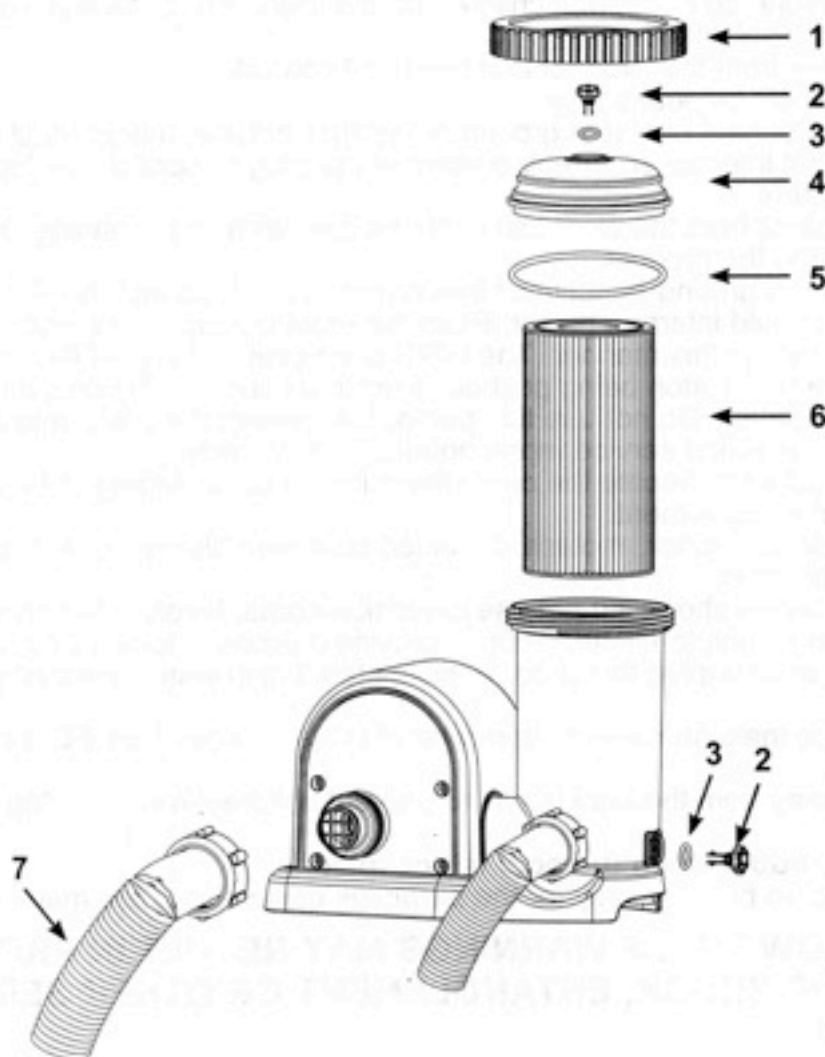




P u m p a n d F i l t e r G u i d e

PARTS REFERENCE

Before assembling your product, please take a few minutes to check the contents and become familiar with all the parts.



NOTE: Drawings for illustration purpose only. Actual product may vary. Not to scale.

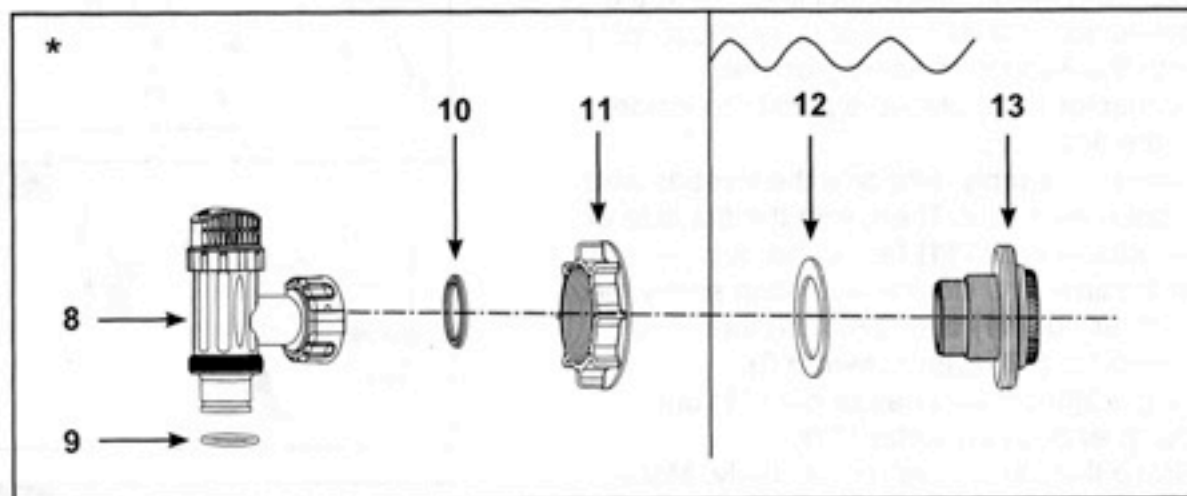
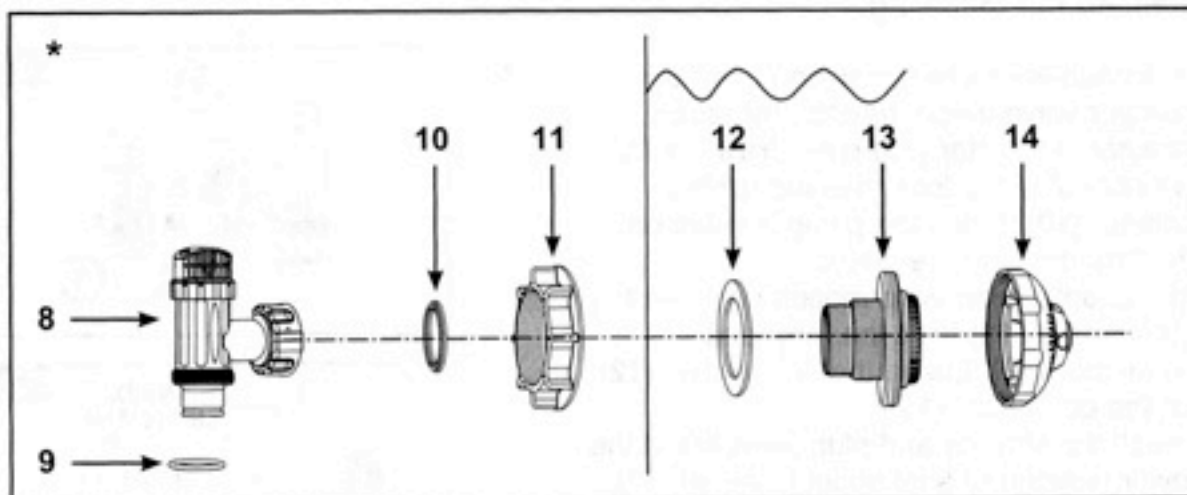
REF. NO.	DESCRIPTION	QTY.	SPARE PART NO.
1	THREADED FILTER HOUSING COLLAR	1	10749
2	AIR RELEASE VALVE/SEDIMENT RELEASE VALVE	2	10460
3	VALVE O-RING	2	10264
4	FILTER HOUSING COVER	1	10750
5	FILTER HOUSING O-RING	1	10325
6	FILTER CARTRIDGE (29900)	1	
7	PUMP HOSE WITH NUTS	2	11009

When ordering parts, be sure to quote the model number and part numbers.

PARTS REFERENCE (continued)

Before assembling your product, please take a few minutes to check the contents and become familiar with all the parts.

Parts shown on this page are supplied with the pool package and are shown here for assembly purposes only.



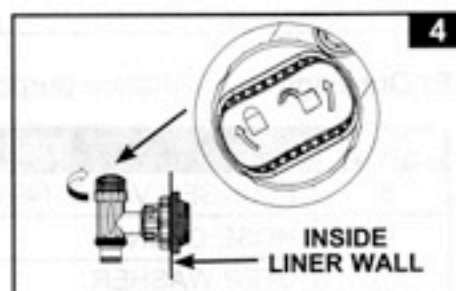
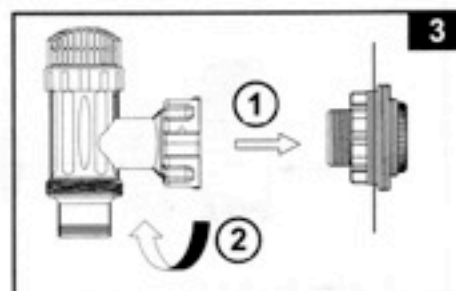
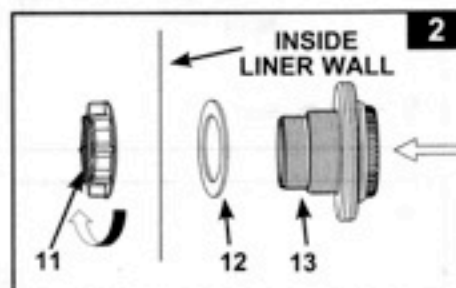
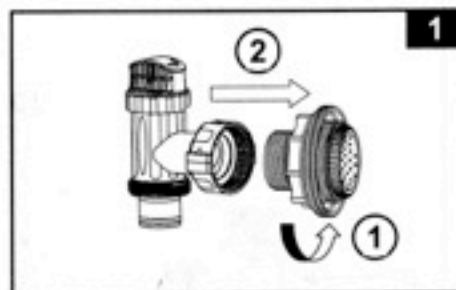
NOTE: Drawings for illustration purpose only. Actual product may vary. Not to scale.

REF. NO.	DESCRIPTION	QTY.	SPARE PART NO.
8*	PLUNGER VALVE (#9 & #10 INCLUDED)	2	10747
9*	HOSE O-RING		10262
10*	STEP WASHER		10745
11*	STRAINER NUT	2	10256
12*	FLAT STRAINER RUBBER WASHER	2	10255
13*	THREADED STRAINER CONNECTOR	2	11235
14*	ADJUSTABLE POOL INLET NOZZLE	1	11074

POOL OUTLET - STRAINER & PLUNGER VALVE SETUP (optional)

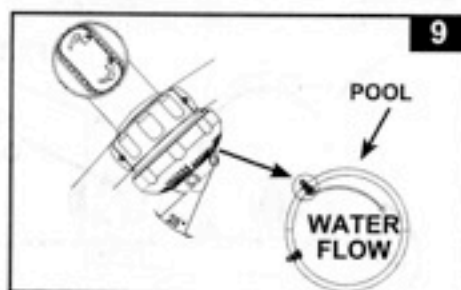
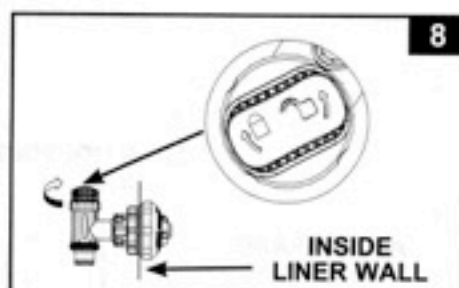
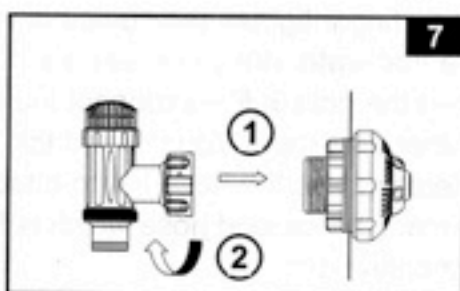
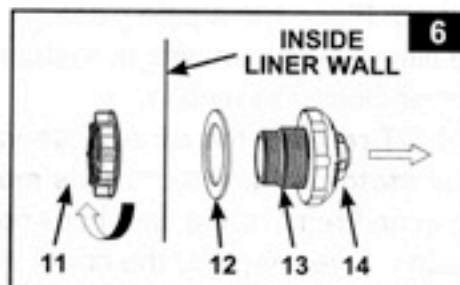
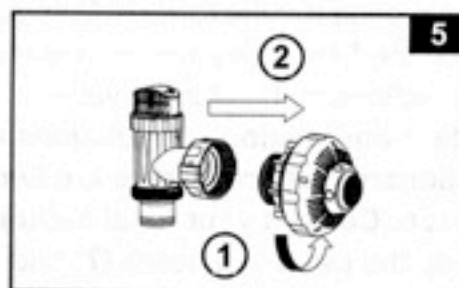
The strainer grid prevents large objects from jamming and/or damaging the filter pump. The plunger valve assembly prevents water from flowing into the filter pump while the filter cartridge is being placed or cleaned. If your pool has inflatable top ring, install the strainer, nozzle and plunger valve before inflating the pool liner top ring. The parts numbers here onward, refer to the parts depicted in the Parts List section of this manual. To install, do the following:

1. In a counter-clockwise motion unscrew plunger valve union from the threaded strainer connector (13) (see drawing 1). Be careful not to lose the step rubber washer (10). Place the plunger valve on the ground in a safe place.
2. In a counter-clockwise motion unscrew the strainer nut (11) from the threaded connector (13). Leave the flat washer (12) on the connector (13).
3. Install the strainer and plunger valve at the lower position of pool outlet (marked "+"). From the inside of the pool liner insert the connector (13) into one of the pre-cut holes with the washer remaining on the connector to be placed against the inside of the liner wall.
4. Before assembly, lubricate the threads with a petroleum jelly. Then, with the flat side of the strainer nut (11) facing the outside wall of the liner in a clockwise motion screw the strainer nut (11) back onto the threaded connector (13) (see drawing 2).
5. Finger tighten the strainer nut (11) onto the threaded connector (13).
6. Grasp the plunger valve assembly. Make sure the step washer (10) is in place.
7. In a clockwise motion screw the plunger valve union back onto the threaded connector (13) (see drawing 3).
8. In a clockwise motion turn the plunger valve handle to close position. Ensure the plunger valve is securely closed. This will prevent water from flowing out during filling of the pool (see drawings 4).



POOL INLET - NOZZLE & PLUNGER VALVE SETUP (optional)

1. In a counter-clockwise motion unscrew plunger valve union from the threaded strainer connector (13) (see drawing 5). Be careful not to lose the step rubber washer (10). Place the plunger valve on the ground in a safe place.
2. In a counter-clockwise motion unscrew the strainer nut (11) from the threaded connector (13). Leave the flat washer (12) on the connector (13).
3. Install the nozzle and plunger valve at the upper position of pool inlet. From the inside of the pool liner insert the connector (13) into one of the pre-cut holes with the washer remaining on the connector to be placed against the inside of the liner wall.
4. Before assembly, lubricate the threads with a petroleum jelly. Then, with the flat side of the strainer nut (11) facing the outside wall of the liner in a clockwise motion screw the strainer nut (11) back onto the threaded connector (13) (see drawing 6).
5. Finger tighten the adjustable pool inlet nozzle (14) and the strainer nut (11) onto the threaded connector (13).
6. Grasp the plunger valve assembly. Make sure the step washer (10) is in place.
7. In a clockwise motion screw the plunger valve union back onto the threaded connector (13) (see drawing 7).
8. In a clockwise motion turn the plunger valve handle to close position. Ensure the plunger valve is securely closed. This will prevent water from flowing out during filling of the pool (see drawing 8).
9. Adjust the direction of the nozzle head pointing away from the pool outlet for a better circulation result (see drawing 9).



FILTER PUMP HOSE CONNECTION SETUP

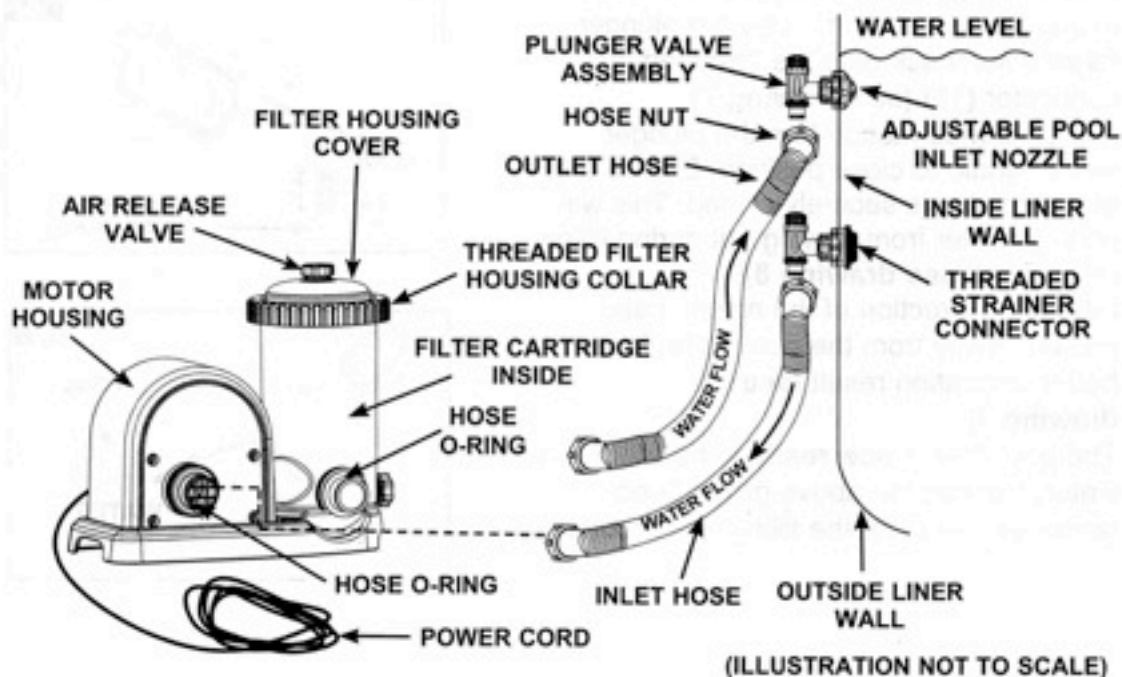
1. Remove the hoses from the packaging.
2. Place the filter pump in such a manner, that you can easily assemble the hose (7) connections to the plunger valve.

Note: Some regional regulations may require the filter pump to be mounted on a stationary platform. There are two mounting holes located in the pump base for this reason. Consult your local authorities for filter-pump mounting requirements.

3. Grasp the two pump hoses (7) and connect the hose nuts to the filter pump.
4. In a counter-clockwise motion unscrew the threaded filter housing collar (1) from the filter housing. Place it in a safe place.
5. The filter pump is an airtight system. Turn the top air release valve (2) once or twice in a counter-clockwise motion.

DO NOT remove the air release valve from the top cover, as water will expel with force if the motor is turned on. This may cause injury.

6. Grasp and remove the filter housing cover (4). Check to see if a cartridge is inside the housing. If yes, replace the cover, finger tighten the housing collar (1) back onto the filter housing.
7. Gently finger tighten the sediment release valve located at the bottom of the housing to be sure that water does not leak out.
8. When the pool is filled connect the hose from the bottom of the filter housing to the highest strainer assembly. You will find the hose connection at the bottom of the plunger valve assembly. Use the hose nut to attach the hose.
9. Connect the second hose which is fixed to the middle of the motor housing to the remaining liner connection.



OPERATING INSTRUCTIONS

1. Make sure the filter pump is switched off. The switch is located on the motor housing.
2. Connect the power cord to a GFCI protected electrical outlet.

⚠ WARNING

Risk of electric shock. Connect this product only to a grounding type receptacle protected by a ground-fault circuit interrupter (GFCI). Contact a qualified electrician if you cannot verify that the receptacle is protected by a GFCI.

IMPORTANT

To prevent air lock, open the lower plunger valve (connected inlet hose) first and then the upper plunger valve (connected outlet hose). Open the air release valve, wait until water starts to flow out of the air release valve, close air release valve.

3. Turn both plunger valve handles fully counter-clockwise until they stop. This opens the valve, allowing water to flow into the filter pump.
4. With water flowing into filter pump, the water pressure will allow the air trapped inside to escape from the air release valve (2). When all the air has escaped water will flow out of the valve (2). When this occurs gently finger tighten the valve (2) in a clockwise direction.
5. **To operate the filter pump on "TIMER" mode:**
 - A. Set the timer dial to the desired operating hours. See operation time table. See Fig. 10
 - B. Turn on the pump by pressing the switch to "⌚" position, the filter pump is now filtering the water and will stop after the operating hours are completed. The built-in timer will now operate for the number of hours selected at the same time each day.
 - C. Operating hours can be re-adjusted if necessary. Follow step A – B.**To operate the filter pump manually (without the "TIMER" mode):**
 - A. Turn on the pump by pressing the switch to "-" position, the filter pump is now filtering the water.
 - B. To turn off the pump, press the switch to "O" position.

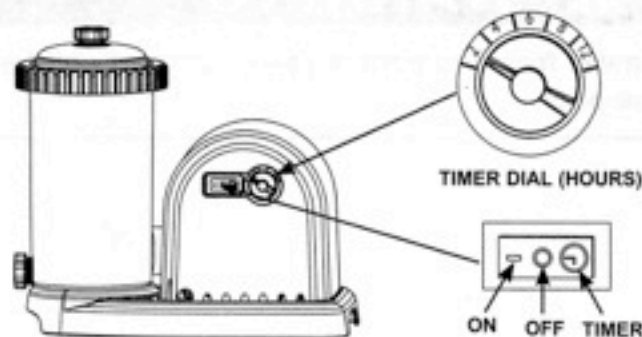


FIG 10

6. Never put pool chemicals directly into the filter pump. This may damage the pump and void the warranty.