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> AquaPro 1800 GPH Cover Pump APC4000A Instruction Manual

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Model: APC4000A | Brand: AQUAPRO

1. INTRODUCTION

Thank you for choosing the AquaPro 1800 GPH Cover Pump, model APC4000A. This automatic submersible pump is designed for efficient removal of standing water from pool covers, tarps, and other flat surfaces. Its robust construction and automatic operation ensure reliable performance, helping to protect your pool cover from excessive weight and potential damage.



Image 1: The AquaPro 1800 GPH Cover Pump APC4000A, featuring its compact design and power cord.

2. SAFETY INFORMATION

- Always disconnect the pump from the power source before handling, cleaning, or performing any maintenance.
- Ensure the power cord and plug are in good condition. Do not use if damaged.
- Use only with a grounded electrical outlet.
- Do not operate the pump in freezing temperatures unless specifically designed for such conditions, as this can cause damage.
- Keep children and pets away from the pump during operation.
- Do not use the pump to remove flammable or corrosive liquids.

3. PACKAGE CONTENTS

The AquaPro 1800 GPH Cover Pump APC4000A package includes:

- AquaPro APC4000A Automatic Cover Pump
- Hose adapter for standard garden hoses

4. SPECIFICATIONS

Feature	Detail
Brand	AQUAPRO
Model	APC4000A
Flow Rate	Up to 1800 GPH (Gallons Per Hour)
Horsepower	1/4 HP
Power Source	Corded Electric
Voltage	115V
Material	Brass, Stainless Steel
Item Weight	12.7 Pounds
Product Dimensions	13 x 13 x 10 inches
Power Cord Length	25 feet
Automatic Shut-off	Yes

5. SETUP

1. **Attach Discharge Hose:** Connect a standard garden hose (not included) to the pump's discharge port. Ensure a tight connection to prevent leaks.



Image 2: Close-up view of the pump's discharge port, showing where a standard garden hose can be attached.

2. **Position the Pump:** Place the pump directly on the center of your pool cover or the lowest point where water collects. The weighted base helps keep it stable.
3. **Route the Hose:** Extend the discharge hose away from the pool, directing the water to a suitable drainage area such as a flower bed or storm drain.
4. **Connect to Power:** Plug the pump's 25-foot power cord into a grounded 115V outdoor electrical outlet. The pump is now ready for automatic operation.

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Video 1: Demonstrates the setup process of a pool cover pump, including hose attachment and placement on the pool cover.

6. OPERATING INSTRUCTIONS

The AquaPro APC4000A pump features automatic operation. Once plugged in and placed on the pool cover, it will activate when the water level reaches approximately 2 inches and will continue to pump until the water level drops to about 3/4 of an inch, then automatically shut off.

- The pump's strainer base is designed to prevent clogging from leaves and debris, ensuring continuous operation.
- The pump is capable of moving up to 1800 gallons per hour, quickly clearing water from your pool cover.



Image 3: The AquaPro pump actively removing water from a pool cover, demonstrating its automatic operation.

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Video 2: Highlights the features and benefits of a pool cover pump, emphasizing its ease of use and effectiveness in removing standing water.

7. MAINTENANCE

- **Regular Cleaning:** Periodically inspect and clean the pump's strainer base to remove any accumulated leaves, twigs, or other debris. This ensures optimal performance and prevents clogging.



Image 4: View of the pump's underside, illustrating the strainer base design for debris filtration.

- **Winter Storage:** Before storing the pump for winter, ensure it is thoroughly cleaned and completely dry. Store in a dry, frost-free location.
- **Hose Inspection:** Check the discharge hose for any cracks, kinks, or blockages before and after each use.

8. TROUBLESHOOTING

- **Pump Not Starting:**

- Check if the pump is properly plugged into a grounded outlet.
- Ensure there is sufficient water (at least 2 inches) on the cover for automatic activation.
- Inspect the power cord for damage.

- **Low Flow or No Water Discharge:**

- Clean the strainer base to remove any debris that might be blocking the intake.
- Check the discharge hose for kinks or blockages.
- Ensure the pump is fully submerged in water.

- **Pump Runs Continuously:**

- Verify that the water level is above the automatic shut-off threshold. If not, the sensor might be obstructed or faulty.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact AQUAPRO customer service. Refer to your purchase documentation for specific warranty terms and contact details.