



## ***Standard Pump Cart Operation (Yellow Wired Remote)***

- Please have a certified electrician install your plug of choice for your pump cart. The correct input voltage is noted both on the top and front of the main control box. (Note the Mini Vigor comes pre wired with a 110 volt plug)
- Your first step should be to do a 15 minute “break in” of the impeller.
- Generously apply some food grade silicone lubricant to both sides of the impeller.
- Connect hoses to each side and run put them in a large bucket or bin filled with water.
- The pumps are operated completely from the yellow remote. There is no need to use the front control panel for normal operation.
- To operate the pump make sure the bottom dial on the remote is turned all the way to the left. This is the speed control. Turned to the left is off and the right is full speed.
- Turn the top switch to either the right or the left position. (The display should read 0.0 and a light should show indicating either forward or reverse)
- Turn the speed control quickly to the right about half way. This is done because it can be hard to get the impeller to start turning. If you do this too slowly the display might read an error message (Such as “SP”). If it does, simply un plug the pump and wait 90 seconds before plugging it back it and try again.
- Once the pump is operating the display will show the speed with 0 being the slowest and 60 being the fastest.
- For the “break in” period keep the speed around 30 (half way) and let it pump water for around 15 minutes. This is done to soften the impeller so it will be easier to get started in the future.
- Your pump should now be ready for normal operation.
- The Vigor Mini, 150, 200, & 300 are not designed to run at extremely slow speeds (under 10) for extended periods of time. This can put a lot of strain on the motors and can overheat them. If you need to achieve a slower rate of flow you might want to look into the Mini Vigor pump.