

# Instruction Manual for Part # NC25X, NC25XB, NC25XG, NC25XF & NC25X-MAN

## Aqua Sub XTREME™ 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.

### Getting Started:

1. Charge the battery before using the tank for the first time or if it has been stored for more than 6 months to ensure the unit is fully charged.
2. Fill the tank with clean, preferably deionized, water through the flip top lid.
3. Clear any air in the hose, by dispensing water back into tank until there is uninterrupted water flow. See below for operating instructions using a Direct Fill Link or Manual Watering Gun.

**Note:** The pump on the cart is equipped with an power switch (on backplate) and a built in pressure switch that is factory set. The pump is a demand pump and will shut off once pressure has built up in the line.

### Charging Instructions:

1. Turn the power switch to the OFF ( O ) position.
2. Insert the cord into the jack on the backplate.
3. Plug the cord into 100-240 VAC 50/60Hz volt power supply. (You may need a different cord if charging outside of the U.S.)

*The LED's will indicate the battery's state of charge, see the back of the cart for light codes.*

### AC Power

To use AC power, follow charging instructions and then turn the power switch to on ( I ). The pump will only use AC power when plugged in *and* turned on.

### Operation with Direct Fill Link Instructions:

1. See Getting Started. Make sure unit is charged or plugged in and filled with water.
2. Turn the power switch to the ON ( I ) position.
3. Remove dust cap on watering system and couple the male connector on the watering system with the female connector on the direct fill link.
4. Squeeze the handle on the direct fill link to begin watering. You will see the flow indicator start spinning.
5. When the flow indicator stops spinning and all indicator eyes on top of the valves rise to the top, release the handle.
6. Uncouple the connectors and disconnect the tank after watering. Replace the dust cap on watering system. **Never leave the tank connected after watering.**
7. When watering is complete, turn off the unit.

### Operation with Manual Gun Instructions:

1. See Getting Started. Make sure unit is charged or plugged in and filled with water.
2. Turn the power switch to the ON ( I ) position.
3. Remove battery caps.
4. Insert the nozzle into the battery cell to be filled. Squeeze the handle until the shut-off takes place, then release the handle. Gently tap the nozzle to prevent any drips.
5. Remove the gun from the battery cell and move to next cell. Repeat steps 4 & 5 until all cells are filled.
6. When watering is complete, turn off the unit and replace battery caps.

### Troubleshooting:

#### Pump will NOT run when water is called for:

1. Make sure the power switch is in the ON ( I ) position.
2. Make sure the battery is fully charged.
3. Remove screws to remove the backplate. Ensure a tight connection at the battery clips.
4. Check the inline fuse on the wires on the pump. If blown, replace with new 15 Amp mini-blade fuse.

#### Pump runs, but does not prime:

1. Check line strainer screen at the inlet location (at the base of the backplate). The tank should be empty while performing this, otherwise you may have to tilt the tank so water will be away from the inlet location. You will need to unscrew the clear housing to access the screen. See Maintenance for screen cleaning instructions.

### 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. Unscrew the clear housing on the strainer to access the screen. Gently rinse the screen with water and if needed you may gently scrub with a toothbrush to get out any stuck debris. 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.