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> CRAFTSMAN 8 Gallon Oil-Free 1.8 HP Portable Air Compressor User Manual CMXECXA0200842

## CRAFTSMAN CMXECXA0200842

# CRAFTSMAN 8 Gallon Oil-Free 1.8 HP Portable Air Compressor User Manual

Model: CMXECXA0200842

## 1. INTRODUCTION

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This manual provides essential information for the safe operation, maintenance, and troubleshooting of your CRAFTSMAN 8 Gallon Oil-Free 1.8 HP Portable Air Compressor. Please read and understand all instructions before operating the compressor to ensure safe and efficient use. This portable air compressor is designed for various applications including tire inflation, auto repair, painting, and woodworking tasks.

## 2. SAFETY INFORMATION

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Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Electrical Safety:** Ensure the compressor is connected to a properly grounded outlet. Do not operate in wet conditions.
- **Pressure Safety:** Never exceed the maximum operating pressure of any air tool or accessory. Do not tamper with the safety valve.
- **Personal Protective Equipment:** Always wear safety glasses or goggles. Hearing protection is recommended during operation.
- **Work Area:** Keep the work area clean and well-lit. Do not operate the compressor near flammable liquids or gases.
- **Maintenance:** Disconnect power before performing any maintenance or adjustments.

## 3. COMPONENTS AND FEATURES

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Familiarize yourself with the key components of your air compressor.

**LARGE REGULATOR KNOB**  
FOR EASY OPERATION

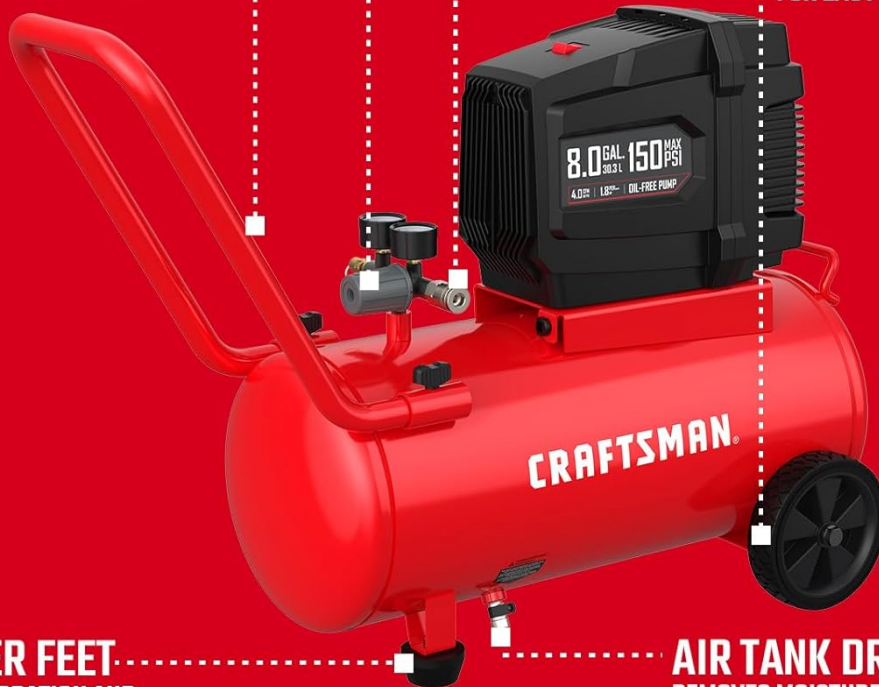
**REMOVABLE HANDLE**  
TO FIT YOUR STORAGE AND  
TRANSPORTATION NEEDS

**QUICK AND  
EASY-TO-CONNECT COUPLER**  
ALLOWS UNIVERSAL USE AND ONE-HANDED CONNECTION

**RUBBER WHEELS**  
FOR EASY TRANSPORT

**RUBBER FEET**  
REDUCE VIBRATION AND  
INCREASE STABILITY

**AIR TANK DRAIN VALVE**  
REMOVES MOISTURE FROM AIR TANK

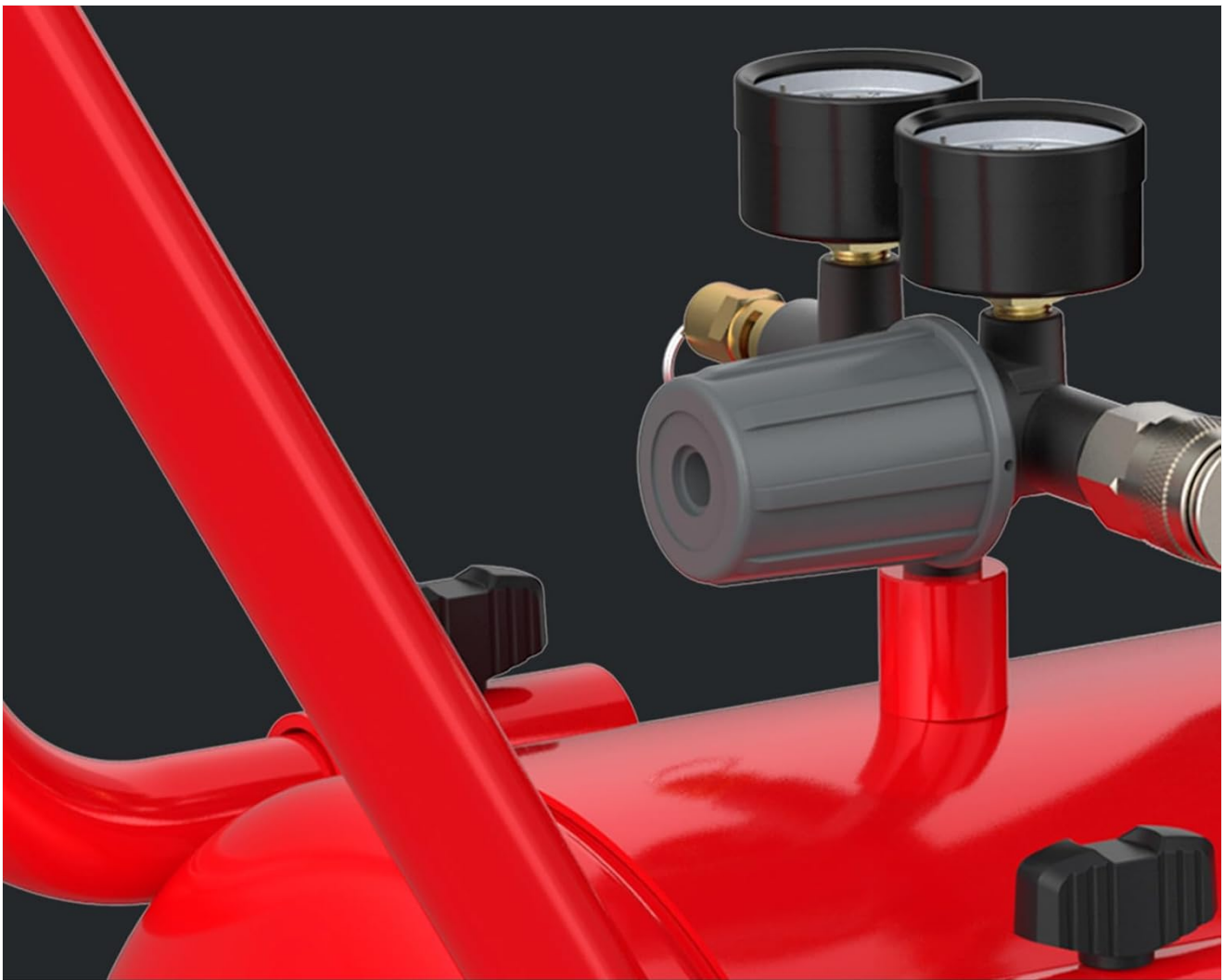


**8.0 GAL**

\* Tested per ISO 1217

Figure 3.1: Overall view of the CRAFTSMAN 8 Gallon Air Compressor, highlighting its main components such as the large regulator knob, quick-connect coupler, removable handle, rubber wheels, rubber feet, and air tank drain valve.

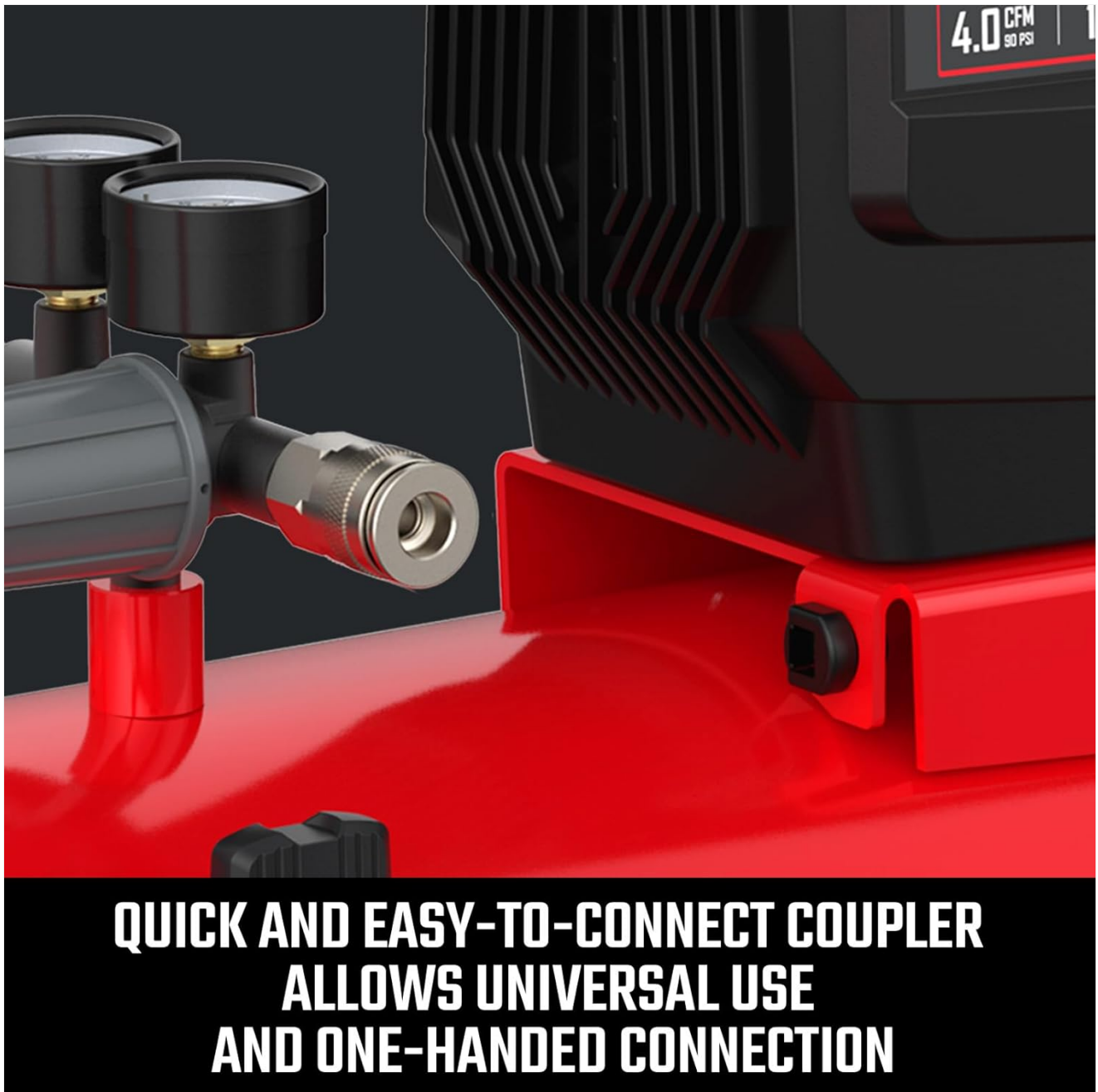
### Large Regulator Knob



## **LARGE REGULATOR KNOB FOR EASY OPERATION**

**Figure 3.2:** The large regulator knob is designed for easy and precise adjustment of the output air pressure.

### **Quick and Easy-to-Connect Coupler**



**Figure 3.3:** This coupler allows for universal use and convenient one-handed connection of air tools and hoses.

#### **Removable Handle**

The handle can be removed to accommodate various storage and transportation needs, enhancing portability.

#### **Rubber Wheels**



**Figure 3.4:** Durable rubber wheels facilitate easy transport of the compressor around your workspace.

### **Rubber Feet**



## **RUBBER FEET REDUCE VIBRATION AND INCREASE STABILITY**

Figure 3.5: Rubber feet are integrated to reduce vibration during operation and increase overall stability.

### **Air Tank Drain Valve**



## AIR TANK DRAIN VALVE REMOVES MOISTURE FROM AIR TANK

**Figure 3.6:** The drain valve is located at the bottom of the tank to remove accumulated moisture, preventing rust and extending tank life.

### 4. SETUP

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Follow these steps for initial setup before first use.

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Handle and Wheel Assembly:** Attach the handle and wheels if they are not pre-assembled. Refer to the included assembly diagram for specific instructions.
3. **Placement:** Position the compressor on a firm, level surface in a clean, well-ventilated area. Ensure adequate space around the unit for air circulation.
4. **Power Connection:** Connect the power cord to a grounded 120 Volt AC electrical outlet. Ensure the circuit can handle the compressor's power requirements.

### 5. OPERATING INSTRUCTIONS

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Learn how to safely operate your air compressor.

1. **Power On:** Turn the power switch to the 'ON' position. The compressor will begin to build pressure.
2. **Adjust Pressure:** Once the tank is full and the compressor stops, connect your air hose and tool to the quick-connect coupler. Use the large regulator knob to adjust the output pressure to the recommended setting for your specific tool.
3. **Using Air Tools:** Operate your air tool as per its manufacturer's instructions. The compressor will cycle on and off automatically to maintain tank pressure.
4. **Power Off:** When finished, turn the power switch to the 'OFF' position.
5. **Depressurize:** Before disconnecting any hoses or tools, release all air pressure from the tank by opening the drain valve or using an air tool until the tank is empty.

## 6. MAINTENANCE

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

- **Drain Air Tank:** Daily or after each use, drain moisture from the air tank using the drain valve. This prevents rust and corrosion.
- **Oil-Free Pump:** This compressor features an oil-free pump, eliminating the need for oil changes.
- **Clean Air Filter:** Periodically inspect and clean the air intake filter. A clogged filter can reduce performance.
- **Inspect Hoses and Connections:** Regularly check all hoses, fittings, and connections for wear, damage, or leaks. Replace any damaged components immediately.
- **General Cleaning:** Keep the exterior of the compressor clean and free of dust and debris.

## 7. TROUBLESHOOTING

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Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Compressor does not start	No power; tripped circuit breaker; faulty switch	Check power connection; reset breaker; contact service if switch is faulty.
Compressor runs continuously or frequently	Air leak; excessive air usage; pressure switch malfunction	Check for leaks with soapy water; reduce air tool usage; contact service for switch issues.
Low air pressure	Regulator set too low; air leak; clogged air filter	Adjust regulator; check for leaks; clean/replace air filter.
Excessive noise or vibration	Loose components; uneven surface; worn parts	Tighten fasteners; place on level surface; contact service for worn parts.

## 8. SPECIFICATIONS

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Key technical specifications for the CRAFTSMAN Air Compressor.

**Brand:** CRAFTSMAN

**Model Number:** CMXECXA0200842

**Capacity:** 8 Gallons

**Maximum Pressure:** 150 PSI

**Maximum Power:** 1.8 Horsepower

**Air Flow Capacity:** 5 Cubic Feet Per Minute (CFM)

**Voltage:** 120 Volts

**Noise Level:** 87 Decibels

**Power Source:** Corded Electric

**Item Weight:** 24.9 Pounds

**Dimensions (L x W x H):** 65.5L x 27.9W x 61.2H Centimetres

**Material Type:** Metal

**Special Feature:** Heavy Duty, Portable, Oil-Free

## 9. WARRANTY INFORMATION

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For specific warranty details, please refer to the warranty card included with your product or visit the official CRAFTSMAN website. Generally, CRAFTSMAN products come with a limited warranty covering defects in material and workmanship under normal use.

## 10. SUPPORT

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If you require further assistance or have questions not covered in this manual, please contact CRAFTSMAN customer support. You can find contact information on the official CRAFTSMAN website or through your product's documentation. Visit the [CRAFTSMAN Store](#) for more products and information.