



## Valve Instructions

### 1. FILTER:

This is the normal setting for your filter valve. Water is pulled from the pool by your pool pump and pushed into the “PUMP” port of the multiport valve where it enters the filter tank. On sand filters, water enters at the top of the tank, and for DE filters, water enters at the bottom of the tank. After passing through the filter media, the water exits the tank again into the multiport valve, leaving through the “RETURN” port, and back to your pool.

### 2. WASTE:

The most common scenario in which you would use a multiport valve “Waste” setting is when lowering pool water levels. Waste diverts the water pumped in from your pool from the filter and sends it directly out of the backwash hose, without even entering the filter tank. It’s one of two ‘Bypass’ settings on a multiport valve.

The other common instance in which you would use the “Waste” setting is when you are vacuuming debris that is too fine for the filter media to capture. Have you ever vacuumed your pool on the “Filter” setting only to notice a few hours later that a fine, almost sand-like sediment has collected at the bottom of your pool? This is not uncommon for sand filters, which can have trouble trapping very small particles.

### 3. CLOSED:

Simple enough, “Closed” is a position that won’t let water enter the valve, and is the most rarely used position of all. The pool pump should never be turned on when the valve is in the ‘Closed’ position, something could blow out!

#### **4. BACKWASH:**

The “Backwash” setting reverses the flow of water in and out of the filter tank. During normal filtration, on the “Filter” setting, water moves through the filter in one direction – top to bottom for sand filters, and bottom to top for DE filters. When the valve handle is moved 180° to the “Backwash” position, water flow is reversed as it enters and exits the filter tank. And, when the water leaves the filter tank and re-enters the valve, it is directed out the “WASTE” port, instead of the “RETURN” port.

Backwash a filter when the pressure gauge reads appx. 10psi above the clean operating pressure. Run the pump for 2-4 minutes, discharging through a backwash hose until the water in the sight glass, or at the end of the hose, is no longer dirty or cloudy.

#### **5. RECIRCULATE:**

The “Recirculate” setting is another bypass setting like “Waste”, where the water does not enter the filter tank at all. After the water enters the valve it makes a quick U-turn, and exits the valve out of the “RETURN” port, returning to the pool unfiltered.

#### **6. RINSE:**

If you have ever vacuumed your pool spotlessly, and then after backwashing, sent a cloud of dirty water shooting into the pool, we have an app for that – the “Rinse” setting on a multiport valve. This position moves water through the filter tank in the normal direction (top to bottom for sand, bottom to top for DE), but when the water re-enters the valve, it is directed out the WASTE port, not RETURN.

#### **7. WINTER:**

The “Winter” or Winterize setting is used when it’s time to close your pool for the season. You will notice that this position is not actually a position at all, but is a location in-between two positions – there is no groove to lock the handle in place. What the winter position does is to ‘prop-up’ the valve diverter (aka rotor or footpad), raising it above the ‘multi-ports’ inside of the valve.

In this position, with the internal spring compressed, the diverter remains in a suspended position all winter, held 1/4” above the valve body ports. This allows space for any water trapped inside the valve to expand into ice during winter, without cracking the valve body.