



ACE[™]

Salt Water Sanitizing System

By



HotSpring
Portable Spas

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Important

WARNING: Operate the ACE salt water sanitizing system only according to these instructions.

WARNING: To reduce the risk of electric shock, replace damaged cords or cell immediately.

WARNING: Remove power from the spa before performing any maintenance or troubleshooting.

CAUTION: To avoid damage DO NOT insert any objects into the cell.

CAUTION: Prior to using the spa, check water parameters and adjust if necessary.

- When using the spa, the chlorine level must be maintained between 3-5 ppm.
- Ozone, Dichlor, MPS, and sliver are compatible with the ACE system.
- The ACE system is **NOT** compatible with bromine or BaquaSpa®/biguanide.

DISCLAIMER: This is not an automatic water care system. The system is sized for the typical user. Heavy users may need to supplement sanitizer generation with dichlor or MPS.

THE SPA OWNER IS ULTIMATELY RESPONSIBLE FOR MAINTAINING PROPER SANITARY WATER CONDITIONS.

This Owner's Manual will acquaint you with the operation of the ACE salt water sanitizing system. We suggest that you carefully review the entire Owner's Manual before using the ACE system. Please keep this manual available for reference. If you have any questions about any aspect of your ACE salt water sanitizing system's set-up, operation, or maintenance, contact your authorized Hot Spring® dealer.

Welcome

Congratulations on your purchase of the ACE™ salt water sanitizing system which generates chlorine and powerful mixed oxidants naturally, making it easy to keep spa water sparkling clean.

Product Contents

Your complete ACE salt water sanitizing system kit includes:

- Owner's Manual
- Cell (accessible through spa's filter compartment)
- Vanishing Act™ Calcium Remover
- FreshWater® Spa Salt
- Cell-cleaning Bottle
- Controller, power supply, hardware, and installation instructions

NOTE: Installation of the ACE salt water sanitizing system must be performed by an authorized Hot Spring® technician to ensure proper operation. The ACE salt water sanitizing system is compatible with all Hot Spring spas built on or after August 1, 2009. Your local Hot Spring dealer can verify if your spa is ACE system-ready.

Purchase these items separately from your local Hot Spring dealer. Not included:

- Hot Spring Freshwater Spa Care Kit – includes Concentrated Chlorinating Granules, MPS Oxidizer, pH Up, pH Down, Defoamer, Stain & Scale Defense, 5-Way Test Strips, and a Spa Water Maintenance & Troubleshooting Guide.
- Clean Screen™ Pre-Filter
- Additional Vanishing Act Calcium Removers (if necessary)

Overview of the ACE System

The ACE salt water sanitizing system makes water care easy by:

- Naturally generating active oxygen, powerful mixed oxidants like ozone and MPS non-chlorine oxidizer, and natural chlorine to keep water crystal clear.
- Generating the right amount of sanitizer needed based on spa size and Use Level, parameters that are easily input through your spa's control panel or optional IQ 2020® remote control.
- Testing for high or low salt levels, using the ACE system Salt Test.
- Increasing chlorine levels to meet high chlorine-demand situations as needed with a convenient Boost function.

Enjoy peace of mind while the illuminated water care icon and system status messages on the spa's main control panel confirm that the ACE system is keeping your spa water clean and crystal clear.

Spa Owner Responsibilities

- Balancing the pH level and Total Alkalinity to the “OK” range.

NOTE: The generation of chlorine from salt will cause the pH to drift upwards initially. Check the pH level at least once a week after initial start-up, and once a month after normal use patterns have been established. Adjust as needed to maintain water quality. An extensively high pH will cause premature failure of the system, cloudy water, and decreased effectiveness of the sanitizer.

- Maintaining low Hardness levels using the Vanishing Act calcium remover as needed.

NOTE: The ACE system works best with low levels of calcium and minerals in the water. Softened water prolongs the life of hot tub equipment, while enhancing the soaking experience. The ideal hardness level when using the ACE system is 50 ppm.

- Inputting Spa Size and Use Level.
- Checking chlorine level before each use after initial start-up to determine best Use Level to maintain healthy water quality.
- Conducting a check up every 30 days, which includes testing and balancing the spa water, and reconfirming Use Level.

NOTE: The 30-day cycle begins when the Use Level is confirmed at start-up, and resets any time the Use Level is changed or re-confirmed. The water care icon will flash as a reminder when each 30-day cycle is over.

- Establishing a chlorine residual at start up.
- Manually flushing plumbing lines by super-chlorinating or “shocking” the spa monthly.

IMPORTANT: Ensure that the chlorine level is always between 3-5ppm before using the spa. Add chlorine manually if needed.

System Status

- Water Care Icon – The water care icon, located on the icon bar below the screen of the main control panel, will be illuminated once the ACE salt water sanitizing system is installed. The icon will flash when the ACE system requires attention.
- Status Messages – The ACE system provides feedback via the spa’s main control panel. A status message will always be displayed on the main ACE salt water sanitizing system screen. Refer to the Status/Service Messages section for a complete listing of system status messages and their meanings.



Before Start-Up

1. You will need a Hot Spring® FreshWater® Spa Care Kit, which contains test strips and balancers required each time you fill your spa, along with a Clean Screen™ pre-filter. Purchase these items from your local Hot Spring dealer.
2. Fill your spa with water using the Clean Screen pre-filter.
NOTE: If you are not filling your spa for the first time, clean your filters with FreshWater Filter Cleaner or replace with new filters, before refilling spa.
3. Once your spa is filled, use a FreshWater test strip to measure the pH, Total Alkalinity, and Hardness. Use the table below to determine if your spa water is in the “OK” range. The “OK” ranges listed below are specific for use with the ACE salt water sanitizing system and may vary from the back of your test strip bottle.

ACE™ Salt Water Sanitizing System Spa Water Guidelines

Parameter	Target	Min - "OK" Range - Max	
Salt	1000ppm	750ppm	1500ppm
Hardness	50ppm	25ppm	75ppm
Alkalinity	80ppm	40ppm	120ppm
pH	7.4	7.0	7.6
Chlorine	3ppm	3ppm	5ppm

4. Adjust pH and Total Alkalinity following the instructions in the Water Quality and Maintenance section of your spa's Owner's Manual. The pH, and Total Alkalinity must be in the “OK” range as indicated in the table above, before starting the ACE system.
5. The Vanishing Act calcium remover, included with your ACE salt water sanitizing system, will help you reduce the Hardness level of the water if needed. Rinse the calcium remover with a garden hose first, then place over the heater return at the bottom of the spa for up to 24 hours. Flip and reposition the calcium remover over the heater return after 12 hours.

NOTE: The ACE system start-up procedure can begin while the calcium remover is in the spa working to decrease Hardness.

IMPORTANT: It is critical that the Hardness level is in the “OK” range of 25-75ppm to ensure effectiveness of the ACE system. Use additional calcium removers if necessary.

Start-Up and Refill Procedures

At this point your spa should have balanced water, new or properly cleaned filters, and power. The water care icon on your spa's main control panel should be flashing, indicating that action is required.

STEP 1 – Add Salt

1. With the jets running, slowly add the directed amount of salt (see SPA MODEL table on below) to the filter compartment, one cup at a time, until all salt is added.
2. Run jets an additional 5 minutes to ensure salt is totally dissolved. Note: After adding the salt at start-up, the water care icon may continue to flash and the display may read “Low Salt” if water temperature is low. Allow 24 hours for the spa to come to temperature (100-104F) before retesting or adding salt.

SPA MODEL TABLE

Spa Model	Salt (cups) or (grams)	Spa Size Value	Estimated Increase in ppm per 1 cup/290g	
Vista® / Summit*	6	1735	8	170ppm
Grandee®	6	1735	8	170ppm
Envoy®	5.75	1630	7	170ppm
Aria®	4.75	1410	6	210ppm
Vanguard®	5.25	1500	6	190ppm
Sovereign®	4.5	1360	6	220ppm
Prodigy®	4.25	1225	5	235ppm
Jetsetter®	2.75	820	3	360ppm

* 50Hz Models only

Note: Your fill water may require slightly more or less salt than what is recommended here. Your Hot Spring dealer can help you determine if there are any adjustments you should make at start-up.

STEP 2 – Access Water Care System menu

1. On the main control panel, press the *Options* hard button.
2. Press the **Water Care** soft button.

STEP 3 – Enter Use Level

1. In the Water Care System menu, press the **Use Level** soft button.
2. Adjust Use Level setting using the arrow soft buttons. The following are approximate guidelines for determining use level.
 - a. 1 = Low bather load (1 person less than 1 hour per week, vacation mode).
 - b. 2–4 = Normal bather load (1-2 persons less than 3 hours per week).
 - c. 5 = High bather load (2 or more persons more than 3 hours per week).

NOTE: If you are unsure of your Use Level at start-up, an initial Use Level of 3 is recommended. Regularly testing your water during the first weeks after start-up will help you best determine your correct Use Level setting. Test the spa water weekly following initial start-up of the ACE system. Adjust the Use Level up if the chlorine level

is low, or down if the chlorine level is high, to find the level that produces a stable chlorine level of 3-5 ppm. This will help maintain water quality. Allow 24 hours for a change in Use Level to register in the chlorine reading on a test strip.

3. Adjusting the Use Level will cause the value on the screen to flash. Once the correct Use Level is displayed, press the **Confirm?** soft button to enter your selection. The value will stop flashing, and the “?” next to the word **Confirm** will disappear.
4. Press the **BACK** hard button to return to the main menu.

RECOMMENDED: Following initial start-up, test the chlorine level of your spa once a week. Adjust the Use Level up if the chlorine level is low, or down if the chlorine level is high, to find the level that produces a stable chlorine level of 3-5 ppm. This will help maintain water quality.

STEP 4 – Set Spa Size

1. Determine the value (1-8) associated with your spa model using the Spa Model Table on page 4.
2. In the Water Care System menu, press the **Set-up** soft button.
3. Press the **Spa Size** soft button.
4. Adjust spa size using the soft buttons next to the arrows.
5. Adjusting the Spa Size will cause the value on screen to flash. Once the correct Spa Size is displayed, press the **Confirm?** soft button to enter your selection. The value will stop flashing, and the “?” next to the word **Confirm** will disappear.
6. Once Spa Size has been selected, press **Confirm?** soft button to enter your selection.
7. Press the **BACK** hard button to return to the main menu.

STEP 5 – Test for chlorine and establish residual

1. Once your spa is programmed, check the chlorine level with a FreshWater test strip. Depending on your spa model and water quality, it will take approximately 24 hours for the ACE system to generate enough sanitizer to establish a chlorine residual of 3-5 ppm.
2. Granular sodium dichlor may be added as directed on the bottle to bring the spa water to 5ppm as described in the spa’s Owner’s Manual, to create a sanitized residual until the ACE system is generating sanitizer at full capacity.
3. Allow jets to run 5 minutes per jet system (rotating the diverter valves).

NOTE: : Ensure that the Vanishing Act calcium remover is repositioned after running jets

STEP 6 – Remove Vanishing Act calcium remover after 24 hours – discard in your normal trash

1. Using a new test strip, test spa water for Hardness. If Hardness level still reads above the recommend range of 25-75ppm, additional calcium removers will be needed at this time.

IMPORTANT: Do not use the spa until the chlorine is between 3-5 ppm.

30-Day Check-up

You must check your spa water at least once every 30 days. To remind you, the ACE water care icon will flash and the status message will read, “Monthly Maintenance” at the end of each 30-day cycle. The 30-day cycle re-sets any time the Use Level is confirmed.

STEP 1

1. Use a FreshWater test strip to measure the pH, Total Alkalinity, and Hardness. Use the Spa Water Guidelines in this manual to determine if your spa water is in the “OK” range.
2. Adjust pH and Total Alkalinity following instructions in the Water Quality and Maintenance section of your spa’s Owner’s Manual.
3. To decrease the Hardness level of the water, place a new Vanishing Act calcium remover over the heater return at the bottom of the spa for 24 hours.

STEP 2 – Access Water Care system menu

1. Press the *Options* hard button, followed by the **Water Care** soft button on the spa’s main control panel.

STEP 3 – Confirm Use Level

1. In the Water Care system menu, press the **Use Level** soft button
2. If Use Level is correct, then use the soft buttons next to the up or down arrows to change the Use Level and then change it back to the original setting. If chlorine level has been too low or too high, adjust Use Level accordingly.
3. Adjusting the Use Level will cause the value on screen to flash. Once the correct Use Level is displayed, press the **Confirm?** soft button to enter your selection. The value will stop flashing, and the “?” next to the word **Confirm** will disappear. Allow 24 hours for a change in Use Level to register in the chlorine reading on a test strip.
4. Press the *BACK* hard button to return to the main menu.

NOTE: If the Use Level has not changed, you must still change the Use Level setting on the spa’s control panel and then change it back, in order to re-set the thirty day timer and stop the water care icon from flashing.

STEP 4 – Shock Spa and Plumbing Lines

1. Use a Freshwater test strip to measure chlorine levels.

2. Increase chlorine level to 5 ppm using granular sodium dichlor.
3. Activate spa's automatic clean cycle using the main control panel.

Chlorine Boost

If the spa is being used more often than usual, it may be necessary to add more chlorine to the water by "boosting" the ACE system. To increase the chlorine level:

1. Access the Water Care system menu by pressing the *Options* hard button, followed by the **Water Care** soft button on the spa's main control panel.
2. Press the **Boost** soft button.
3. Press the **Yes** soft button to confirm the manual Boost operation.
4. The system will automatically initiate a salt test before the Boost. Once salt test is complete, the status will display "Water Care System Boosting" when active.

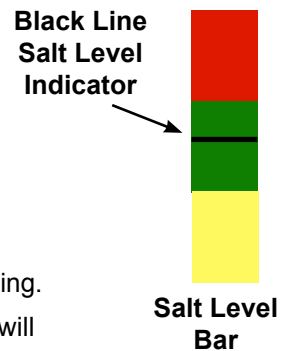
IMPORTANT: It takes 24 hours to complete the Boost cycle. The chlorine level must be maintained between 3-5ppm at all times. Manually add sodium dichlor if necessary for regular use or shocking the spa.

Salt Test

The ACE system automatically tests the water's salt level. A manual Salt Test is only required if the water care icon is flashing and the status screen indicates **High salt** or **Low salt** levels.

To conduct a manual Salt Test:

1. Access the Water Care system menu by pressing the *Options* hard button, followed by the **Water Care** soft button, on the spa's main control panel.
2. Press the **Set-up** soft button, followed by the **Salt Test** soft button.
3. The red/green/yellow salt level bar on the left side of the screen will display a black line, which indicates the salt level of the water. The green portion of the bar represents the OK range for salt, the red portion means high salt, and the yellow portion means low salt
4. Press **Yes** soft button to start the salt test and wait 20 seconds for the test to complete. Do not attempt to conduct a Salt Test while the jets are running.
 - a. If proper amount of salt is present, the screen will display "**Water Care System Functioning**".
 - b. If "**Low Salt**" or "**High Salt**" is still displayed, proceed as follows:



For Low Salt –

NOTE: A Low Salt reading may indicate the need to clean the ACE cell.

- i. If the cell is new, or has just been cleaned, review the location of the salt indicator to determine how low the salt level is.
- ii. Add (1) cup of salt to the water and circulate for 5 minutes. Activate a second salt test.
- iii. If the proper amount of salt is present, the screen will display **“Water Care System Functioning”**. If the screen still displays Low Salt, repeat the process as needed
- iv. If 50% of the spa’s recommended salt has been added and the icon continues to flash, contact your Hot Spring Service Professional for assistance.

For High Salt –

- i. Review the location of the salt indicator to determine how high the salt level is.
- ii. If the salt indicator is half way or less up the red part of the salt level bar, drain 25% of the water from the spa and refill with clean, clear water.
- iii. If the salt indicator is more than half way up the red part of the salt level bar, drain completely and refill following the Start-up and Refill Procedure.
- iv. Run the jet pumps for 5 minutes, then conduct another manual Salt Test.
- v. If the proper amount of salt is present, the screen will display **“Water Care System Functioning”**. If the screen still displays High Salt, repeat steps iii and iv as needed.

IMPORTANT: The salt level reading can be affected by cell age, scale build-up, water temperature, dirty filters, or dirty water. A salt test strip can be used to manually verify the system’s salt level reading.

Cell Cleaning

Periodic cleaning of the ACE cell is recommended to maximize the life of your equipment. Use of the Vanishing Act calcium remover will help reduce the cleaning frequency. On average, the cell should be cleaned every 3 months. When the status message on the screen indicates Low Salt and the water has not been changed or topped off recently, it may be time to clean the cell.

1. Turn off the power to the spa. Open the spa cover and remove the filter lid.
2. Unscrew gray filter cap and gently pull the cell out of the filter.
3. Unscrew the lid to the cleaning bottle included with the ACE system and fill with spa water to the fill-line indicated on the bottle. Add 1 tablespoon of pH down to the cleaning bottle and secure lid. Shake bottle to create cleaning solution.
4. Remove the lid from the cleaning bottle. Place the cell in the bottle, ensuring that the bottom of cell is floating.

5. Soak the cell for 10 minutes or until bubbles stop coming from the cell. If bubbles are still releasing from the cell after 10 minutes, change the cleaning solution and repeat.
6. Replace cell into the filter standpipe. Screw on the gray filter cap, replace the filter lid, and power up the spa. Ensure that the cell is at the bottom of the filter standpipe by feeling for the pull of the pump's suction.

IQ 2020® Remote Control (Optional Accessory)

The IQ 2020 remote control has the same control capability as the spa's main control panel.

1. To access the ACE system menus, press the MODE button until **CHEM+** is displayed on the screen.
2. Press the (+) button to enter into the ACE system menus. The word **ADD** will appear on the screen.
3. Press the MODE button to scroll through the ACE system menus.
4. To change a setting, find the desired menu, press the (+) button to enter that menu. Press the (+) again to change the setting. Press the (-) button once to set a new setting, and a second time to confirm.
5. To exit the ACE system menus, press the MODE button until the **EXIT** screen is displayed. Press the (+) button to exit.

Tips

- **Vacation or limited use.** When the spa is not going to be in use, shock the spa by increasing chlorine to 3-5 ppm and then run the automatic clean cycle. Clean or replace filters. Lower Use Level setting to 1. For extended vacations, also lower the Spa Size by 50%.
- **Water Changes.** Because the ACE salt water sanitizing system reduces the amount of chemicals added to the spa water, it is possible to significantly extend the life of the water. Test your water regularly to ensure safety.
- **If heavy bathing is expected.** Initiate a Boost a few hours prior. Periodically measure the chlorine and add granular sodium dichlor as need.
- **MPS use.** Granular MPS (Potassium Peroxymonosulfate) can be used in place of sodium dichlor to establish a sanitizer residual at start-up, and for shocking the spa at each 30-day check up. Use FreshWater MPS test strips to measure MPS levels in the spa water.
- **Mixed Oxidants.** To clean the water, the ACE salt water sanitizing system generates a variety of mixed oxidants, in addition to chlorine. The chlorine reading on the test strip may not be indicative of total oxidizer level.
- **Ozone.** The ACE salt water sanitizing system is safe to use with ozone; however, except for in extremely high use situations, it is not recommended. When an ozone system and the ACE system are used in

conjunction, the additional ozone generated may make the cleaners generated by the ACE system less effective.

- **Stain and Scale Defense use.** The use of FreshWater Stain and Scale Defense, or other anti-scaling products, is **not recommended** with the ACE salt water sanitizing system as it may contribute to the need for more frequent cell cleaning. Use the Vanishing Act calcium remover to keep total hardness levels low and minimize the need for these types of water care products.
- **Phosphates.** High levels of phosphates (above 300 ppb) may cause reduced sanitizer output, ask your local Hot Spring® dealer to help you test for phosphates.

Troubleshooting

- **Water Care Icon flashes.**
 - Attention is needed. Access the ACE system menus on the main control panel to read the status message (see below).
- **The water is cloudy:**
 - Use FreshWater test strip. If chlorine is low, manually add granular dichlor as needed, or initiate a chlorine Boost.
 - Check filters and clean as needed (see your spa's Owner's Manual).
 - Use a FreshWater® test strip to check spa pH level. Add pH down as needed.
- **Sanitizer levels are always too low:**
 - Check that Spa Size is at the correct settings. A low spa size number will generate less sanitizer.
 - Check Use Level. Your bather load may require you to increase the setting to a higher number.
- **Low salt reading:**
 - Water temperature may be low. Allow water temperature to reach 100F/ 37.5C and re-test.
 - Filters may be dirty. Remove cell from filter and place in main tub. Re-test the salt level. If the salt shows in the OK range, replace or clean the filters as needed.
 - Cell may require cleaning. Review Cell Cleaning section.
 - Cell may need to be replaced.
- **Water Care icon is not lit when Main Control Panel is illuminated:**
 - Contact your local authorized Hot Spring® dealer.

NOTE: You may continue to use your spa as long as the chlorine level on the FreshWater test strip is in the OK range.

System Status Messages

Status Message On Screen	Meaning or Action Required
Water Care System Functioning	Operating normally
Water Care System Boosting	Increasing Chlorine level
Water Care System Testing Water	Salt test initiated/in progress
Water Care System Monthly Maintenance	30-day user input required
Water Care System Offline - Circ Pump	Non-operational (Summer Timer on/Circ Pump is off)
Water Care System Offline - High Salt	Non-operational High salt level detected - Correct salt level Clean/Inspect Cell
Water Care System Low Salt/Clean Cell	Low salt level detected - If salt level is okay, then Clean/inspect cell
Water Care System Contact Dealer For Service	Contact Dealer For Service

Important Additional Information

WARNING: Operating ACE without water flow through the cell can cause a build up of flammable gas.

WARNING: To reduce the risk of injury, do not permit children to operate this device.

WARNING: Spa usage and higher temperatures may require higher chlorine output to maintain proper free available chlorine residuals.

Maintaining high salt and chlorine levels above recommended range can contribute to corrosion of pool or spa equipment.

Check the expiration date of test strips as test results may be inaccurate if used after that date.

The life expectancy of the electrolytic cell is 14,000 hours of operation under normal use conditions.

When replacing the cell, only use replacement cells having a label that clearly states that it is a replacement cell for the chlorine generating ACE device.

Follow all aspects of the local and National Electrical Code(s) when installing ACE.

For proper sanitation, spas must be completely drained periodically. The number of days between COMPLETE SPA DRAINAGE is equal to the volume of spa water in liters, divided by 10 times the maximum number of daily spa users. Refill spa with water and repeat DIRECTIONS FOR USE of the device.

People with a medical condition should consult a physician before entering spa.

Maximum spa water usage temperature is 104° F (40° C). Bathing in spa water at maximum temperature should not exceed 15 minutes.

Specifications

- System designed to treat 500 gallons (1890 liters).
- The maximum output of hypochlorous acid equivalent to 16 grams of free available chlorine per day.
- Input: 100-240VAC 0.55A 50/60Hz
- Output: 12VDC 1.67A

Customer Service

If you have any questions about your ACE salt water sanitizing system that have not been answered by this manual, consult your authorized Hot Spring dealer.

Watkins Manufacturing Corporation can be reached at: 1-800-999-4688

(extension 8432) Monday through Friday, 8 a.m. to 5 p.m. Pacific Standard Time (PST) or e-mail custsvc@watkinsmfg.com.

Watkins Manufacturing Corporation, 1280 Park Center Drive, Vista, CA 92081

ACE™ Salt Water Sanitizing System Warranty

One-Year Limited Warranty

Watkins warrants to you, the original consumer purchaser, that the components of the ACE salt water sanitizing system will be free from defects in materials and workmanship for one year.

Extent of Warranty

This warranty extends only to the original consumer purchaser of the ACE salt water sanitizing system when purchased and originally installed within the boundaries of the United States. This warranty begins upon installation of the spa. This warranty terminates upon any transfer of ownership, or if the spa is installed or relocated outside the boundaries of the United States by the original consumer purchaser prior to the expiration of the warranty period.

Warranty Performance

To make a claim under this warranty, contact your dealer. In the event you are unable to obtain service from the dealer, please contact Watkins Manufacturing Corporation, 1280 Park Center Drive, Vista, California, 92081. Attn: Customer

Service Department (800) 999-4688 or via e-mail, custsvc@watkinsmfg.com. You must give Watkins and/or your dealer written notice of any warranty claim, along with a copy of your original purchase receipt indicating the date of the purchase, within ten (10) days of the time you discover the claim. Watkins reserves the right to inspect the malfunction or defect on location.

Watkins or its Authorized Service Agent will repair any defects covered by this warranty. Except as described herein, you will not be charged for parts, labor or the freight costs for parts necessary to repair the ACE system for defects covered by this warranty. In some cases, the servicing dealer may charge you a reasonable repairperson travel/service charge that is not covered by this warranty. Please contact the dealer for information regarding any such charges.

Limitations

Except as described above, this warranty does not cover defects or damage due to normal wear and tear, improper installation, alteration without Watkins' prior written consent, accident, acts of God, misuse, abuse, commercial or industrial use, use of an accessory not approved by Watkins, failure to follow Watkins' Owner's manual, or repairs made or attempted by anyone other than an authorized representative of Watkins. Alteration includes, but is not limited to, any component change, or electrical conversion. Visit www.hotspring.com or contact your dealer for a list of manufacturer approved accessories.

Disclaimers

TO THE EXTENT PERMITTED BY LAW, WATKINS SHALL NOT BE LIABLE FOR LOSS OF USE OF THE SPA OR OTHER INCIDENTAL OR CONSEQUENTIAL COSTS, EXPENSES OR DAMAGES, INCLUDING BUT NOT LIMITED TO THE REMOVAL OF ANY DECK OR CUSTOM FIXTURE OR ANY COST TO REMOVE OR REINSTALL THE SPA, IF NEEDED. Some states do not allow limitation or exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. **ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THE APPLICABLE WARRANTY STATED ABOVE.** Some states do not allow limitations on how long an implied warranty may last, so the above limitations may not apply to you.

Legal Remedies

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



IMPORTANT: Watkins Manufacturing Corporation reserves the right to change specifications or design without notification and without incurring any obligation.

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