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> Werther PC106/115V Ultra-Quiet Oilless Air Compressor Instruction Manual

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1. INTRODUCTION

Thank you for choosing the Werther PC106/115V Ultra-Quiet Oilless 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 retain it for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent personal injury or damage to the equipment:

- Ensure the compressor is placed on a stable, level surface to prevent tipping.
- Operate the compressor in a well-ventilated area.
- Do not expose the compressor to rain or wet conditions.
- Always wear appropriate personal protective equipment, such as safety glasses, when operating the compressor or pneumatic tools.
- Before performing any maintenance, disconnect the compressor from the power source and ensure all pressure is relieved from the tank.
- Do not attempt to modify the compressor or its components. Use only genuine replacement parts.
- Keep children and unauthorized personnel away from the operating compressor.

3. PRODUCT COMPONENTS

The Werther PC106/115V Ultra-Quiet Oilless Air Compressor includes the following main components:

- Air Compressor Unit
- Filters
- Pressure Gauge(s)

Refer to the image below for a visual representation of the compressor and its key features.



This image displays the Werther PC106/115V Ultra-Quiet Oilless Air Compressor. It features a white and black casing, a top-mounted carrying handle, two pressure gauges, a red pressure adjustment knob, and small wheels for portability. A yellow warning label is visible on the side.

4. SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Placement:** Position the compressor on a firm, level surface in a clean, dry, and well-ventilated area. Ensure adequate space around the unit for air circulation.
3. **Power Connection:** Connect the compressor to a grounded 115 VAC power outlet. Ensure the power supply matches the compressor's voltage requirements.
4. **Initial Check:** Before first use, ensure all connections are secure and the drain valve at the bottom of the tank is closed.

5. OPERATING INSTRUCTIONS

1. **Power On:** Plug the compressor into a suitable power outlet. The compressor will begin to build pressure.
2. **Pressure Regulation:** The pressure switch automatically operates between 90 psi and 120 psi. The compressor will turn on when the tank pressure drops to 90 psi and turn off when it reaches 120 psi.
3. **Connecting Tools:** Attach your pneumatic tool or accessory to the 1/4 inch NPT(F) port. Adjust the output pressure using the regulator knob if your application requires a specific pressure lower than the tank pressure.
4. **Power Off:** To turn off the compressor, unplug it from the power outlet.
5. **Relieving Pressure:** After use, always relieve any remaining air pressure from the tank by opening the drain valve or using an air tool until the tank is empty.

6. MAINTENANCE

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

- **Drain Tank:** Daily or after each use, drain condensation from the air tank by opening the drain valve. This prevents rust and corrosion inside the tank.
- **Clean Filters:** Periodically inspect and clean or replace the air intake filters to ensure proper airflow and prevent dust from entering the pump.
- **Check Connections:** Regularly check all hoses, fittings, and electrical connections for leaks or damage. Tighten or replace as necessary.
- **General Cleaning:** Keep the exterior of the compressor clean and free of dust and debris.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start	No power supply Thermal overload activated	Check power cord and outlet Allow motor to cool, then reset
Low air pressure or continuous running	Air leak Clogged air filter Excessive air demand	Check connections and hoses for leaks Clean or replace air filter Reduce air consumption or use a larger compressor
Excessive noise or vibration	Loose components Unstable surface	Inspect and tighten all fasteners Place compressor on a stable, level surface

8. SPECIFICATIONS

Feature	Specification
Model	PC106/115V
Tank Size	1.57 gallons (5.94 liters)
Free Air Capacity	1.9 cfm (53.8 LPM)
Power VAC	115 VAC
Power Amps	7.8 Amps

Feature	Specification
Power Hz	50/60 Hz
Motor	0.8 hp
Max Pressure	120 psi (8 bar)
Pressure Switch Operation	90 - 120 psi
Noise Level	30 dB
Duty Cycle	Continuous
Port Size	1/4 inch NPT(F)
Product Dimensions (L x W x H)	24 x 13.375 x 22.375 inches (60.96 x 33.97 x 56.83 cm)
Shipping Weight	70 lbs (31.8 kg)
Max Temperature	150°F (66°C)
Wetted Parts	316 Stainless Steel, 316 Stainless Steel, Aluminum

9. WARRANTY INFORMATION

This Werther PC106/115V Ultra-Quiet Oilless Air Compressor comes with a **2-Year Universal Guarantee**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation provided with your product or contact customer support.

10. CUSTOMER SUPPORT

For technical assistance, spare parts, or warranty inquiries, please contact Cole-Parmer customer support. Have your product model number (PC106/115V) and serial number (if applicable) ready when contacting support.

Visit the official Cole-Parmer website for contact information and additional resources: www.coleparmer.com