User Manual](#)

## MCGRAW 6012-6.0H

# MCGRAW 6 Gallon Pancake Air Compressor User Manual

Model: 6012-6.0H

## INTRODUCTION

Thank you for choosing the MCGRAW 6 Gallon Pancake 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 operating the unit and keep it for future reference.

This low-profile, oil-free compressor is designed for a variety of tasks including nailing, stapling, inflation, and cleaning. Its compact size and lightweight design make it highly portable and suitable for various jobsite applications. The unit features easy-to-read gauges, durable rubber feet for stability, and built-in thermal overload protection for extended lifespan.

## SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Eye Protection:** Always wear ANSI Z87.1 compliant safety glasses with side shields when operating the compressor or air tools.
- **Hearing Protection:** Wear hearing protection during extended use to prevent hearing damage. The compressor operates at 79 dB.
- **Electrical Safety:** Plug the compressor directly into a wall outlet. Do not use extension cords as they can cause voltage drop, overheating, and fire hazards. Ensure the power source matches the compressor's voltage requirements.
- **Pressure Safety:** Never exceed the maximum operating pressure of any air tool or accessory. Always depressurize the tank before performing maintenance or moving the compressor.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent overheating.
- **Stability:** Ensure the compressor is placed on a stable, level surface during operation.

## PRODUCT OVERVIEW

The MCGRAW 6 Gallon Pancake Air Compressor is designed for ease of use and portability. Key components include:

- **6 Gallon Tank:** Provides ample air storage for various tasks.
- **150 PSI Max Pressure:** Delivers sufficient power for demanding applications.
- **Oil-Free Pump:** Requires no oil, reducing maintenance and eliminating oil changes.
- **Easy-to-Read Gauges:** Separate gauges for tank pressure and tool pressure allow for precise monitoring.
- **Pressure Regulator:** Allows adjustment of the air pressure delivered to the tool.
- **Universal Push-to-Connect Couplers:** For quick and easy attachment of air hoses and tools.
- **Ball Drain Valve:** Located at the bottom of the tank for easy moisture drainage.
- **Thermal Overload Protection:** Automatically shuts off the compressor if it overheats, protecting the motor.



Figure 1: Front view of the MCGRAW 6 Gallon Pancake Air Compressor, showing the main unit, gauges, and air hose connection.



# 6 GALLON OIL FREE PANCAKE AIR COMPRESSOR

## IDEAL FOR



NAILING/STAPLING



INFLATION



CLEANING/BLOWING

<b>150</b> MAX. PSI	<b>2.8</b> SCFM @ 90 PSI	<b>0.8</b> RUNNING HP
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**INCLUDES:**  
6 Gallon Oil Free Pancake Compressor,  
Requires air hose (sold separately)



**BUILT-IN  
CORD WRAP**

<b>PUMP TYPE:</b>	<b>OIL FREE</b>
<b>SCFM @ 90 PSI:</b>	<b>2.8</b>
<b>SCFM @ 40 PSI:</b>	<b>3.4</b>
<b>TANK SIZE:</b>	<b>6 GALLONS</b>
<b>MAX. TANK PRESSURE:</b>	<b>150 PSI</b>
<b>RUNNING HP:</b>	<b>0.8</b>
<b>INPUT POWER:</b>	<b>12.0 AMPS</b>
<b>VOLTS:</b>	<b>120</b>
<b>dB SOUND LEVEL:</b>	<b>83</b>
<b>POWER CORD LENGTH:</b>	<b>6 ft.</b>
<b>PRODUCT WEIGHT:</b>	<b>32 LBS.</b>



Figure 2: Diagram highlighting key features and specifications of the MCGRAW 6 Gallon Pancake Air Compressor, including pump type, SCFM ratings, tank size, and power details.

## SETUP

- 1. Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
- 2. Placement:** Place the compressor on a firm, level surface. Ensure adequate ventilation around the unit.
- 3. Power Connection:** Plug the power cord directly into a grounded 120V AC wall outlet. Do not use extension cords.
- 4. Air Hose Connection:** Attach your air hose (sold separately) to the universal push-to-connect coupler on the compressor.
- 5. Initial Startup:** Before first use, ensure the drain valve is closed. Turn the compressor ON. Allow the tank to fill completely until the motor shuts off automatically. This indicates the tank has reached its maximum pressure.

## OPERATING INSTRUCTIONS

- Turning On/Off:** Use the ON/OFF switch located on the compressor's control panel to power the unit.
- Adjusting Pressure:** The red knob on the control panel is the pressure regulator. Turn it clockwise to increase pressure and counter-clockwise to decrease pressure. Monitor the 'TOOL' gauge to set the desired output pressure for your air tool.
- Connecting Tools:** Connect your air tool to the air hose. Ensure the tool's pressure requirement does not exceed the compressor's output or the tool's maximum rating.
- Operation:** Once the desired pressure is set and the tool is connected, you can begin using your air tool. The compressor will cycle on and off automatically to maintain tank pressure.
- Thermal Overload Protection:** If the compressor automatically shuts off before reaching its normal cutoff pressure, it may be due to thermal overload. Turn the unit off and unplug it for 15 minutes to allow it to cool down. Plug it back in, turn it on, and resume operation.

## MAINTENANCE

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

- Daily Tank Draining:** It is crucial to drain moisture from the air tank daily or after each use. This prevents rust and corrosion inside the tank, which can lead to tank failure. To drain, turn off the compressor, release all air pressure from the tank, and open the ball drain valve located at the bottom of the tank. Close the valve once all moisture has been expelled.
- Cleaning:** Keep the compressor clean and free of dust and debris. Use a dry cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- Oil-Free Design:** This compressor features an oil-free pump, eliminating the need for oil changes or lubrication.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start	No power; Thermal overload; Low voltage	Check power connection; Allow unit to cool; Use a dedicated circuit.
Low air pressure / Continuous running	Air leak; Regulator setting too low; Excessive air consumption	Check hose/fittings for leaks; Adjust regulator; Use appropriate tool for task.
Air in tank but not at tool	Regulator closed; Hose kinked; Tool malfunction	Open regulator; Straighten hose; Check tool.

## SPECIFICATIONS

Specification	Value
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Specification	Value
Brand	MCGRAW
Model Name	Pancake Air Compressor
Item Model Number	6012-6.0H
Capacity	6 Gallons
Maximum Pressure	150 PSI
Air Flow Capacity (90 PSI)	2.8 SCFM
Air Flow Capacity (40 PSI)	3.4 SCFM
Motor Horsepower	0.8 HP
AC Adapter Current	12 Amps
Noise Level	79 dB
Power Source	Air-powered (Electric Motor)
Material	Plastic, Metal, Rubber
Special Feature	Lightweight, Oil-Free

## WARRANTY & SUPPORT

For detailed warranty information and customer support, please refer to the warranty card included with your purchase or contact MCGRAW customer service directly. Keep your proof of purchase for any warranty claims.