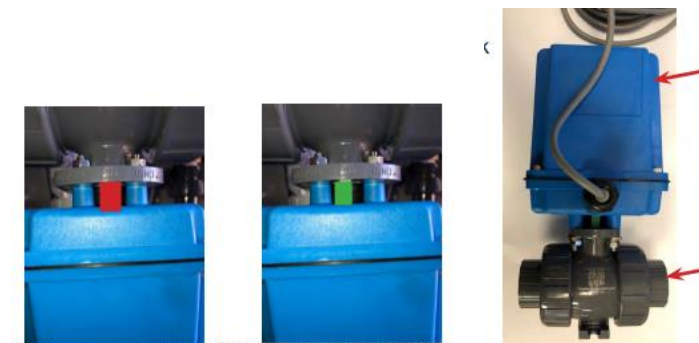


Reclaim - How to Check recirculation/underflow valves

- **Recirculation valve** – Hayward valve is the valve above the city water line coming in for the reclaim system
- **Underflow valve** - opens and closes based on the need or “call” for reclaim water

Valve position is recognized externally based on the color seen in the viewport. Green indicates open and Red indicates closed.



The Recirc Valve opens and closes several times a day. When a wash activation signal comes on it should open & likewise, it should close when the signal goes away. If the valve does not move, it is time to determine if the issue is related to the motor or if it is a mechanical bind in the PVC portion of the valve itself.

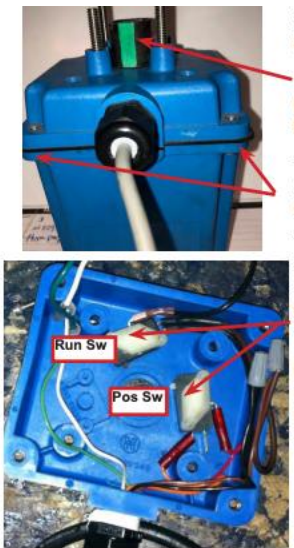
Use a 7/16” wrench and remove the mounting nuts that connect the blue motor to the PVC portion of the valve. Be careful not to drop the motor. Place the motor safely & repeat the toggle attempt for the valve in question. If the motor toggles (rotates 90 degrees) as it should, this indicates the problem is a mechanical binding issue with the PVC portion of the ball valve.

The next step will be to s. loosen both unions and remove the PVC portion of the valve assembly. Visually inspect the interior of the valve. Is it dirty? Take a look at the bottom of the valve and note the “stem” of the valve. Using a 1/2”

wrench, rotate the valve. If you find the ball valve is hard to turn manually, pull this apart and clean. The tolerances for this ball valve are very small and even sand can gum it up.

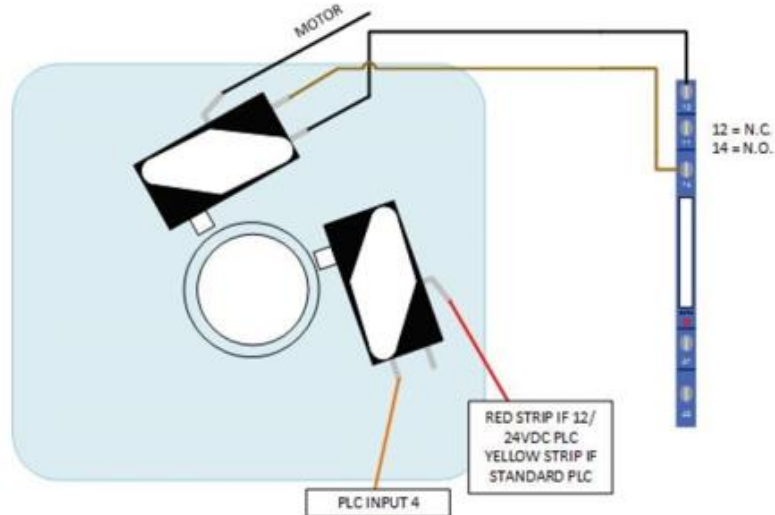
Electrical issues :

The most common electrical issue with one of the mechanical ball valves is that there is a problem with either the “Motor Run” switch or the “Position Switch.” To gain access to the switch area, pry off the coupler from the motor shaft using a flat bladed screwdriver or something similar. Then remove the four Allen or Hex Head screws from the underside of the motor cover. This will expose the area where the switches are mounted. There are small studs or alignment pins for mounting each switch. Each switch has a white plastic “keeper” to hold it in place. If neither switch is out of position then verify physical switch function by checking continuity using a digital or analog volt meter.



These contactor micro switches are actually able to be replaced if the switches are not making contact or are worn down. The replacement part is PURCLEAN-V7-1A17D8

RECIRCULATION BALL VALVE WIRING



UNDERFLOW BALL VALVE WIRING

