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› Air Supply Cyclone Pro Air Blower Instruction Manual

Air Supply 1-4128100p

Air Supply Cyclone Pro Air Blower Instruction Manual

Model: 1-4128100p

1. PRODUCT OVERVIEW

The Air Supply Cyclone Pro is a powerful 3.0 hp air blower designed for various applications, including pool winterization and pulling back pool liners. It features a robust 2-stage motor capable of generating 140 CFM on open flow and a sealed pressure of 180 inches of water.

Key features include:

- Powerful 2-stage motor: 140 CFM open flow, 180 inches H2O sealed pressure.
- Suitable for winterizing pools up to 9 feet deep.
- 20 amp water-resistant on/off rocker switch.
- 6-foot grounded power cord.
- Long-life bypass motor rated at 14.0 amps at 120 volts.
- Integrated handle and rubber feet for stability.
- Redesigned compact housing with dual-sized inlet (4.0-inch hose or 2.0-inch PVC pipe).
- Protective stainless steel screen on the inlet to prevent debris.
- 1.5-inch threaded outlet fitting for various PVC connections.



Figure 1: Front and side view of the Air Supply Cyclone Pro Air Blower, showing the orange housing, handle, power cord, and the 1.5-inch threaded outlet fitting.

2. SAFETY INSTRUCTIONS

WARNING: Read all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Intended Use:** This blower is designed exclusively for handling clean air. It is not designed for water pickup or any liquids. Using it for liquids can cause electric shock or damage to the unit.
- **Electrical Connection:** Always operate the blower using a properly grounded 3-wire conductor cord. Connect the unit only to a Ground Fault Circuit Interrupter (GFCI) protected receptacle. Do not bypass or modify the grounded plug.
- **Power Supply:** Ensure the power supply voltage matches the rating specified on the blower's label (120 volts).
- **Avoid Wet Conditions:** Do not operate the blower in rain, wet conditions, or near standing water. Keep the unit dry.
- **Ventilation:** Ensure adequate ventilation around the blower during operation to prevent overheating. Do not block air intake or exhaust ports.
- **Debris:** The inlet has a protective screen. Regularly check and clear any debris from the screen to maintain optimal performance and prevent damage.
- **Children and Bystanders:** Keep children and bystanders away while operating the blower.
- **Storage:** Store the blower in a dry, secure location out of reach of children when not in use.



Figure 2: Close-up view of the product label on the Air Supply Cyclone Pro Air Blower, detailing model number, electrical specifications, and safety warnings.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Air Supply Cyclone Pro Air Blower Unit
- 1.5-inch Hose Fitting

Note: A 4.0-inch vacuum liner hose (Part number: 4128100p) is sold separately and is not included in the standard package.

4. SETUP

1. **Unpacking:** Carefully remove the blower from its packaging. Inspect the unit for any signs of damage during shipping. Do not operate if damaged.
2. **Hose Connection (Inlet):** The blower features a dual-sized inlet. You can connect either a 4.0-inch flexible hose or a 2.0-inch PVC pipe to the inlet for air intake. Ensure the connection is secure to prevent air leaks.
3. **Hose Connection (Outlet):** Attach the included 1.5-inch hose fitting to the threaded outlet. This fitting allows for connection to various PVC fittings or hoses as required for your application. Tighten securely.

4. **Positioning:** Place the blower on a stable, level surface. The integrated rubber feet provide stability and reduce vibration. Ensure the air intake and exhaust are clear of obstructions.
5. **Power Connection:** Plug the 6-foot grounded power cord into a standard 120-volt, 20-amp GFCI-protected electrical outlet. Ensure the outlet is properly grounded.



Figure 3: Rear and side view of the Air Supply Cyclone Pro Air Blower, highlighting the air intake with a protective screen and the power switch.

5. OPERATING INSTRUCTIONS

1. **Pre-Operation Check:** Before each use, inspect the power cord for damage, ensure all hose connections are secure, and verify that the air intake screen is clear of debris.
2. **Starting the Blower:** Locate the water-resistant on/off rocker switch. Flip the switch to the 'ON' position to start the blower.
3. **Operation:** Direct the airflow as needed for your task. For pool winterization, ensure the blower is positioned to effectively clear water from plumbing lines. For pulling back pool liners, position the blower to create the necessary vacuum.
4. **Stopping the Blower:** To turn off the blower, flip the rocker switch to the 'OFF' position.
5. **Post-Operation:** Disconnect the power cord from the outlet after use.

IMPORTANT: This blower is designed for clean air only. Do not use it to pick up water, wet leaves, or any other liquids or moist debris. Doing so will void the warranty and may cause severe damage to the unit or electrical hazard.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Cyclone Pro Air Blower.

- **Cleaning:** Periodically wipe down the exterior of the blower with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is unplugged before cleaning.
- **Inlet Screen:** Regularly inspect the stainless steel protective screen on the air inlet. Remove any accumulated dust, leaves, or other debris to maintain proper airflow and prevent motor strain.
- **Cord Inspection:** Routinely check the power cord for cuts, fraying, or other damage. If the cord is damaged, discontinue use immediately and contact a qualified service technician.
- **Storage:** When not in use, store the blower in a clean, dry environment, away from extreme temperatures and direct sunlight. Coil the power cord neatly to prevent kinks or damage.

7. TROUBLESHOOTING

If you encounter issues with your Cyclone Pro Air Blower, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Blower does not start	No power to the outlet Power cord damaged GFCI tripped Switch in 'OFF' position	Check power supply and circuit breaker Inspect cord for damage; do not use if damaged Reset GFCI outlet Ensure switch is in 'ON' position
Reduced airflow/performance	Blocked air inlet screen Loose hose connections Obstruction in hose/outlet	Clean debris from inlet screen Secure all hose connections Check hoses and outlet for blockages
Unusual noise or vibration	Loose components Debris inside unit Unit not on a stable surface	Turn off and unplug; inspect for loose parts (if safe) Discontinue use and contact support if debris is suspected inside Place on a firm, level surface

If the problem persists after attempting these solutions, contact customer support.

8. SPECIFICATIONS

Specification	Detail
Model Number	1-4128100p
Brand	Air Supply
Motor Horsepower	3.0 hp
Voltage	120 volts
Amperage	14.0 amps (rated), 13.5 amps (from label)
Motor Stages	2-stage
Open Flow	140 CFM

Specification	Detail
Sealed Pressure	180 inches H2O
Power Source	Corded Electric
Item Weight	14 pounds
UPC	752830346338
Manufacturer	Air Supply of the Future, Inc.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please contact the manufacturer directly.

Manufacturer: Air Supply of the Future, Inc.

Contact Information: Please refer to the product packaging or the manufacturer's official website for current contact details.