

SAND FILTER OPERATIONS

A. Start Up:

Start pump to establish water flow. **Make sure** water is flowing strongly out of the return into the pool.

B. Filtration:

Water is filtered as it is pumped through the sand. As the sand bed collects dirt, the pressure gauge will rise and water flow will decrease. It is time to **backwash** the filter.

C. Backwash:

To backwash the filter, shut off pump and turn filter valve handle to backwash. Turn on pump. Water will wash dirt out of filter through backwash pipe. When backwash water looks clean, shut off pump. Move valve handle to **rinse**. Turn on pump for about 30 seconds. Shut off pump and return valve handle to filter. Turn on pump; it's done.

D. Pump Basket Removal:

Shut off pump and slide valves. **Remove** clear plastic top on pump. **Remove and clean** basket and **replace**. **Put on** pump top, **open valves** and **restart pump**.

E. The Multiport Valve:

The **multiport valve** on the filter has six positions.

- 1.) **Filter** is for normal filtration.
- 2.) **Backwash** is for cleaning the filter.
- 3.) **Rinse** is for rinsing after backwash.
- 4.) **Waste** bypasses the filter through the backwash lines; lowers water level in pool without backwashing.
- 5.) **Recirculate** is for recirculating the water while bypassing the filter.
- 6.) **Closed** closes all ports in the valve.