



Battery Watering Technologies

Instruction Manual for Part # NC5090PN, NC5090P & NC5090PNMAN

Aqua SubJr.™ 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. Remove handle from box and assemble. Use lock pins to secure handle.
2. Connect the two black connectors (located at the bottom of the back panel) to attach the pump to the battery.
3. Charge battery – See charging instructions on next page.

Operation with Direct Fill Link Instructions:

1. Fill the tank with clean or deionized water through the lid on top of the tank. Turn the power switch on the handle to “ON”.
2. Remove dust cap on watering system and insert the male connector on the watering system into 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. Replace the 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 power switch on the back of the cart under the handle to “ON”. Squeeze the handle on the manual gun to clear any air in the hose, dispensing water back into tank until there is uninterrupted flow.
4. Insert the nozzle into the battery cell to be filled. Squeeze the trigger until the shut-off takes place. Release the trigger and gently tap the nozzle to prevent any drips.
5. Remove the gun from the battery. Repeat until all cells are filled.
6. When watering is complete, turn off the tank and replace battery caps.

Charging Instructions:

Charge the battery before using the tank for the first time or if it has been stored more than 6 months to ensure the unit is fully charged.

1. Turn the power switch on the handle to the “OFF” position.
2. Insert the plug (which is molded onto the end of the charger wire) into the jack, which is located on the top left of handle.
3. Plug the charger into 100-240 VAC 50/60 Hz volt power supply. (You may need plug adapter if outside the U.S)
4. While charging, the light will appear red. Light will change to green when fully charged. Disconnect the plug from the jack and the charger from the electrical outlet.

Troubleshooting:

Pump will NOT run:

1. Make sure the on/off switch is in the “ON” position (power switch is located on the handle of the unit).
2. Make sure your 12 volt battery is fully charged.
3. Check in-line fuse on the wires on the pump (located behind back cover). If blown, replace with new fuse (5 Amp mini-blade fuse).
4. Ensure a tight connection at the battery clips (located behind back cover).

Pump runs, but does not prime:

1. Inspect to make sure water is above inlet hole.
2. Inspect hose to be sure there are no kinks or blockages.

Maintenance:

Please utilize strainer to prevent debris from getting into the pump.

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.

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