

McCarthy Pools

P.O. Box 404, 221 Turnpike Road, Southborough, MA 01772, (508) 485-1307

CARTRIDGE OPERATIONS

START-UP

1. Turn off pump before starting.
2. Properly seat filter clamps and securely tighten clamp knobs before proceeding.
3. Open air release valve located on top of filter tank head.

NOTICE: The air release valve allows you to get accumulated air out of the filter tank.

4. Start pump.
5. When a steady stream of water comes from air release valve, close valve.
6. After filter is operating, record filter pressure gauge reading for future use.

NOTICE: When installed on a new pool, filter element may need cleaning after approximately 48 hours of operation.

NOTICE: A new or recently cleaned filter element may pass some foreign material until it builds up a sufficient coating to stop all fines. This is normal; a short operational period will correct the condition.

7. Check pressure gauge; if pressure has risen more than 6 PSI above start-up pressure, remove and clean element.

WARNING: Never adjust, tighten, or loosen either "V" band clamp when tank is under pressure. If filter leaks at the clamp, do not adjust the clamp. Instead, follow instructions under "Filter Disassembly", below and "Filter Assembly".

FILTER DISASSEMBLY

1. Stop pump.

2. Open air release valve on top of filter.
3. Wait until all pressure is released from filter tank and system before loosening either clamp.

WARNING: Make sure all pressure has been released from filter tank before proceeding.

4. Remove clamp fastener.
5. Loosen clamp; remove clamp by lifting it straight up over tank or by dropping it onto filter base.
6. Remove tank from base. Be careful not to damage o-ring.

NOTICE: If heavy dirt deposits have collected around bottom of filter element and base, wash out base before removing element.

7. Rock filter element to one side to free seal.
8. Lift element out of tank body. Do not drop filter element. Place element in a clean area where it can be hosed down.
9. Remove air bleed filter to clean it.

SPECIAL CLEANING INSTRUCTIONS

NOTICE: There is no single cleaner that will clean both oils and calcium deposits from the filter element. The best method for cleaning the filter element is as follows.

1. Hose down the filter element. Be sure to clean the pleats on both the inside and outside of the cartridge.
2. Prepare a solution of Filter Buster and water (1 bottle of Filter Buster per 35 gallons of water) and soak element for 12 hours.
3. Hose off the element completely.

VACUUMING THE POOL TO WASTE

NOTICE: The pool should be vacuumed to "Waste" if there is an inordinate amount of debris in the pool such as when the pool is opened in the Spring. When vacuuming the pool to "Waste", pool water is being discharged from the pool along with the debris being vacuumed. Monitor the pool water level to prevent the vacuuming system from drawing air. Do not allow the pool water level to drop below the skimmer faceplate.

1. Disassemble filter.

2. Attach discharge hose to the adapter at the center of the filter base with a hose clamp.
3. Attach vacuum hose to vacuum head and to skim vac. Fill vacuum hose completely with water and place skim vac over the skimmer basket.
4. Shut off main suction valve.
5. Vacuum the pool.

VACUUMING THE POOL THROUGH THE FILTER

NOTICE: Unless there is an inordinate amount of debris in the pool, the pool can be vacuumed through the filter.

1. Attach vacuum hose to vacuum head and to skim vac. Fill vacuum hose completely with water and place skim vac over the skimmer basket.
2. Shut off main suction valve.
3. Vacuum the pool.

FILTER ASSEMBLY

1. Push clean air bleed filter all the way down on tube. If tube has been removed, push it into socket seat in filter base until it bottoms.
2. Set filter element on base.

NOTICE: Be sure blue end marked "Top" is on top and orange end is on the bottom. Do not reverse element.

3. Push filter element into base between two circular ribs until it bottoms.
4. Inspect upper and lower tank flanges and o-rings.
5. Reinstall filter tank.
6. Install clamp and knob assembly hand tight. Further tighten as needed.