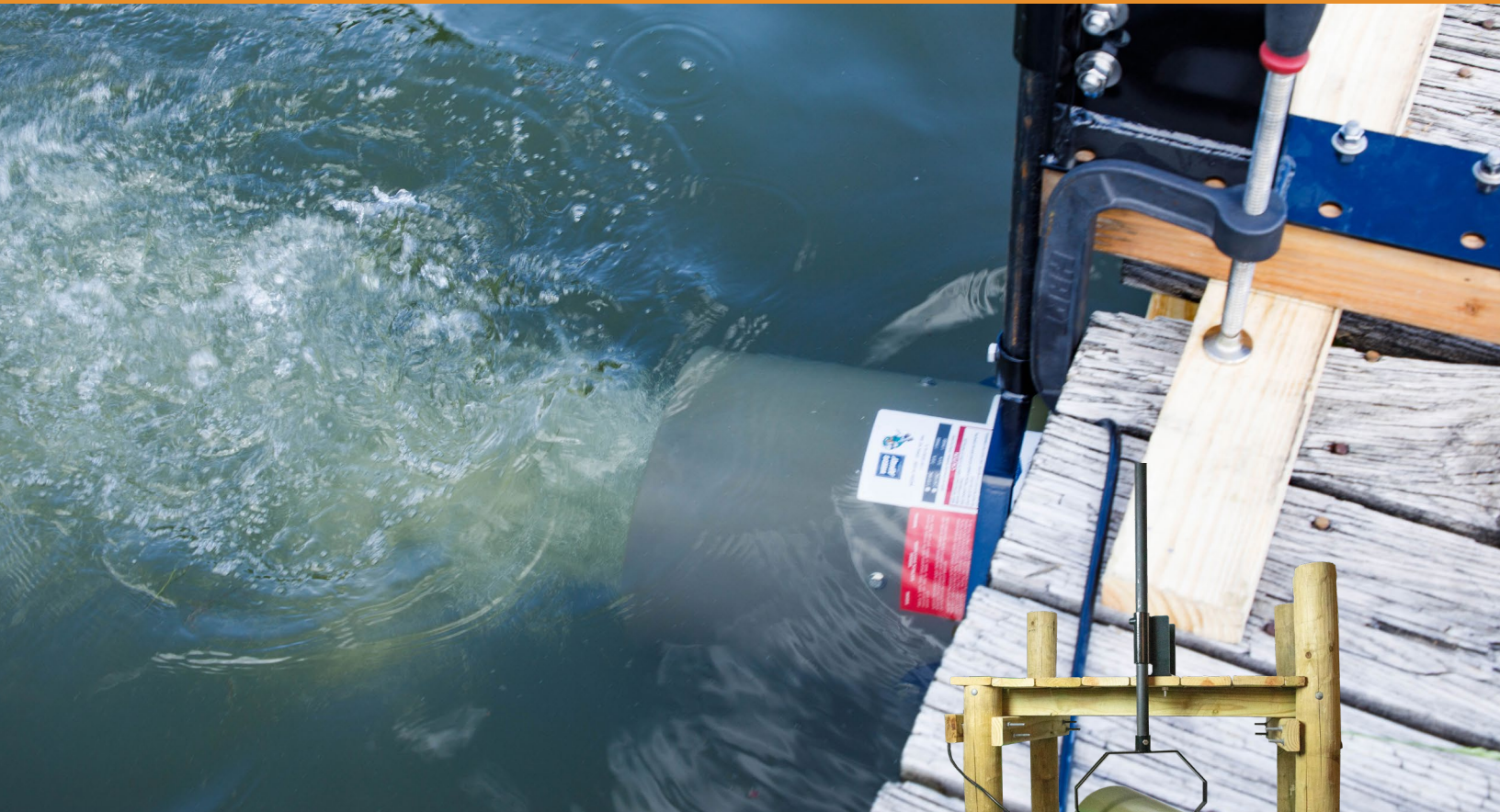




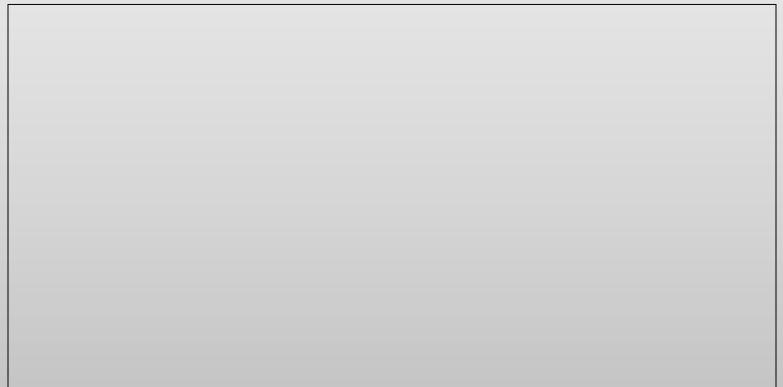
## WEEDS AWAY



PLEASE READ ENTIRELY BEFORE OPERATING

**AIRMAX<sup>®</sup>**

- ☐ W750 - Weeds Away
- ☐ W1000 - Weeds Away



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**WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects, or other reproductive harm.**



WARNING WARNING WARNING WARNING WARNING WARNING WARNING

# SPECIFICATION

Weeds Away is designed to create a continuous current of water. This current will, like a natural water current, move weeds, muck, silt, and suspended debris away from wherever it is pointed. This could be your swimming area, dock, marina or pier. Point the blower up toward the surface of the water and turn it into an aerator. The current created by the blower also prevents fine silt and sediment particles from settling near your swimming area, marina or near your dock which ultimately forms muck. It comes with a quick disconnect power cord and a dock mount kit ((1" x 6' steel pole & mounting bolts not included). Energy efficient, simple installation and customer friendly.

## QUICK FACTS

- 70'(W750) & 100'(W1000) are the average water push under normal conditions.
- Complete package includes assembled motor unit, shroud, dock mount and SJTOW rated 3 wire power cord and Sacrificial Aluminum Anode.
- Sacrificial Aluminum Anode installed for corrosion protection and use in salt-water applications.
- Available in 115V or 230V.
- Able to operate in water as shallow as 24" (41cm).
- 15 Amp Breaker Recommended.
- Total Component Listed to meet UL and CSA Standards for Safety in Water.
- UL Listed Water Circulating Pump E481181.
- Met Listing No. E112360.
- Energy efficient with excellent Gallons per Minute (GPM)/kW Rates.
- Industrial Strength Design.
- **2-Year Warranty.**
- Built in the USA.

## WARNING

**Discontinue use and remove from water when water is below freezing temperatures (32F/0C). Do not run the unit out of water. Ground Fault Circuit Interrupter (GFCI) or Residual Current Device (RCD) protected circuit required.**

## STATISTICS BY HORSEPOWER

- W750 Weeds Away; .75 HP; Single Phase; 6.3amps (115V) /2.35amps (230V); pushes water approximately 70ft.
- W1000 Weeds Away; 1 HP; Single Phase; 7amps (115V) /3.5amps (230V); pushes water approximately 100ft.

## ALL MOTORS

- 1,650 Rotations per Minute (RPM).
- 24 pounds of thrust.
- Fluid Cooled, Continuous Duty Rated.
- (2) Long Life Bearings.
- Thermal Overload Protection.
- Fully Utilized Heavy Duty Carbon Ceramic Mechanical Seal.
- Series 300 Austenitic Stainless Housing with Magnesium Bronze End-Bell.

## SHROUD

- Heavy-duty PVC housing designed for superior water flow and motor/propeller protection.
- Series 300 Stainless Steel Hardware.

## DOCK MOUNT

- Adjusts the Weeds Away angle in 20 degree increments from horizontal to vertical with full 360 degree positioning.
- Steel mounting base, bail & pipe holder are all powder-coated twice to protect against corrosion.
- Maximum pipe length is 6' to provide secure mounting & prevents pole from bending (Pipe & Mounting Hardware not included).

## POWER CABLE

- SJTOW UL & CSA Approved Underwater Rated Cable, 3 Wire.
- Available in 50', 100', and 150' in 115V with Quick Disconnect Power Cord.
- Available in 50', 100', 150', 200', 250', 300', 350', 400' in 230V with Quick Disconnect Power Cord.
- Other cord lengths are available through special order but will not have a Quick Disconnect Power Cord.
- Potted Quick Disconnect Gauge Cord.
- 16/3 gauge for 25', 50', and 100' long.
- 14/3 gauge for 150', 200' and longer.

## OPTIONAL THERMOSTAT

- Simple and easy to use. Plug in the portable thermostat into the wall outlet and then plug an Weeds Away into the back of the thermostat's piggyback plug and set the temperature.
- Not affected by surges and lightning strikes or power outages like a digital thermostat.
- Convenient flip open clear cover protects from weather and damage.
- Moisture proof box.
- Made in the USA.

## OPTIONAL TIMER

- Outdoor grade plastic.
- Timer: 24-hour with 23-1/2 hour maximum on time. (2) "ON" & (2) "OFF" trippers – standard.
- Dial will accept up to 12 sets of trippers.
- Electrical Rating: 15 A (1800 W), Resistive or Tungsten.
- Agency Approval: CSA/C-US.
- Outdoor grade cord with ground plug, 3 wire, 22 inches.



# INSTALLATION & OPERATION

## INSTALLATION

1. Immediately after delivery, inspect the Weeds Away shipment for any visible damages. Report any damage to your dealer.
2. You will need additional hardware to install the dock mount.
3. Install the Weeds Away by first assembling the dock mount. (See instruction on the right)
4. Weeds Away should be hung from a dock or pier.
5. Place Weeds Away at a depth which produces best results for each specific location (2 - 3 feet is a good average operating depth).

**WARNING: Do not place Weeds Away on the bottom. Make sure to maintain at least 1' clearance from the bottom.**

6. Once your Weeds Away is properly installed and secured, you can now plug the electrical cord into properly grounded and GFCI protected circuit. Make sure to plug into corresponding 115 or 230 volt receptacle and proper voltage is available at the unit's motor.

**WARNING: When an extension cord is used, it must be sized as follows:**

**Up to 100ft. - Use #12/3 wire cord.**

**Up to 200ft. - Use #10/3 wire cord.**

**WARNING: Do not run multiple items on the same circuit as the Weeds Away. Operating on the same circuit may lead to voltage drop, overheating or damage to the motor.**

## OPERATION

- After installation, the Weeds Away is ready for immediate use.
- The Weeds Away is designed and engineered for continuous duty in the harshest environments.
- Operating equipment should be observed on a regular basis for any reduction or variation in the Weeds Away performance.
- Routinely inspect the sacrificial anode, propeller, etc.
- Replace parts as necessary.

**WARNING: Do not run out of water. Unit must be submerged. Keep hands clear.**

- A timer is available as an additional accessory. This will greatly reduce the amount of energy consumed by the Weeds Away while still maintaining clean and clear conditions.

- The Airmax Dock Mount is the premium option to consider for positioning your Weeds Away. The Dock Mount gives you control from the comfort of your dock. You can change the depth, direction, and angle of your Weeds Away easily with just a few turns of the tightening handle.
- Attach the bail to the shroud by placing the flat washer onto the 1/2" bolt. Slide the bolt through the holes, the head of the bolt and flat washer should be on the outside of the shroud. The lock washer and nut secure everything together on the inside of the shroud. Repeat for all 4 holes.
- Two holes need to be drilled into the pole (not included). Using a 3/8" drill bit drill a hole roughly 1" down from the top.
- Place a 2 1/4" bolt through that hole, connecting to the pole with the washer and nut. This provides a stopper if the handle is ever too loose and the pole slips.
- Using the hole in the collar as a guide, drill another 3/8" hole through the pole.
- Attach the pole and bail together with the last bolt, washer, & nut.

### Parts Included in Dock Mount Box

(1) Bail	(7) 1/2" Nut
(1) Pipe Holder	(2) 3/8" x 16" CSNA nut
(1) Tightening Handle	(1) Dock Bracket
(7) 1 1/4" Flat Washer	(7) 1/2" x 1 1/4" Bolt
(7) 1/2" Lockwasher	(2) 3/8" x 16" x 2 1/4"

### What you need to provide

- 1" galvanized or stainless steel pipe (max. length 6ft.)
- U-Bolt or Lag Screws (for securing dock mount)



# AIRMAX

# MAINTENANCE & TROUBLESHOOTING

## MAINTENANCE

- The Weeds Away motor is filled and sealed with a special non-toxic dielectric lubricating fluid and does not require additional lubrication.
- When storing your unit, clean it thoroughly and place it propeller side down in a flat, cool place. Storing propeller side down will keep the seals lubricated.
- Units placed in heavy weed or plant locations may need to have the screen and prop cleaned occasionally. Before removing or cleaning the unit, unplug or disconnect the unit from the power source. Scrub with a stiff, nylon bristle brush. The unit will not be damaged by cleaners; however, these products could leave a residue that may damage plants and animals when the unit is put back in service. If cleaners are used, flush and rinse thoroughly with fresh, clean water.
- Routinely inspect the propeller, internal brackets and shaft for accumulation of weeds, vines or string. Foreign objects can damage the seals, prop and shaft. Keep the shaft and propeller clear of debris. Inspect the brackets and propeller for chips and cracks. Broken or damaged brackets or propeller can be replaced easily in the field with factory parts.
- Inspect the power cord for breaks, nicks and abrasion. Under normal conditions, the cord will be usable for many years. However, physical abuse and rodent, animal or equipment damage can result in safety hazards such as electrical shock. If the outer jacket is cut deeply enough that the inner conductors can be seen, the cord should be replaced. If the copper wire is showing, immediately remove the unit from service and replace the cord. Severe shock could result.
- Units operated in brackish or salt water must have a sacrificial anode attached to the shaft. The anode must be inspected periodically for deterioration. Operation without the anode could result in metal deterioration and contamination and may void the warranty.
- The motor can only be opened and assembled under special conditions at the factory or authorized service center. Do not attempt to repair the motor. Any tampering or attempted repairs may void the warranty and could result in equipment failure or bodily injury.

**WARNING: Do not open the sealed motor unit for any reason.**

- For optimum operation, send the unit to the manufacturer or authorized service center every four to five years for standard service. Commercial duty operations may wish to service units more frequently.

## TROUBLESHOOTING TIPS

- 1) If unit does not start when plugged in or turned on:
  - a) Check power source to make sure that voltage is available.
  - b) Make certain the power cord connections are fully made. Check tightness at both the source end and at the unit.
  - c) See if circuit breaker is tripped or has a blown fuse. Check ground-fault interrupter. If any of these are tripped or blown, have an electrician check your installation.
  - d) Unplug unit and make certain the propeller turns freely. Turn propeller through several full revolutions.
  - e) Plug the unit back in and try to start again.
- 2) If unit starts slowly or does not have full flow:
  - a) Check power source for voltage drop or undersized service. **Do not run multiple items on the same circuit as the Weeds Away. Operating on the same circuit may lead to voltage drop, overheating or damage to the motor.**
  - b) Unplug unit and make certain that prop turns freely. Turn prop through several full revolutions. Try to start unit again.
  - c) Unplug unit and make sure there is no debris around prop or shaft.
  - d) Check screen to make sure it is clean. Algae or grass accumulation must be removed.
- 3) If unit starts and stops then starts and stops:
  - a) Check power source for voltage drop or undersized service. Unit may be overheating due to low voltage.
  - b) Unplug unit and make sure there is no debris around prop or shaft. Unit may be overheating due to overload.



# PARTS & ACCESSORIES



**Blue Propeller** - fits W750



**Green Propeller** - fits W1000



**Brackets**- (set of 4)  
**Large** - fits W750, W1000



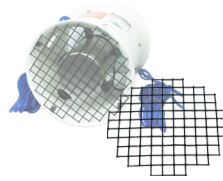
**AlMag Brackets** - Fits W750  
& W1000  
FRESH WATER ONLY



**P1101 Timer** - for 115V Weeds Away  
This grounded plug-in timer utilizes an outdoor rated raintight flip-open enclosure. (2) On and (2) Off settings make this a perfect timer to control your Weeds Away and keep your costs low.



**T104P Timer** - for 230V Weeds Away  
This heavy-duty timer stands the test of time while providing the highest horsepower ratings in the industry for industrial, commercial, and residential applications.



**Screen Kit**  
**Small** - fits W750 & W1000



**Sacrificial Anode**  
**Aluminium** - fits all models. 1 anode and 1 hex key included. protects against corrosion and electrolysis in salt water, high electrical current and/or warm water.



**Electrolysis Kit**  
**One Size** - fits all Weeds Away models. Additional protection against corrosion and electrolysis in areas of high salinity, high electrical current and/or warm waters.

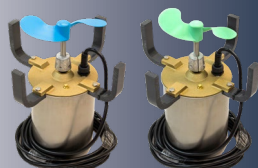


**Dock Mount** - The premium option to consider for positioning your Weeds Away. Make your placement more secure than suspension lines, and unaffected by the current.  
**Large** - fits W750 & W1000



**Weeds Away Shroud** - fits W750 & W1000

**Critter Sleeving** - sold by the foot.



Replacement power cords and motor assemblies are available for every Weeds Away model.



**AIRMAX**

# WARRANTY

Airmax, Inc., (herein called "Airmax"), warrants products to be free from defects in material and workmanship for the warranty period specified below from the date of manufacture by Airmax, under normal use and service. This limited warranty does not include defects or failures due to mishandling, misuse, improper installation, or improper electrical supply.

Airmax will replace any defective parts covered by its warranty without charge for parts or labor, provided that the full unit is returned to Airmax (or an Authorized Service Center) within thirty (30) days after discovering the defect.

**This warranty is in lieu of any other warranty, express or implied, including but not limited to, any implied warranty of merchantability or fitness for a particular purpose and any other obligation or liability whatsoever on the part of Airmax. In no event shall Airmax be liable for incidental or consequential damages.**

In addition to the product-specific limitations below, the warranty will be voided if any of the following occurs:

- Use of parts or products not manufactured by Airmax;
  - The unit is damaged or altered by unauthorized tampering and/or repairs;
  - The unit was subjected to abuse, negligence, accident, or misapplication;
  - Example: chips/nicks and deterioration in propeller size
  - The unit is not stored properly;
  - The unit was run out of water; or
  - An improper sized extension cord or circuit.
- IMPORTANT: one unit per dedicated outlet

Standard maintenance services and the replacement of service items connected with such services are covered by warranty.

Standard Service items include seals, bearings, dielectric fluid, boot & capacitor. Standard Service is only available for Ice Eater, Power House Aeration, & Weeds Away products.

All units must be shipped complete prepaid/brought to the attention of:

**Airmax, Inc.  
Attn: Service Center  
15425 Chets Way Street  
Armada, MI 48005**

OR can be shipped complete prepaid/brought to an authorized service center of Airmax.

There are no warranties beyond those contained herein, and no person is authorized to give any other warranties or assume liabilities on behalf of Airmax. An evaluation fee (see specific product for details), plus return shipping, will be charged when a unit is returned for repair and found to be in good working condition. The evaluation fee also applies for units customers decide not to repair but wish to reclaim certain parts. The evaluation fee is waived if the unit is scrapped (at Airmax) or the unit is repaired. After the original warranty period described below has ended, there is a thirty (30) day warranty period for a standard repair by Airmax. A new, full warranty is only reissued if a customer purchases a brand new motor with service.

- Warranty Period: Two (2) years from the date of manufacture by Airmax.
  - For non-standard use, the warranty period is one (1) year from the date of manufacture by Airmax.
- In areas of high salinity, high electrical current, and/or warm temperatures, an Airmax electrolysis kit must be mounted to the stainless steel can.
- In addition to the limitations above, this limited warranty does not include any defects or failures of the ropes, power cord, propeller, or brackets.
- The warranty will be voided if the sacrificial anode around the propeller, shaft, and/or stainless steel can shows significant deterioration. Failure to keep the shaft and can clear of debris (including string, bags, calcium buildup, barnacles, etc.); or the propeller/impeller shows signs of excessive or unusual wear and tear.
- Failure to inspect and clean the unit (replace anode, as needed) constitutes misuse.
- Complete units must be shipped for evaluation. Unless the dock mount is defective, we do not require the dock mount to be sent in with warranty inspections.
  - The evaluation fee is \$65.

**\*\*All units sent to Airmax or authorized repair center are considered abandoned, if not claimed, after six (6) months. Airmax is no longer responsible for such units, and units will be scrapped.\*\***



## AIRMAX