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Scott Aerator Aquasweep with Oscillator, 1 HP, 115V (100ft Cord)

Scott Aerator Aquasweep with Oscillator Instruction Manual

Model: Aquasweep with Oscillator, 1 HP, 115V (100ft Cord)
Brand: Scott Aerator

INTRODUCTION

The Scott Aerator Aquasweep with Oscillator is a powerful and versatile aquatic device designed to maintain clean and healthy waterfronts. This 1 Horse Power, 115V unit with a 100ft cord is engineered to effectively move muck, silt, weeds, and decaying debris away from docks, canals, beaches, and shorelines. Its oscillating feature allows for broad coverage, making it an ideal solution for comprehensive water management.

Proudly made in the USA, the Aquasweep is built with heavy-duty stainless steel construction, ensuring durability and suitability for both fresh and marine environments. This manual provides essential information for the safe and efficient setup, operation, and maintenance of your Aquasweep system.



scott aerator



Designed for both fresh & salt water



The Aquasweep fully adjusts in any direction.



Aquasweep improve your pond water quality



Proudly made in the USA!




Image: Key features of the Scott Aerator Aquasweep, highlighting its adaptability to fresh and saltwater, adjustable direction, water quality improvement, and USA manufacturing.

SAFETY INFORMATION

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

- Always disconnect power before installing, servicing, or moving the unit.
- Do not operate the unit if the power cord is damaged. Contact Scott Aerator for replacement.
- Ensure the unit is properly grounded according to local electrical codes.
- Keep hands, feet, and loose clothing away from the propeller when the unit is powered.
- Do not use the unit in swimming areas or where people are present in the water.
- This product is designed for water use only. Do not operate on dry land.
- Use only Scott Aerator approved parts and accessories.

COMPONENTS

Your Scott Aerator Aquasweep with Oscillator package includes the following main components:

- Aquasweep Motor Unit with Propeller Guard
- Dock Mount Assembly (heavy-duty stainless steel dock plate, pipe, and yoke)
- Oscillator Mechanism
- 100ft Submersible Power Cord
- Mounting Hardware



Image: The complete Scott Aerator Aquasweep unit, illustrating the motor, propeller guard, dock mount, and power cord.

SETUP AND INSTALLATION



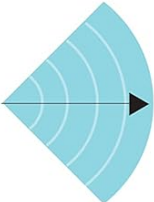
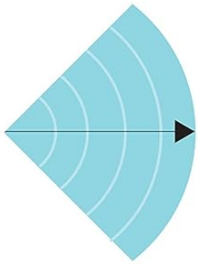
The Aquasweep is designed for quick and easy mounting to almost any type of dock. Follow these steps for proper installation:

1. **Choose Location:** Select a location on your dock where the Aquasweep can effectively direct water flow to clear muck and debris. Ensure there is sufficient depth for the unit to operate submerged.
2. **Assemble Dock Mount:** Attach the stainless steel dock plate to your dock using the provided mounting hardware. Ensure it is securely fastened to a stable part of the dock structure.
3. **Attach Aquasweep Unit:** Slide the Aquasweep motor unit's shaft into the yoke assembly of the dock mount. Secure it with the appropriate pins or bolts, allowing for vertical adjustment.
4. **Adjust Depth:** Adjust the vertical position of the Aquasweep so that the propeller is fully submerged and positioned to achieve optimal muck blasting or water circulation. The unit can be easily adjusted to different water levels.
5. **Connect Power:** Route the 100ft power cord safely to a grounded 115V power outlet. Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI) for safety. Do not plug in the unit until all other setup steps are complete.
6. **Verify Cable Requirements:** Refer to the cable and voltage requirements table to ensure your electrical setup is adequate for the 1 HP, 115V motor and 100ft cord.



Image: The Aquasweep unit mounted to a dock, demonstrating its submerged operation in a body of water.

Determine your motor, cable and voltage requirements

Effective Flow Needed	Distance to Main Breaker	Cable Required	Motor/Voltage Required
40 ft 	up to 160 ft 161-250 ft 251-390 ft	12 AWG 10 AWG 8 AWG	1/3 HP 115v 8 Amp
	up to 650 ft 651-1020 ft 1021-1610 ft	12 AWG 10 AWG 8 AWG	1/3 HP 230v 4 Amp
50 ft 	up to 160 ft 161-250 ft 251-390 ft	12 AWG 10 AWG 8 AWG	1/2 HP 115v 10 Amp
	up to 650 ft 651-1020 ft 1021-1610 ft	12 AWG 10 AWG 8 AWG	1/2 HP 230v 5 Amp
60 ft 	up to 125 ft 126-200 ft 201-300 ft	12 AWG 10 AWG 8 AWG	3/4 HP 115v 10.7 Amp
	up to 480 ft 481-760 ft 761-1200 ft	12 AWG 10 AWG 8 AWG	3/4 HP 230v 6.8 Amp
75 ft 	up to 100 ft 101-150 ft 151-225 ft	12 AWG 10 AWG 8 AWG	1 HP 115v 11.5 Amp
	up to 400 ft 401-630 ft 630-990 ft	12 AWG 10 AWG 8 AWG	1 HP 230v 8.2 Amp

Heavier gauge cables available for longer distances

Image: A detailed table outlining the necessary motor horsepower, cable gauge (AWG), and voltage/ampereage based on the effective flow distance required for the Aquasweep.

OPERATING INSTRUCTIONS

Once installed and powered, the Aquasweep is ready for operation. The oscillating feature provides broad coverage.

- **Power On:** Plug the unit into the GFCI-protected 115V outlet. The unit will begin operating immediately.
- **Oscillator Function:** The integrated oscillator is programmable to cover up to 360 degrees of water frontage. Refer to the oscillator's specific controls (if external) or allow it to cycle through its pre-programmed motion. This feature helps to clear a wider area of muck and debris.
- **Directional Adjustment:** The Aquasweep can be manually adjusted in any direction to target specific areas for muck removal or water circulation. Loosen the mounting hardware, pivot the unit to the desired angle, and re-tighten securely.
- **Monitoring Performance:** Observe the water flow and muck displacement. The 1 HP motor is designed to move muck and debris 75+ feet away.

- **Power Off:** To stop operation, simply unplug the unit from the power outlet.

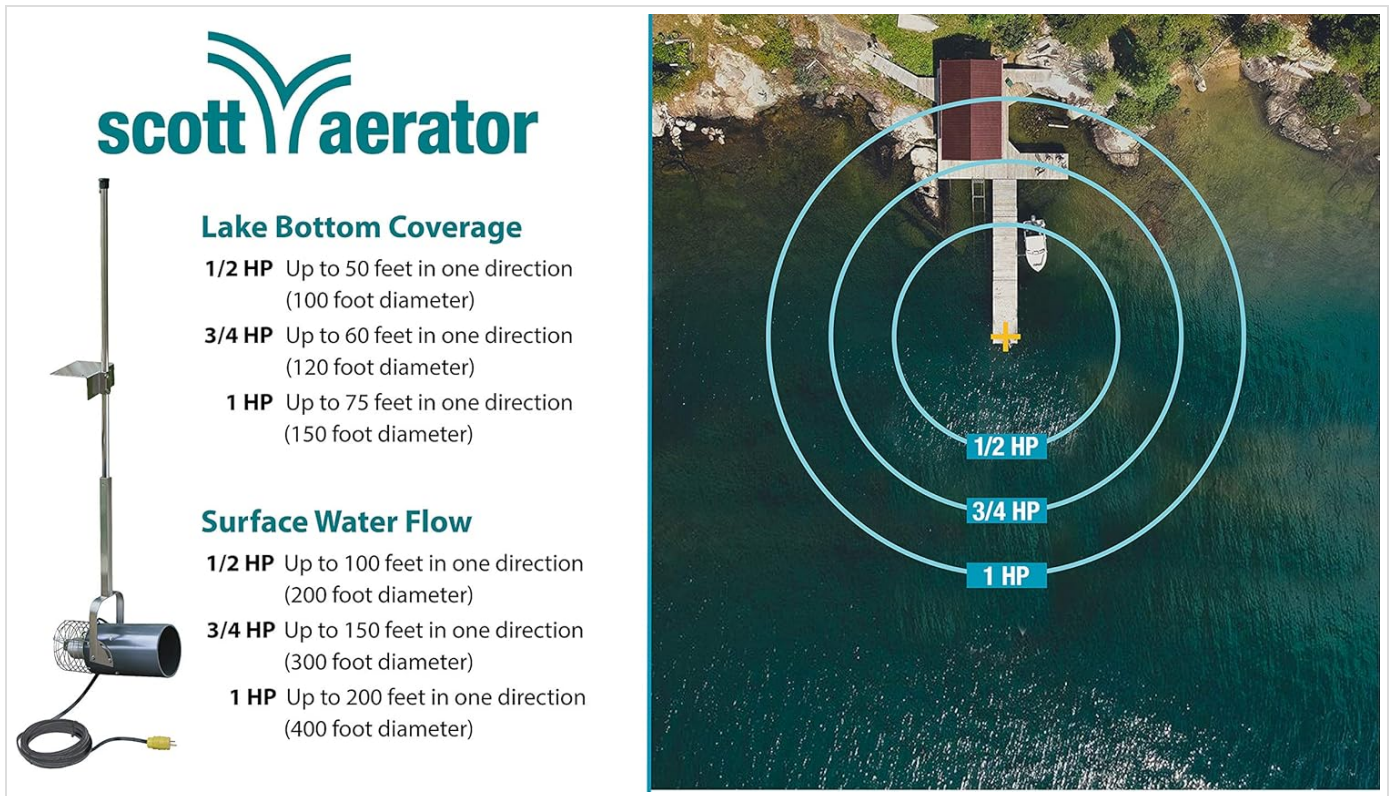


Image: An illustration detailing the effective coverage areas for lake bottom muck removal and surface water flow, based on the horsepower of the Aquasweep unit.



Image: A submerged view of the Aquasweep's thruster, highlighting its robust propeller and protective guard designed for underwater operation.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Aquasweep.

- **Regular Inspection:** Periodically inspect the power cord for any signs of damage, fraying, or cuts. Check the propeller for any debris entanglement (weeds, fishing line, etc.).
- **Cleaning:** Disconnect power before cleaning. Remove any accumulated debris from the propeller guard and propeller. A brush can be used to clean the exterior of the motor unit.
- **Winter Storage:** In freezing climates, remove the Aquasweep from the water before the first freeze. Clean the unit thoroughly and store it in a dry, protected area where temperatures remain above freezing.
- **Professional Service:** For any internal motor issues or significant damage, contact Scott Aerator customer support. Do not attempt to open the sealed motor housing.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power, tripped GFCI, damaged cord.	Check power outlet, reset GFCI, inspect cord for damage.
Reduced water flow/muck movement.	Propeller fouled with debris, unit not fully submerged, incorrect angle.	Disconnect power and clear propeller, adjust unit depth, adjust angle.
Unit makes unusual noise.	Debris in propeller, motor issue.	Disconnect power and clear propeller. If noise persists, contact support.
Oscillator not moving.	Obstruction, electrical issue with oscillator.	Check for obstructions around the oscillator mechanism. Contact support if issue persists.

SPECIFICATIONS

- **Model:** Aquasweep with Oscillator
- **Horse Power:** 1 HP
- **Voltage:** 115V
- **Power Source:** Corded Electric
- **Cord Length:** 100ft
- **Material:** Stainless Steel
- **Style:** Submersible
- **Maximum Flow Rate:** 400 Gallons Per Minute (approximate)
- **Item Weight:** 95 pounds
- **Package Dimensions:** 70 x 16 x 16 inches
- **UPC:** 810060310502
- **Manufacturer:** Scott Aerator

WARRANTY AND SUPPORT

The Scott Aerator Aquasweep comes with a **5-Year Motor Warranty**, which is among the best in the pump industry. This warranty covers defects in materials and workmanship for the motor unit under normal use and service.

For warranty claims, technical support, or replacement parts, please contact Scott Aerator directly. Ensure you have your product model and purchase information available when contacting support.

Contact Information:

Visit the official Scott Aerator website for the most current contact details.

Refer to your purchase documentation for specific customer service numbers or email addresses.

For additional information and resources, you may visit the Scott Aerator Store on Amazon.

