

OWNER'S MANUAL

CE *Lay-Z-Spa*TM
MODEL #54075

220-240V~50Hz, 2650W
Hmax 1.0m Hmin 0.19m IPX5



W[®]
Bestway[®]

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SAFETY INSTRUCTIONS

WARNING

When installing and using this electrical equipment, basic safety precaution should always be followed, including the following:

IMPORTANT SAFETY INSTRUCTIONS READ AND FOLLOW ALL INSTRUCTIONS.

WARNING: RISK OF ELECTRIC SHOCK. Insert the plug only to a properly grounded socket.

WARNING: The spa must be supplied by an isolating transformer or supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30mA.

WARNING: RCD must be tested before each use.

WARNING: If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

WARNING: To reduce the risk of electric shock, do not use extension cord to connect unit to electric supply; provide a properly located outlet.

WARNING: No part of the appliance is to be located above the bath during use.

WARNING: Parts containing live parts, except parts supplied with safety extra-low voltage not exceeding 12V, must be inaccessible to a person in spa pool; Earthed appliance must be connected to the fixed socket which is permanently connected to fixed wiring. Parts incorporating electrical components, except remote control devices, must be located or fixed so that they cannot fall into the spa pool.

WARNING: The plug of spa shall be at least with 3.5m to the pool.

WARNING: It is necessary to have the plug accessible after installation of the pool.

WARNING: Electric installations should fulfill the requirements of standards NFC 15-100.(For France Only)

WARNING: To avoid the electric shock, do not use the spa when it is raining.

WARNING: To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

WARNING: Water attracts children; Always attach a spa cover after each use.

WARNING: Do not bury cord. Locate cord to minimize abuse from lawn mowers, hedge trimmers, and other equipment.

WARNING: To reduce the risk of injury, replace damaged cord immediately.

DANGER: Risk of Accidental Drowning. Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children can not use this spa unless they are supervised at all times.

WARNING: RISK OF INJURY. Never operate spa if the suction fittings are broken or missing. Never replace a suction fitting.

WARNING: RISK OF ELECTRIC SHOCK. Install at least 1.5m from all metal surface.

WARNING: RISK OF ELECTRIC SHOCK. Never operate any electrical appliance when in your spa or when your body is wet. Never place any electric appliance, such as a light, telephone, radio, or television, within 1.5m of spa.

WARNING: During pregnancy, soaking in hot water may cause damage to the fetus. Limit use to 10 minutes at a time.

WARNING: TO REDUCE THE RISK OF INJURY:

A. The water in a spa should never exceed 40°C (104°F). Water temperature between 38°C(100°F) and 40°C(104°F) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when spa use exceeds 10 minutes.

B. Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit spa water temperatures to 38°C (100°F).

C. Before entering a spa, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature regulating devices varies.

D. The use of alcohol, drugs, or medication before or during spa use may lead to unconsciousness with the possibility of drowning.

E. Obese persons and persons with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before use a spa.

F. Persons using medication should consult a physician before using a spa since some medication may induce drowsiness while other medication may affect heart rate, blood pressure, and circulation.

WARNING: TO REDUCE THE RISK OF INJURY: Never pour water which higher than 40°C (104°F) into the spa pool directly.

WARNING: The use of alcohol, drugs, or medication can greatly increase the risk of fatal hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 37°C(98.6°F). The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia include failure to perceive heat; failure to recognize the need to exit spa or hot tub; unawareness of impending hazard; fetal damage in pregnant women; physical inability to exit the spa or hot tub; and unconsciousness resulting in the danger of drowning.

CONSULT YOUR PHYSICIAN FOR RECOMMENDATIONS.

CAUTION: Do not use the spa alone.

CAUTION: People with infectious diseases should not use a spa.

CAUTION: Do not use the spa immediately following strenuous exercise.

CAUTION: Always enter and exit the spa slowly and cautiously. Wet surfaces are slippery.

CAUTION: To avoid damage to the pump, the spa must never be operated unless the spa is filled with water.

CAUTION: Immediately leave spa if uncomfortable or sleepy.

CAUTION: Never add water to chemicals. Always add chemicals to water to avoid strong fumes or violent reactions that may result in hazardous chemical spray.

NOTE: Please examine equipment before use. Notify Bestway at the customer service address listed on this manual for any damaged or missing parts at the time of purchase. Verify that the equipment components represent the models that you had intended to purchase.

SAVE THESE INSTRUCTIONS

SPECIFICATIONS

Capacity:	4 Adults	Massaging Turbo Blower:	600W
For Ages:	14+	Heat Element:	Stainless steel, 2,000W
Water Capacity(80%):	900L (240gal)	Pump:	50W Circulation Filter Pump
Inflated Size:	81"x31" (206x79cm)	RCD Protection:	Yes
Filled Weight:	920kg (2028lbs)	Power Cable:	4.5m
Power Rate:	220-240V AC, 2650W	Increased Heat Rate:	Approximately 1.5-2°C/h (3-4°F/h)
Temperature Capacities:	40°C (104°F).	Filtration System:	500gal/h

INSTALLATION INSTRUCTIONS

NOTE: Ensure to check all parts are present.

A: Inflatable Cover with Top Terylene Cover

B: Pump

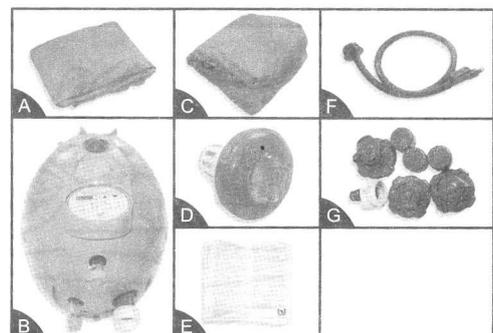
C: Spa with Terylene Cover

D: Chemical Floater

E: Repair Patch

F: Inflation Hose

G: Components



A. Site Requirements

IMPORTANT: Because of the combined weight of the Lay-Z-Spa, water, and users, it is extremely important that the base where the Lay-Z-Spa is installed is smooth, flat, level and capable of uniformly supporting this weight for the entire time the Lay-Z-Spa is installed. If the Lay-Z-Spa is placed on a surface, which does not meet these requirements, any damage caused by improper support is not covered under the manufacturer's warranty. It is the responsibility of the Lay-Z-Spa owner to assure the integrity of the site at all times.

a) Indoors Installation: Be aware of special requirements if you install the spa indoors.

- The floor must be able to withstand the capacity of the Lay-Z-Spa. The floor should be a non-slip, level surface.
- Proper drainage is essential for indoor spa installation. When building a new room for the spa it is recommended that a floor drain be installed.

- Humidity is a naturally side effect with Lay-Z-Spa installation. Determine the effects of airborne moisture on exposed wood, paper, etc. in the proposed location. To minimize these effects it is best to provide plenty of ventilation to the selected area. An architect can help determine if more ventilation is needed.

NOTE: Do not install the Lay-Z-Spa on carpet or other material that can be damaged by moisture.

b) Outdoors Installation

No matter where you install the Lay-Z-Spa, it's important you have a solid support foundation. If you are installing the Lay-Z-Spa outdoors, ensure there are no sharp objects that could damage it and that the location is level so the Lay-Z-Spa sits properly.

- During filling, emptying or when in use, water may spill out of the Spa. Therefore the Lay-Z-Spa should be installed near a floor drain.
- Do not leave the Spa's surface exposed to direct sunlight for long periods of time.

B. RCD Test

WARNING: RISK OF ELECTRIC SHOCK. The RCD plug must be tested before each use.

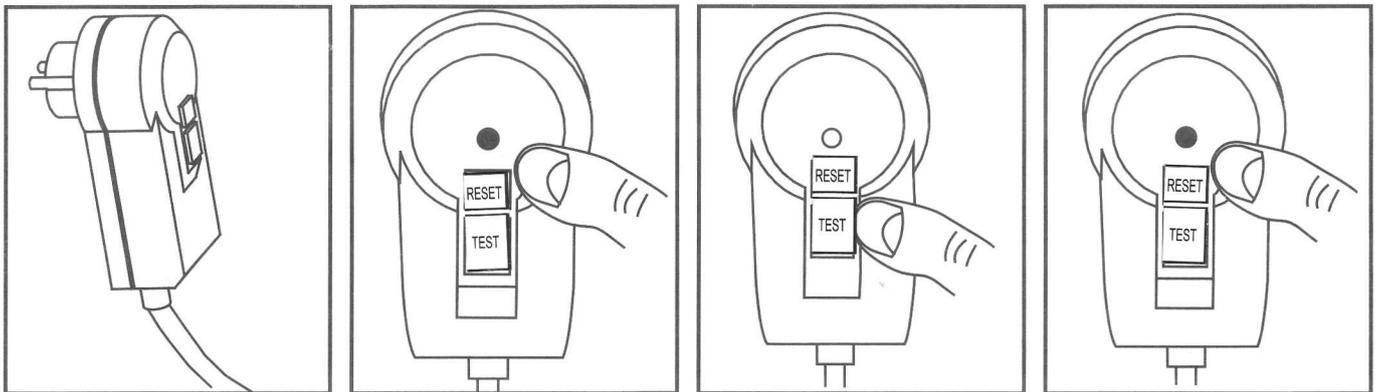
WARNING: Insert the RCD plug into a residual current device (RCD) protected power outlet only.

WARNING: Before inserting the plug into a power outlet, make sure the current rate of the power outlet is suitable for the pump.

1. Insert the plug into the power outlet.
2. Press the "RESET" button. The indicator light should turn red.
3. Then press the "TEST" button. The indicator light should disappear.

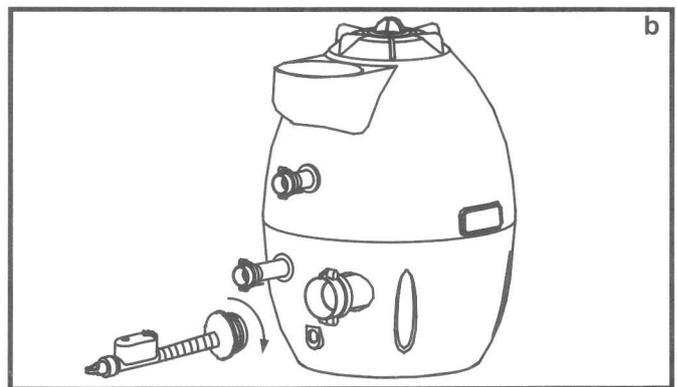
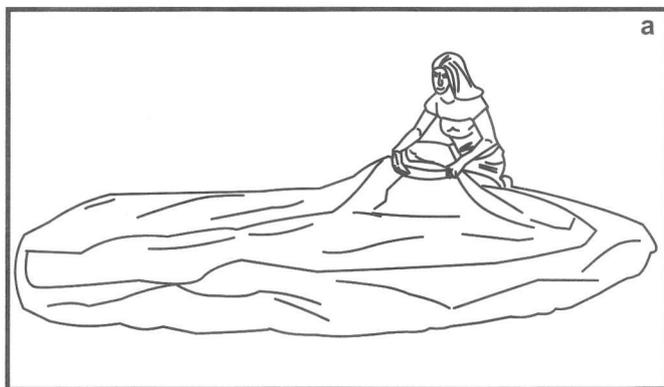
WARNING: Do not use if above test fails.

4. Finally, press the "RESET" button again. The indicator light should turn red. The Pump is ready for use.

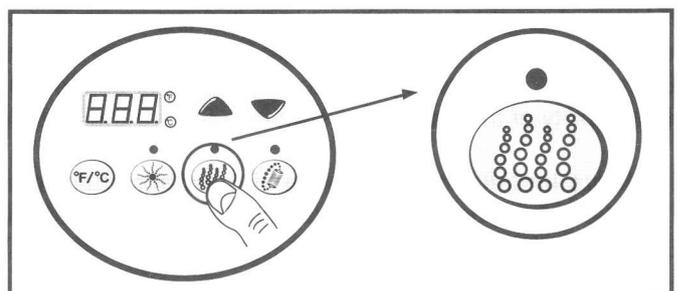


C. Assembly

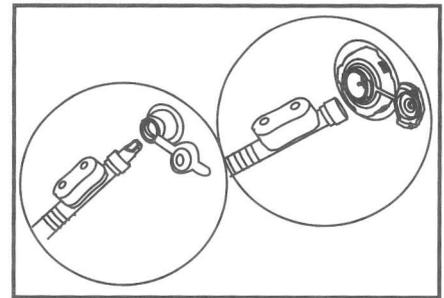
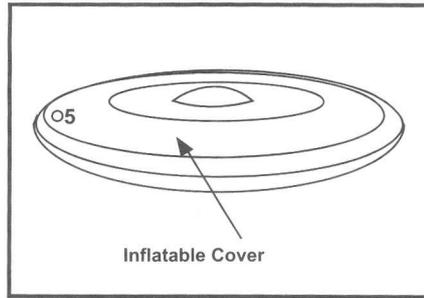
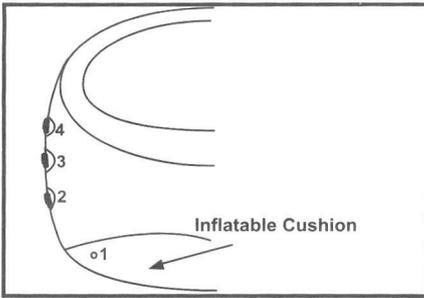
- a) Spread out the Spa and Terylene Cover making sure both are right side up.
- b) Connect one end of the Inflation Hose to Adapter A on the Pump.



- c) As previously outlined, test the Pump's RCD plug and press the (picture of the button) Lay-Z-Massage Button to activate the Pump.

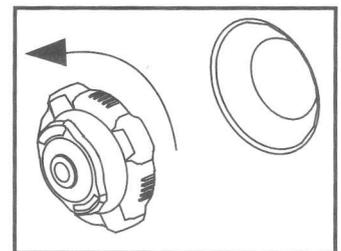
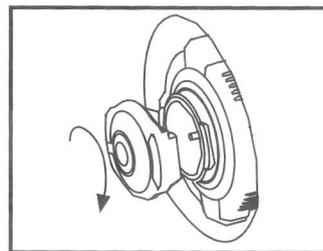
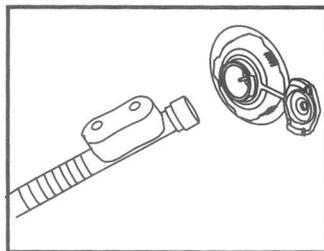
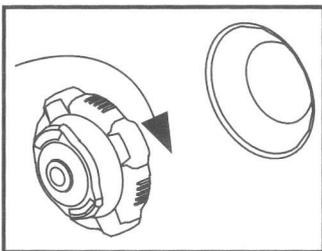


d) Please inflate the spa chambers according the numbers printed on the Spa:



TIPS: How to use the SID-Valve

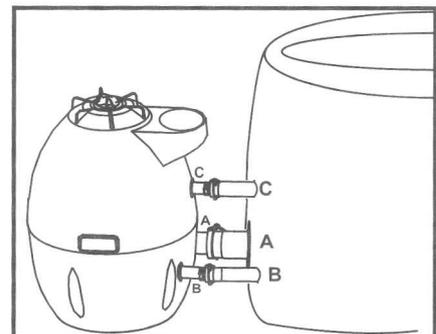
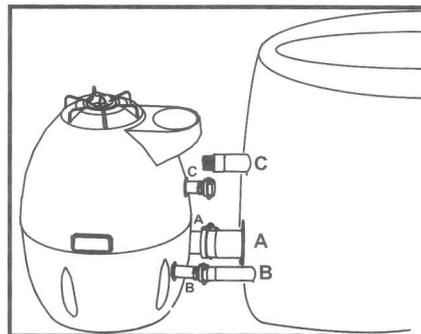
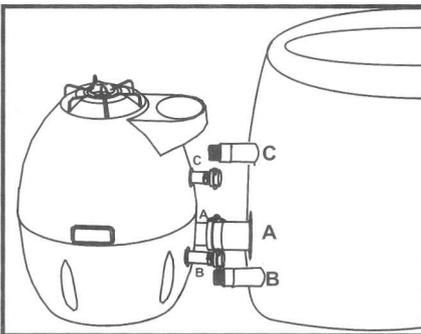
- Screw the SID-Valve onto it's base.
- Open the top of the SID-Valve, insert the inflation hose and inflate.
- Once inflation is finished, fasten the top cover of the SID-Valve.
- To deflate simply unscrew the SID-Valve counter clockwise from it's base.



e). Connecting the Pump to the Spa

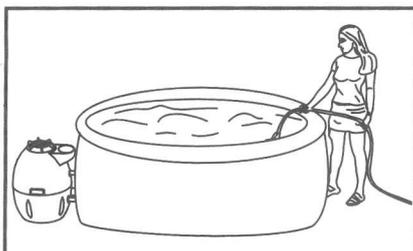
CAUTION: Be sure the Pump is unplugged before connecting it to the Spa.

- Attach the Pump's Adapter A to the Spa's Adapter A, ensure the seal is properly in place and hand tighten the Adapter until snug.
- Next, attach the Pump's Adapter B to the Spa's Adapter B, ensure the seal is properly in place and hand tighten the Adapter until snug.
- Finally, connect the Pump's Adapter C to the Spa's Adapter C the same way as the previously outlined.



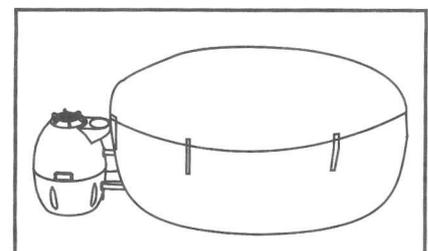
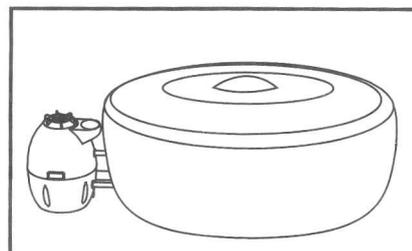
f). Fill the spa

Using a garden hose fill the Spa at least to the water level printed on the Spa wall.



g). Place the Inflatable Cover onto the Spa, next place the Top Terylene Cover over the Inflatable Cover lining up the Cover Clips and securing them in place.

WARNING: This cover is not a substitute for adult supervision; child must be supervised at all times around the Spa.



PUMP OPERATION

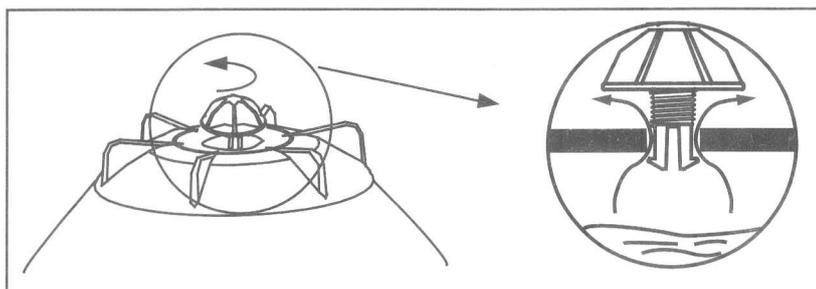
Bleeding The Air Purge Valve

CAUTION: You must ensure the Pump is prepared before operating, if you do not follow these instructions the Pump may operate abnormally. Never dry run the Pump as such this type of damage is not covered by the warranty.

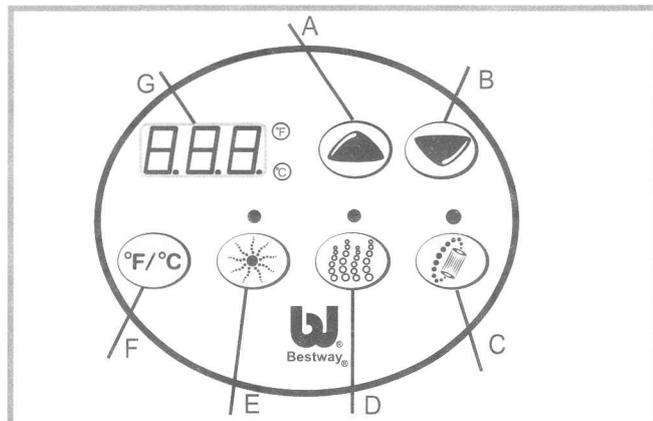
- a) Open the Air Purge Valve located on the top of the Pump by turning the screw threaded knob counter clockwise. The maximum ventilation occurs with two full turns of Air Purge Valve. Do not turn more than two rotations or the valve will unthread from the pump.

NOTE: If knob should become dislodged, simply place it back on and turn clockwise to rethread the Air Purge Valve.

- b) With the Air Purge Valve open, water will begin to flow into the pump releasing air from the system. This process will take about 1minutes depending on the amount of water in the Spa and the Pump.
 c) When water begins to fill the small depression of the Air Purge Valve, the Air Purge Valve should be closed by turning clockwise.
 d) Once the Air Purge Valve is closed wipe and dry any excess water from the Pump.



Control Panel



- A: Temperature Increase button
- B: Temperature Decrease button
- C: Water Filtration button
- D: Lay-Z Massage button
- E: Heat button
- F: Temperature Heat button mode button
- G: LED Display



LED Display: Once powered-up the LED displays the current water temperature automatically.
Temperature Mode Button: The temperature can be displayed in either Fahrenheit or Celsius. To toggle between these choices simply press this button.

NOTE: The system's default is Celsius.



Temperature Adjustment Buttons:  Increase  Decrease

Pressing the Temperature Increase or Temperature Decrease buttons will cause the LED to flash. When flashing you can enter the desired temperature setting. If you hold these buttons down the values will rapidly increase or decrease.



The new and desired temperature setting will remain on the LED display for 5 seconds to confirm the new value.

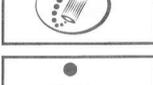
NOTE: The set point temperature defaults to 40°C(104°F) when first plugged in.

NOTE: Temperature adjustment ranges from 20°C (68°F) to 40°C (104°F).



Water Filtration Button: This button turns the Filter Pump on and off.

The light above the Water Filtration Button displays green when activated.

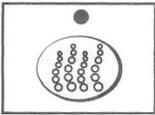


Heat Button: Use this button to activate the heating system.

The Pump does not stop heating the Spa until the current water temperature reaches 1°C higher than the set temperature.



After the current water temperature drops 2°C below the set point temperature the heating system will restart.



When the light above the Heat Button shows red the heating system is activated. When the light shows green the water is at the set temperature and the heating system is at rest.

Rapid heating system is capable of increasing approximately 1.5 to 2°C (3-4°F) per hour.

NOTE: If the heating system is activated the filtration system will automatically start - This is normal.

NOTE: After turning off the heating system the filtration system will still work. This is normal.

Lay-Z-Massage Button: Use this button to activate the massage system which has a 30-minute auto shut off feature.

The light above the Filter Button displays green when activated.

Error Message

Symptom	Problem Causes	Solutions
The LED displays 	Not connect to a grounded or grounding type receptacle	Plug into a grounded or grounding type receptacle
The LED displays  and the heating light flashes red	Water temperature too high	Unplug the Pump. When the water cools restart (If this does not solve the problem please consult us or your dealer)
The LED displays  and the heating light flashes green	Water temperature too low	If the environment temperature is below 4°C we recommend you not use the Pump
All the lights flash	Something is wrong with the Pump	Consult us or your dealer

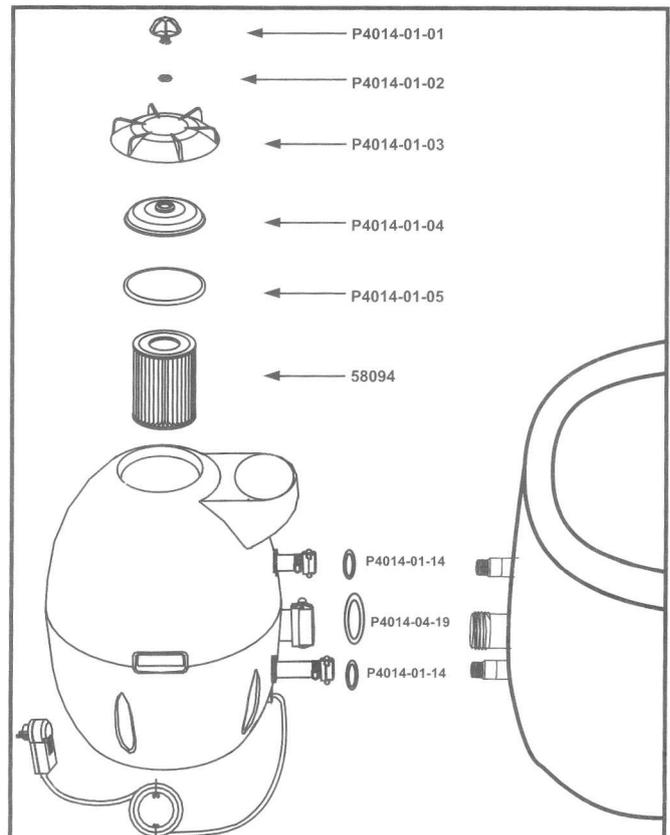
MAINTENANCE

CAUTION: You must ensure the Pump is unplugged before beginning Spa maintenance or severe risk of injury or death exists.

Filter Cartridge Cleaning / Replacement

1. Unplug the Pump.
2. In order to prevent water from flowing to the Pump, reach inside the Spa and insert the three Stopper Caps onto the Spa's inside Adapter and Skimmers. This will prevent water from escaping when cleaning or replacing the filter cartridge.
3. Remove the top of the Pump by unscrewing the Cap Retainer.
4. Remove the Cap.
5. Remove the Filter Cartridge by lifting it straight out of the Pump Housing.
6. The Filter Cartridge can be rinsed off with a garden hose and reused. However, if the Filter Cartridge remains soiled and discolored the Filter Cartridge should be replaced. It is recommended you replace Filter Cartridges every two weeks.
7. Insert the cleaned Filter Cartridge into the center of the Pump's Housing.
8. Check to make sure the Pump Cap Seal is seated correctly on the top rim of the Housing.
9. Replace the Pump Cap back into position.
10. Replace the Pump Cap Retainer and lock it into position by turning it clockwise.
11. Reach inside the Spa and remove the three Stopper Caps from the spa's Adapter and Skimmers. This will allow water to flow to the Pump.
12. Using the previously outlined steps, test the RCD plug bleed the air purge valve and restart the Pump.

NO.	NAME	NO.	NAME
P4014-01-01	Air Purge Valve	58094	Filter Cartridge
P4014-01-02	Air Purge Valve Seal	P4014-01-19	Adapter A Seal
P4014-01-03	Pump Cap Retainer	P4014-01-14	Adapter C Seal
P4014-01-04	Pump Cap	P4014-01-14	Adapter B Seal
P4014-01-05	Pump Cap Seal		

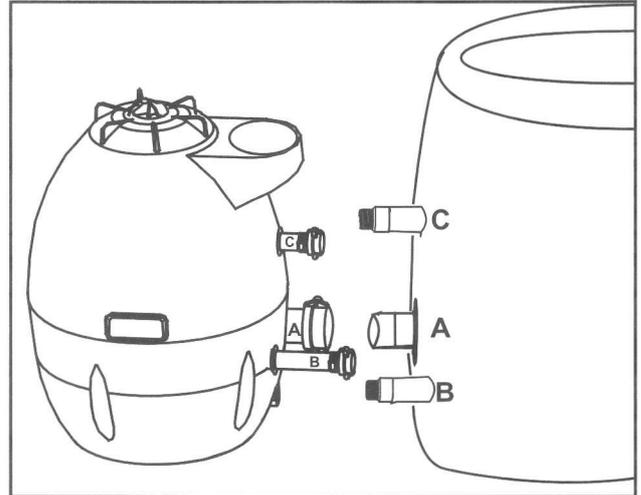
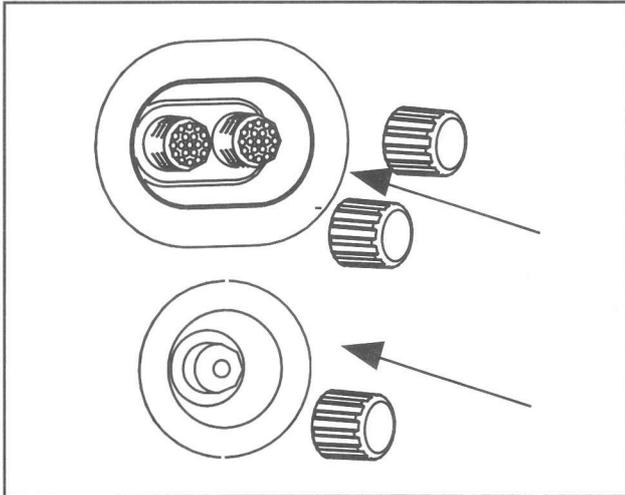


Maintaining Spa Water

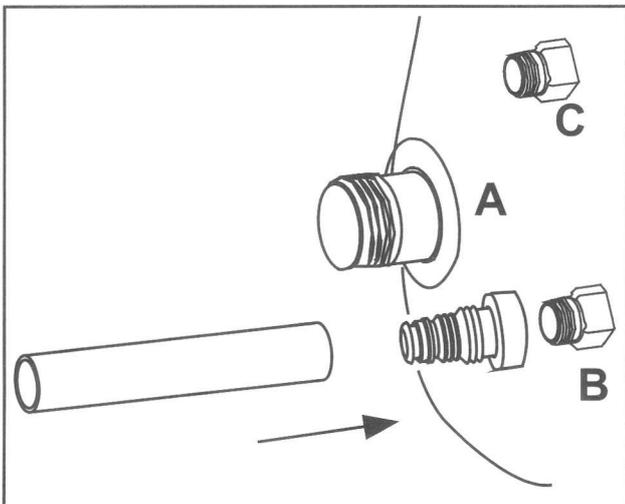
All spas require the use of pool chemicals. Please consult your local pool supply retailer for more information about chemical maintenance. Pay close attention to the chemical manufacturer's instructions. Spa damage resulting from misuse of chemicals and mismanagement of spa water is not covered by the warranty.

Drainage

1. In order to prevent water from escaping, insert the three Stopper Caps onto the Spa's inside Adapter and Skimmers.
2. Disconnect the Pump from the Spa.



3. Connect the Hose Adapter to your garden hose and attach the Hose Adapter to the Spa's B Adapter.



4. With your hose in a selected drain area, remove the lower Stopper Cap from inside the Spa to release the water. Once the water level decreases below the Spa's bottom air chamber, unscrew the SID-Valve counter clockwise from its base to deflate the chamber, doing this will allow the spa to thoroughly drain.

