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SAND FILTER OPERATION

PRESSURE GAUGE

While the filter operates dirt load will continue to build-up. This will be indicated by an increase in the pressure gauge reading. MAKE NOTE OF THE INITIAL PRESSURE WHEN THE FILTER IS CLEAN AND FIRST PLACED IN OPERATION. Allow filter to operate as required until there is an increase of 6 to 10 lbs. more than the initial pressure; now it is time to BACKWASH the filter.

MULTIPOINT VALVE

A six (6) position multiport valve controls all water flow. Functions of the valve are clearly indicated on the face of the dial as follows:

FILTER:	Filter (and moderate vacuum cleaning) to pool.
WASTE:	Drain water from the pool and heavy vacuuming.
CLOSE:	No flow through filter.
BACKWASH:	Reverse flow of filter to WASTE(removes collected dirt)
RECIRCULATION:	Circulation without filtration.
RINSE:	To rinse and resettle sand bed after backwash.

NOTE: IF THERE IS A SHUT-OFF VALVE INSTALLED ON THE WASTE LINE, KEEP IT CLOSED EXCEPT IN BACKWASH, WASTE, AND RINSE. ALWAYS TURN OFF THE MOTOR BEFORE CHANGING MULTIPOINT SETTINGS.

SIGHT GLASS

This enables you to observe the BACKWASH water during the filter BACKWASH cycle. When you first start-up in the BACKWASH cycle the water discharge will appear dirty, but as the backwash cycle progresses the water will get progressively clearer.

NORMAL FILTER OPERATION

1. Place the MULTIPOINT VALVE in the filter position. If the filter has a backwash shut-off valve, have it in the closed position.

2. TO PRIME THE PUMP: remove the pump cover, close the main suction and skimmer shut-off valves. Put multiport selector handle in the CLOSED position. Fill the pump with water, replace the pump cover and put the multiport selector handle in the FILTER position.
3. Turn on the motor. Open the MAIN SUCTION shut-off valve slowly. When you have achieved a smooth steady flow of water, open the SKIMMER shut-off valve. You now have picked-up the prime.

VACUUMING CLEANING THE POOL

1. Place MULTIPOINT VALVE in the FILTER position.
2. Attach the vacuum hose to the vacuum cleaner head and lower it into the pool.
3. Feed the vacuum hose into the pool until the hose is full of water.
4. Insert the SKIM VAC into the open end of the vacuum hose and place the SKIM VAC over the skimmer basket. It should make a tight seal--if it does not, adjust the skim vac until it does. If the skim vac is damaged, cracked, or if the rubber is not in good condition, you may have difficulty making a good seal. If so, replace the skim vac.
5. IF POOL IS VERY DIRTY WE SUGGEST VACUUMING BE DONE IN THE WASTE POSITION.
6. Before you begin to vacuum, in order to increase suction, close the MAIN SUCTION shut-off valve.

BACKWASHING AND CLEANING HAIR AND LINT STRAINER BASKET

The hair and lint strainer basket should be cleaned and the filter should be backwashed after vacuuming or when the pressure gauge shows an increase of 6 to 10 lbs.

1. Turn off the pump motor and turn the MULTIPOINT valve to CLOSE, and CLOSE the MAIN SUCTION AND SKIMMER shut-off valves. Open the STRAINER COVER and clean the basket then replace the cover.
2. Open the BACKWASH/WASTE shut-off valve (if the filter has one). Place the MULTIPOINT VALVE in the BACKWASH position and turn on the motor.
3. Open the main suction and skimmer gate valves fully; ONE AT A TIME SLOWLY.
4. Let the filter run until the water in the sight glass becomes clear. (About 1 - 3 minutes)
5. After the backwash cycle is completed, turn off the motor, place MULTIPOINT VALVE in the RINSE position, turn the motor back on, and run for one minute; after one minute turn off the motor and place the MULTIPOINT VALVE IN THE FILTER POSITION. CLOSE THE BACKWASH/WASTE shut-off valve. Turn the motor back on and note that the filter gauge will shortly show a normal reading.
6. Adjust the MAIN SUCTION AND SKIMMER shut-off valves as per their normal filter operation.