

Aqua Sub™ Cart



- Always wear personal protective equipment (goggles, gloves, etc.) to protect yourself from sulfuric acid.
- Only water after charging.
- Do not use pump in an explosive environment.
- Do not use tank to pump flammable liquids (gasoline, fuel, oil, etc.)
- Read instructions in entirety before beginning the installation.

Assembly Instructions:

1. The cart is partially assembled from the factory. Attach the handle bar and hook up the wiring to the 24 DCM battery (not included).
2. Connect the charger.
 - A. The red wire of the two-wire set coming from the pump and the red wire from the charger must be connected to the positive post on the battery.
 - B. The black wire of the two-wire set coming from the pump and the black wire from the charger must be connected to the negative post of the battery.
3. The handle bar fits into the brackets between the battery box and the tank. With the handle pointing to the rear of the cart, fasten it in place with the supplied bolts.

Operation with Direct Fill Link Instructions:

The pump on the cart is equipped with an “on-off” switch and a built in pressure switch that is factory set.

1. Fill the tank with clean or deionized water through the lid on top of the tank. Turn the pump switch on.
2. Remove dust cap on watering system and couple the male connector on the watering system with the female connector on the direct fill link.
3. Squeeze the handle on the direct fill link to begin watering. You will see the flow indicator start spinning.
4. When the flow indicator stops spinning and all indicator eyes on top of the valves rise to the top, release the handle and uncouple the connectors.
5. Disconnect the tank after watering and replace dust cap on watering system. Never leave the tank connected after watering.
6. Turn off when all batteries have been watered.

Operation with Manual Gun Instructions:

1. Fill the tank with clean or deionized water through the lid on top of the tank.
2. Remove battery caps.
3. Turn the pump switch on.
4. Squeeze the handle on the manual gun to clear any air in the hose, dispensing water back into tank until there is uninterrupted flow.
5. Insert the nozzle into the battery cell to be filled. Squeeze the trigger until the shut-off takes place. Gently tap the nozzle to prevent any drips.
6. Remove the gun from the battery. Repeat until all cells are filled.
7. When watering is complete, turn off the tank and replace battery caps.

Charging Instructions:

To charge the battery plug into a 120V power supply when the cart is not in use.

Troubleshooting:

Pump will NOT run:

1. Check inline fuse on the wires on the pump. If blown, replace with new fuse (5 Amp mini-blade fuse).
2. Make sure the on/off switch is in the “ON” position (the power switch is located on the wiring harness).
3. Make sure the battery is fully charged.
4. Ensure a tight connection at the battery clips.

Pump runs, but does not prime:

1. Check line strainer (screen) at the inlet location (at the tank). You will need to unscrew the knurled nut to access this screen. The tank should be empty while performing this, otherwise you may have to tilt the tank backward so water will be away from the inlet location.
2. Remove the screen and clean it.

Maintenance:

The line strainer (screen) should be removed and cleaned periodically to ensure proper operation. Before cleaning the screen, empty the water from the tank. Gently clean the screen with soap and water. Failure to do so may decrease water pressure and flow rates that are required for proper operation of the watering system.

Warranty

This product is warranted against defects in workmanship and materials for a period of one year from date of shipment.



CAUTION: If storing this product in freezing conditions, drain all of the water to prevent damage.