

CLEANING INSTRUCTIONS

If the pressure gauge on your filter reads 5 PSI or higher than the original starting pressure, the filter needs to be cleaned. To clean the filter:

1. Turn off pump. **Warning: Never attempt to clean filter while pump is running. This is a pressurized vessel. It could cause severe injury or harm to your person.** Plug skimmer and pool return lines, OR Drain pool water level to below pool return line.
2. Slowly open the air relief valve on top of filter until the pressure gauge reads "0". All pressure must be released before opening Filter. Open drain cap at bottom of filter and allow water to flow.
3. Press the yellow safety latch on the underside of the lock nut and turn the lock nut counterclockwise to remove the lock nut. Then pull the lid off of the filter by using the handle. Rinse the cartridge element with a garden hose. There is no need to remove the element from the filter. For a more thorough cleaning, disassemble Cartridge Internal Assembly by unscrewing Tie Nut (10a) and removing Upper Plate (10b). Lift the Cartridge over the Filter Internal and clean with a garden hose. Replace Cartridge and Upper Plate and screw Tie Nut onto Filter Internal.
4. Reassemble lid making sure to hear the "Click" when turning the lock nut. The "Click" means the lid has been correctly installed. If you do not hear a click, remove the lock nut and try again because the lock nut may be cross-threaded. Cross-threading could result in damage to the Filter Body. Follow start-up procedures from original instructions.

(My Original Starting Pressure is _____ PSI (Pounds per Square Inch).
I should clean the filter at ____ PSI.

LIMITED WARRANTY

Waterway Plastics manufactures its products and equipment in accordance with very high standards of workmanship. We use the best materials available and maintain the highest quality procedures practical in the industry. In accordance, Waterway warrants its products as follows:

All plastic parts such as jets, valves, skimmers, manifolds, suction, lights, and other plastic components manufactured by Waterway will be replaced or repaired if the defects are determined by Waterway to be the responsibility of Waterway Plastics for a period of Three years from the date of manufacture. The warranty does not cover filter cartridges, DE grids, O-rings, pressure gauges, pump seals, light bulbs or any parts not manufactured by Waterway.

All thermoplastic molded filter bodies and rotational molded sand filter bodies have a warranty of ten years, warranted on a pro-rata life basis. If a defect becomes apparent during the first year, the body will be exchanged for a new body if the defects are determined by Waterway to be the responsibility of Waterway Plastics. If a defect becomes apparent after the first year from the date of manufacture which, in the opinion of Waterway, will require replacement, the body will be exchanged for a new tank on an adjusted service pro-rata life basis. Charges to the owner, on the pro-rata life basis, will be determined by the actual number of months installed beginning with the date of manufacture.

Products that fail or become defective during the warranty period, except as a result of improper installation, bad water chemistry, accidents or negligence on behalf of the owner, freezing, earthquakes, fire floods, or other acts of nature, shall be repaired or replaced at Waterway's option without charge to the owner. This process will be completed within 90 days of receipt of the defective product barring delays caused by the acquisition of component parts not manufactured at our facility.

To obtain warranty replacements or repair, defective products should be returned (transportation paid) to the place of purchase. It should include a description of the defect and the circumstances surrounding the incident or problem. Warranty only applies to OEM's and distributor's of Waterway

Warranty begins on the date of manufacture. Waterway shall not be responsible for cartage, removal and/or reinstallation labor, or any other such costs incurred in obtaining warranty replacements.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



CARTRIDGE FILTER



FILTER SYSTEM OWNER'S MANUAL

AQUASTAR CARTRIDGE FILTER SYSTEM OWNER'S MANUAL

Your AquaStar Cartridge Filter System is shipped from Waterway complete with everything you need right in the box.

Assemble filter system only after above ground pool is installed. Fill pool with water. Do not raise water level above pool return line.

The pool equipment should be located between the pool skimmer and return line. The filtration system should not be closer than 2 ft. and not further than 5 ft. from the pool. The Aqua Star System needs to be on a completely flat surface (e.g. patio block, cement slab, etc.). The pump will require a 110 volt/20 amp service. **Warning: A GFCI is required. Follow national and local building and safety codes.**

Before opening shipping carton, make sure box is in the upright position. Inside the carton, you will find:

1. One-Piece mounting base.
2. One pump. (Packaged in separate box.)
3. One filter.
4. Two lengths of 6 ft. hose.
5. One bag with fittings.

INSTALLATION INSTRUCTIONS

1. Place filter and filter base on a level, secure surface. Use Pin & Anchor Assembly to secure filter to base. (Detail 1) There is no need to disassemble filter or pump assemblies.
2. Place pump base on the side of filter marked "Inlet".
3. Attach mounting base to filter by sliding plastic inserts of pump base into matching slots on the filter base. The pump base should be on the left side of the filter base as you face the equipment.
4. Open box and remove pump and trap assemblies. Open pump trap lid and remove 2" gasket. Place 2" gasket into end of pump trap union nut. Hand tighten union nut to suction side of pump. (Detail 2)
5. Open fittings' bag and remove Coupling Assembly (Detail 3). Assemble 2" gasket, coupling, coupling o-ring, and 2" union nut, and thread into inlet side of filter.
6. Thread union nut to pump discharge. (Detail 4) Use Pin & Anchor Assembly to secure pump to base. (Detail 5)
7. Open bag with air relief valve and pressure gauge. Apply teflon tape to threads of pressure gauge and thread into filter tank lid (small opening). Thread air relief valve with o-ring into filter tank lid (large opening).
8. From the fittings package, remove filter coupler and o-ring (Detail 6). Thread into the outlet side of the filter tank.
9. Remove 4 hose clamps from the fittings' bag. Select one of the hose lengths and slip one clamp over the end. Place the end of hose on to the barbed end of the hose adapter (pump suction) and the other end to the barbed end of the pool skimmer. Repeat steps with filter discharge to pool inlet.
10. Fill pool until water level is halfway up length of skimmer throat.
11. Open air relief valve. Plug in and turn on pump. Open air relief valve. Air will pass out of the filter through the air relief valve. Once water discharges from valve, close the valve.

AQUASTAR CARTRIDGE FILTER PARTS LIST

Item	Part No.	Description
1	662-7221	Handle with screws
2	830-2000	Pressure gauge
3	715-6011	Air Relief Plug
4	805-0117SD	O-Ring, Air Relief
5	511-7207-A	Lid Assembly with Handle, small (75)
	511-7307-A	Lid Assembly with Handle, medium (100)
	511-7317-A	Lid Assembly with Handle, Large (150)
6	805-0383	Lid O-Ring
7	511-7221	Lock Nut Assembly
8	817-0001	Internal Filter Screen
9	500-7100	Air Bleeder Assembly
10	500-5210	75 sq. ft. Internal Assembly without Cartridge
	500-5220	100 sq. ft. Internal Assembly without Cartridge
	500-5230	150 sq. ft. Internal Assembly without Cartridge
10a	718-7219	Tie Nut
10b	519-7229	Upper Plate
10c	519-5219	Core Center
		(4 ea. for 75 sq. ft.)
		(6 ea. for 100 sq. ft.)
		(8 ea. for 150,200,300 sq. ft)
10d	500-5270	Lower Plate Assembly (75 sq. ft)
	500-5280	Lower Plate Assembly (100sq. ft.)
	500-5290	Lower Plate Assembly (150,200,300 sq. ft.)
10e	817-0075	75 sq. ft. Cartridge (13.25" h X 10" dia.)
	817-0100	100 sq. ft. Cartridge (19" h X 10" dia.)
	817-0150	150 sq. ft. Cartridge (25" h X 10" dia.)
	817-0200	200 sq. ft. Cartridge
	817-0250	250 sq. ft. Cartridge
	817-0300	300 sq. ft. Cartridge
	817-0400	400 sq. ft. Cartridge
11	500-7207	Body 1 1/2" FPT
	515-7307	Body 2" FPT
12	429-7300	Pin and Anchor Assembly
13	500-5300	C/D Drain Assembly
13a	505-2030	Drain Cap Assembly
14	805-0224	O-ring
15	425-1801	1 1/2" Hose Fitting with 3/8" Barb
16	872-0011	Stainless Steel Hose Clamp
17	872-9000	Corrugated Hose
18	415-5001	2" Union Nut
19	419-7241	Coupling
20	PH1100	1 HP, 1 SPD Hi-Flo Pump
	PH1150	1 1/2 HP, 1 SPD Hi-Flo Pump
	PH1200	2 HP, 1 SPD Hi-Flo Pump
	PH2100	1 HP, 2 SPD Hi-Flo Pump
	PH2150	1 1/2 HP, 2 SPD Hi-Flo Pump
	PH2200	2 HP, 2 SPD Hi-Flo Pump
21	711-4010	2" Union Gasket
22	319-3230	6" Basket Assembly (Not Shown)
23	319-2176	6" Pump Trap Body
24	805-0436	O-Ring
25	319-3260	6" Pump Trap Lid
26	672-7241	One-Piece Base
	810-0068-A1	Instruction Sheet

