







## Caution:

Do not make any programming changes without contacting the manufacturer first. Failure to do so will void warranty.



This pump was assembled, wired, programmed, and tested before shipping. It should be ready for use without any modifications or changes required on your part.

1. Connect the inlet (suction) line to the Tri-clamp fitting on the front of the pump using a new Tri-clamp gasket and a heavy duty clamp. The inlet line should be at least the same diameter as the fitting on the pump. It is not recommended to have a valve or tee clamped onto the inlet port.
2. Connect the discharge line to the Tri-clamp fitting on the top of the pump using a new Tri-clamp gasket and a heavy duty clamp.
3. Plug the power cord into the appropriate wall receptacle using the supplied plug. Do not change the plug or use an adapter, this will void the warranty.
4. Open the valve on the inlet line to the pump to allow liquid to flow to the pump.
5. Open the valve on the discharge line, if you have one installed.
6. To start the pump press the start button . If a switch is equipped, turn the FWD/REV switch to the right (forward position) to start your pump. The reverse feature is disabled for all centrifugal pumps.
7. Adjust the speed of the pump by using the up and down keys   or the potentiometer (if equipped) to obtain your desired flow.
8. When you are finished pumping, stop the pump by pressing the stop button  on the keypad. For the Potentiometer model, place the FWD/REV switch in the ZERO (middle) position to stop the pump. Turning down the potentiometer to zero will NOT turn off the pump. This will still allow voltage to the motor and can cause damage and electrical shock.
9. To turn off the pump unplug it or use the ON/OFF switch, if equipped.
10. Close both the inlet and discharge valves if equipped.

**Note:** Do not try to run your centrifugal pump in reverse. It will not operate in reverse; the reverse setting has been disabled.