

FreshWater Replacement
Cell PN 1749601

Replacement cell for the
chlorine generating device:

FreshWater Salt System

REGISTRATION NUMBER
33577, PEST CONTROL
PRODUCTS ACT

This cell must only be used
on this model of chlorine
generating device.

PN 1749601 REV A

Read the Label, the
Installation Manual and
Operation Manual of the
chlorine generating
device FreshWater Salt
System before using.

Watkins Manufacturing
1280 Park Center Dr.
Vista, Ca 92081
800-999-4688

FRESHWATER SALT SYSTEM
CHLORINE GENERATOR
CONTROLS BACTERIA AND ALGAE
In Spa Waters
DOMESTIC

A maximum of 2000 L of water can be treated with the one FreshWater Salt System unit. Maximum output of hypochlorous acid equivalent to 17.4 g of free available chlorine per day

A range of 3-5 ppm of free available chlorine must be maintained.

READ THE LABEL AND OPERATING MANUAL BEFORE USING
KEEP OUT OF REACH OF CHILDREN
REG. NO. 33577 *PCPA*

WARNING: operating FreshWater Salt System without water flow through the cell can cause a build up of flammable gases which can result in FIRE OR EXPLOSION.

WATKINS MANUFACTURING CORPORATION
1280 PARK CENTER DRIVE

800-999-4688

INSTALL THIS LABEL ON OR NEAR FRESHWATER SALT
SYSTEM CONTROLLER PN 1749701 REV A



Salt System Owner's Manual

DOMESTIC

READ THE LABEL AND OPERATING MANUAL BEFORE USING
KEEP OUT OF REACH OF CHILDREN
REG. NO. 33577 *PCPA*

WATKINS MANUFACTURING CORPORATION
1280 PARK CENTER DRIVE

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Safety Instructions

Important Safety Instructions (Read, Follow, and Save All Instructions)

WARNING: Operate the FreshWater Salt System only according to these instructions. Do not use this device with bromide products.

WARNING: Do not energize or operate the unit if the cartridge housing is damaged or improperly assembled.

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

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

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

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. Supplement sanitizer generation with Sodium Dichlor (chlorine), liquid Sodium Hypochlorite (chlorine), or Monopersulfate (MPS) as needed. The system is compatible with chlorine, MPS, and silver. It is NOT compatible with bromine or BaquaSpa® (biguanide).

CAUTION: Do not use Calcium Hypochlorite or Trichlor tablets with system.

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

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

Carefully review the entire Owner's Manual before using the FreshWater Salt System, and keep this manual available for reference. If you have any questions about your FreshWater Salt System setup, operation, or maintenance, contact your authorized dealer.

Overview of the System

Congratulations on the purchase of your FreshWater Salt System. This system generates chlorine to simplify water care while providing better quality water that's softer, clearer, and cleaner to enhance your spa experience. With proper care of your FreshWater Salt System, the life of your spa water can last up to 12 months.

The Cartridge - Installed in a housing that is easily accessible from the top of your spa, the cartridge contains electrodes that generate active chlorine. Depending upon your spa usage, and with proper water care, the average cartridge lifespan is four months.

Spa Cleaning Cycle - The spa cleaning cycle is the amount of time the FreshWater Salt System needs to clean your water before a measurable amount of chlorine is generated. During this time, you will not get a chlorine reading on your test strip. Should you want to use your spa before the FreshWater Salt System builds up and maintains a chlorine level, simply add chlorine per dosing instructions on the bottle.

Calcium Hardness - To ensure effectiveness of the system and maximize cartridge life, the calcium hardness level of the water must be between 25-75 ppm at all times. The calcium hardness will increase over time, so a maximum starting target of 50 ppm is recommended; this will also help maximize the cartridge life.

Start-up Kit

Your Start-up Kit includes the following products:

- Vanishing Act® Calcium Remover
- FreshWater Salt Test Strips
- FreshWater 5-Way Test Strips
- FreshWater Spa Salt
- Salt Cartridge (installed by your dealer)
- Salt Controller (installed by your dealer)
- FreshWater Salt System Owner's Manual
- FreshWater Salt System Start-up Guide

Recommended products sold separately:

- Clean Screen® Pre-Filter
- pH/Alkalinity Up and pH/Alkalinity Down
- Chlorine granules or Liquid Sodium Hypochlorite Chlorine
- Silver Cartridge

IMPORTANT: Do not use Calcium Hypochlorite or Trichlor tablet with this system.

Consult your dealer to determine if these products are needed.

- Vanishing Act Calcium Remover XL
- On The Go® Portable Water Softener allows you to fill your spa with softened water at start-up and when you need to top the spa off. If you live in a region with high calcium hardness, we highly recommend the On the Go portable water softener.

IMPORTANT: First-time users and those who are not familiar with the spa should have the spa Owner's Manual available to use when necessary.

Getting Started

Filling Your Spa with Water

IMPORTANT: Power must always be OFF when spa is empty. Take a sample of your tap water to your dealer before filling your spa to determine if your water contains high levels of calcium and/or metals.

It is recommended to fill your spa using the Clean Screen Pre-filter (with the valve 50% closed at a 45° angle). Softened water may be used with the FreshWater Salt System to fill the spa to the specified calcium hardness level.

If you have a calcium hardness level above 300 ppm, fill the spa using the On The Go (sold separately) portable water softener or other soft water source. Ensure the calcium hardness is not lower than 25 ppm by topping the spa off with a small amount of tap water as necessary.

If you are filling with well water or have metal issues, see **Treating for Metals** on page 6.

NOTE: If you are already using your spa, it is recommended to drain and refill your spa water. Clean your filter(s) with a recommended filter cleaner or replace with new filter(s) before refilling the spa.

System Start-up

1. Once spa is filled with water

- Turn power ON.
- Check operation of jet systems (see spa Owner's Manual).
- Update temperature setting if desired (see spa Owner's Manual).
- Treat for metals as needed (see **Treating for Metals** on page 6).

2. Test and balance spa water using a FreshWater 5-Way test strip. Measure pH, alkalinity, and calcium hardness levels to determine if your water is in the OK ranges specified for the system (see table below) and adjust as needed.

System Parameter	Target	OK Range	
		Min	Max
Salt	1,750 ppm	1,500 ppm	2,000 ppm
Calcium Hardness	50 ppm	25 ppm	75 ppm
Alkalinity	80 ppm	40 ppm	120 ppm
pH	7.4	7.2	7.8
Chlorine	4 ppm	3 ppm	5 ppm

3. Add salt one cup at a time to the filter compartment with jets running. Run jets for five minutes to allow salt to dissolve. Verify salt level with FreshWater Salt Test Strips. Add 660 g (2½ cups) of salt per 380 litres (100 gallons) of water (see **Appendix** on page 13).

4. Add chlorine as directed on the bottle to create a chlorine residual of 5 ppm. Allow jets to run for five minutes per jet system, rotating diverter valves. It is very important that you shock the spa water with chlorine at start-up.

Skipping this step can prevent the system from establishing a chlorine residual.
NOTE: Shock is a process of adding significant doses of a quick-dissolving chlorine to oxidize non-filterable organic waste and to remove chloramines and bromamines.

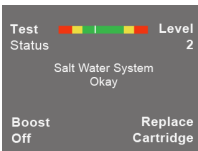
5. Reduce calcium hardness if needed.

Use Vanishing Act Calcium Remover. The standard-size Vanishing Act Calcium Remover (included) can remove up to 100 ppm of calcium hardness from spa water after the hot tub has been filled, or after the spa has been topped off. The larger Vanishing Act Calcium Remover XL (sold separately) can remove up to 300 ppm. Follow Vanishing Act Calcium Remover label instructions and reference your spa Owner's Manual

6. Set output level. Access the FreshWater Salt System menu by following the spa Owner's Manual instructions. Within the system screen, you can easily verify the system status, test the system, adjust the output level, or activate a system Boost.

You will see one of the three screens below on your spa's control panel.

Output level 0=system off, 10=maximum output.



Button Display



Touch Screen Display



Touch Screen Display

The recommended initial output level is 5-7 (see **Appendix** on page 13). Your setting may change once you begin to use the spa. Consult dealer for initial settings and/or individual circumstances.

NOTE: It may take up to 24 hours for the system status to register in the OK range of the system status bar.

24 Hours Later

Test spa water with a FreshWater 5-Way Test Strip.

1. Adjust alkalinity and pH as needed.
2. If calcium hardness is above the initial target of 50 ppm, use a new Vanishing Act Calcium Remover and repeat process to soften the water.
3. Add chlorine to the water to achieve a chlorine level of 3 ppm. Repeat this as needed until your test strip shows that the system is sustaining a minimum of 3 ppm residual of chlorine in the water.
 - If there is no measurable amount of chlorine in the spa water after 24 hours, the system is still cleaning the water. Increase the output level as needed. It may take the system a few days to clean the spa water and keep up with your chlorine demand.

Ongoing Maintenance

1. **It is recommended to test and balance your spa water before each use.**

- The pH level may increase during the first few weeks after start-up. Add pHDown if needed. Ensure that pH and alkalinity levels stay within the OK range.
- Keep total calcium hardness between 25-75 ppm. Use a new Vanishing Act Calcium Remover when calcium hardness is above 75 ppm.
- The recommended chlorine level is between 3-5 ppm. Adjust output level up or down to maintain the chlorine level. Supplemental chlorine can be added if the spa is set to the max output level or to speed up residual generation. You can reduce the chlorine level in the spa water by adding hydrogen peroxide (see **High Chlorine** on page 8).

2. **10-day system check - Test the spa water & confirm output level**

You should test your spa water and confirm output level at least once every 10 days. A system check reminder will appear on your spa control panel.

- a. Test and balance spa water** using a FreshWater 5-Way Test Strip. Measure chlorine, pH, alkalinity, and calcium hardness levels to determine if your water is in the OK ranges specified for the system. Adjust as needed. Reduce calcium hardness if necessary to maintain a range between 25-75 ppm by using the Vanishing Act Calcium Remover.
- b. Confirm output level**
 - i. Adjust your output level** as needed to maintain a 3-5 ppm chlorine residual.
 - ii. Press the Confirm or OK button** to clear the 10-day system check reminder.

If you don't press the Confirm / OK button on your spa screen within 15 days, your FreshWater Salt System will automatically lower the output level.

- Day 15 - Output level automatically lowered to 3.
- Day 20 - Output level automatically lowered to 1 (Vacation/Low Output Mode).

3. **Replace FreshWater Salt System cartridge**

The chlorine-generating cartridge in the system will typically need replacement after four months of operation. The cartridge can be changed at any time.

1. Follow instructions on control panel to replace cartridge.
2. Remove cap.
3. Press button (on top of cartridge) to remove cartridge.
4. Insert new cartridge. Press button on top of cartridge and push into place.
5. Secure cap. Follow instructions on control panel.

Features

Output Level

The system cleans the water throughout the day. The output level of 0-10 determines how long the system runs each day. Observe your spa usage patterns and measure the chlorine level to guide your output level. Adjust output level up or down to increase or decrease output. Keep your output level as low as possible to maintain 3-5 ppm chlorine.

Output Level

0	No output/System off
1	Vacation/low output mode
2-7	Normal use (recommended)
8-9	High use
10	Maximum output (system runs constantly)

Turning the system off

By setting output level to 0, the system will stop generating chlorine. You will need to manually maintain the sanitizer level using chlorine if the system is off.

Vacation or limited use

When the spa is not going to be in use, shock the spa by increasing chlorine to 3-5 ppm while running the automatic clean cycle. Clean or replace filter(s). Lower output level to 2. For extended vacations (two or more weeks), set output level to 1 for low output mode.

Boost

The Boost feature activates the cartridge at output level 10 for 24 hours, overriding the current output level. The system returns to its previous output level once the Boost cycle is over. Use the Boost function to gradually increase the chlorine level before or after high spa usage. Spa can be used while in Boost mode.

Chlorine can also be manually added to create an immediate chlorine residual to assist the system (due to heavy spa usage) in building a sanitizer residual.

Status Test

The status test shows you if the system is performing optimally. It reflects a number of elements that can impact performance, including the salt level, cartridge status (clean/dirty), and water temperature. The status automatically updates every 30 minutes. You can manually update the system status by activating the status test using your control panel.

Green - System is optimal.

Yellow OK - System is OK but should be monitored (see **Troubleshooting** on page 7).

Red LOW - The system needs your attention and is NOT generating chlorine. The cartridge may be expired, or the salt level may be low (see **Troubleshooting** on page 7).

Red HIGH - The system needs your attention and is NOT generating chlorine. The salt level is high (see **Troubleshooting** on page 8).

Status Message on Screen	Meaning or Action Required
Okay	Operating normally
Inactive-System Off	System Off Output level is set to 0
System Testing	System test initiated/in progress
24-Hour Boost Cycle On	Increasing chlorine level Output level is set to 10 for 24 hours
<ol style="list-style-type: none"> 1. Dip Test Strip 2. Balance Water 3. Soften Water 4. Adjust Level & Confirm 	5-Way Test Strip 10-day verification Test water, adjust output level, confirm Salt test strip
Inactive-Summer Timer On	System is disabled for eight hours when Summer Timer is active
Inactive-High Status <ol style="list-style-type: none"> 1. Dip Salt Strip 2. Check/Replace Cartridge 	Non-operational high salt level detected - correct salt level; check/replace cartridge
Inactive-Low Status <ol style="list-style-type: none"> 1. Dip Salt Strip/Clean Filter 2. Check/Replace Cartridge 	Test water with salt test strips and add salt if needed. Check/clean filter. Replace cartridge.
Cartridge Reached 4 Months Replace Cartridge?	Replace cartridge now or postpone 7 days
Remove Cartridge Now	Step 1 of cartridge change process
Insert New Cartridge	Step 2 of cartridge change process
Press System Restart	Step 3 of cartridge change process
Salt System Restarting...	Step 4 of cartridge change process
Service Required Contact Dealer Error #	Contact dealer for service

Troubleshooting

Treating for Metals

High metal content can cause staining and discolored water. It is important that metals are removed before starting up the Salt System.

1. Fill the spa with the Clean Screen pre-filter per instructions.
2. Ensure that there is no ozone unit installed and that the Salt System is turned to zero.
3. Add Stain and Scale metal control according to the instructions on the bottle.
4. Use a new Vanishing Act Calcium Remover (following the instructions).
5. DO NOT add chlorine for at least 24 hours.

NOTE: Do not use the spa until metal treatment is complete and chlorine is added.

System Status OK (Yellow)

The system continues to generate chlorine and operate normally when status reading is yellow. Monitor the following:

- Salt Level. High or low salt level will shift the status reading, high salt (yellow right) or low salt (yellow left).
- Low water temperature will lower the status reading (yellow left).
- Dirty filter(s) will lower the status reading (yellow left).
- Cartridge wear will lower the status reading (yellow left).

System Status Low (Red Left)

The system status reading can be affected by cartridge age, scale buildup, cold water, high chlorine, dirty filter(s), or dirty water.

1. Verify water temperature

The status reading will read lower in cooler water. To get an accurate status reading, ensure water is above 35° C (95° F).

2. Verify salt level

Use a salt test strip to measure salt level. If the test strip shows salt level is low:

- a. Add 285 g (1 cup) of salt to the water and circulate for five minutes.
- b. Retest with a salt test strip, and repeat until salt level reads in the OK range.
- c. Press Test Status button. If System Status still reads low, check for other conditions noted above.

3. Verify chlorine level

Use a FreshWater 5-Way Test Strip to measure chlorine level. If the test strip shows the chlorine level is high (above 5 ppm):

- a. Add (240ml (1 cup) hydrogen peroxide with jets running. Check chlorine level after 10 minutes.
- b. Retest with a test strip and repeat as needed.

4. Visually inspect and clean filter(s) (refer to spa Owner's Manual).

5. Check cartridge

- a. Press Test Status button to refresh.
- b. If the system status message continues to read low, it may be an indication that it is time to replace the cartridge. Obtain a replacement cartridge, press the Replace Cartridge button, and follow the instructions.

System Status High (Red Right)

If the status indicator is in the red (on the right), this typically indicates that there is too much salt in the water.

1. If the status reading is less than halfway in the red, use a salt test strip to measure salt level. If the test strip shows salt level is high (above 2,000 ppm):
 - a. Drain 25% of the water from the spa and refill with clean, clear water.
 - b. Retest with a salt test strip, and repeat until salt level reads in the OK range.
 - c. Press Test Status button to refresh.
2. If the salt indicator is more than halfway in the upper red section, drain completely and refill following the **Getting Started** section on page 2.

Cloudy Water

Cloudy water can be the result of a number of issues.

- **High pH.** Use a FreshWater 5-Way Test Strip to check spa pH level. Add pH Down as needed.
- **Low chlorine.** Use a FreshWater 5-Way Test Strip. If chlorine is low, manually add chlorine as needed to shock spa to 5 ppm.
- **Dirty filter.** Check filter(s) and clean as needed (see your spa Owner's Manual).

No Chlorine Reading

The system cleans spa water differently than manually added chlorine. Since the water is cleaned before the chlorine residual is established, only a small chlorine residual is needed. If there appears to be no chlorine in the water:

- **Check output level.** If you are using the spa frequently or have the Summer Timer on, your use level may require you to increase the output level to a higher number.
- **Shock.** Boost system or manually add chlorine to clean the water and develop a chlorine residual.
- **Increase salt level.** Keep the salt level near the high end of the OK range (2,000 ppm) to ensure maximum chlorine generation.
- **Consult your dealer** about changing the internal system output level.
- **Cyanuric acid lock.** If you add dichlor to shock or supplement your water and your chlorine reading is back to 0 (zero) ppm, it is possibly your salt system is reacting to your specific water chemistry or metal content and is being inhibited by the cyanuric acid from the dichlor. Consult your dealer about switching to un-stabilized liquid chlorine (sodium hypochlorite) to correct and stabilize your water chemistry.

IMPORTANT Shock the spa water with chlorine at start-up. Skipping this step can prevent the system from establishing a chlorine residual.

If the system is running at the maximum output level and still cannot keep your chlorine in range, manually add chlorine.

High Chlorine

The system will continue to produce chlorine according to the selected output level, regardless of whether you use your spa or not. If you begin to use your hot tub less frequently, it is important that you lower the output level.

If the chlorine level is too high:

- **Check output level.** You may need to decrease the output level to a lower number.
- **Reduce chlorine.** Add 240ml (1 cup) hydrogen peroxide with jets running. Check chlorine level after 10 minutes and repeat as needed.
- **Consult your dealer** about changing the internal system output level.

Tips

- **Calcium Hardness:** Use the Vanishing Act Calcium Remover to keep total calcium hardness levels low and minimize the need for anti-scalant & metal control. An On The Go portable water softener is recommended for high calcium hardness areas.
- **Heavy Use:** Initiate a Boost cycle a few hours prior to heavy use. Periodically test the chlorine and add chlorine as needed.
- **MPS Use:** Granular Monopersulfate (MPS) can be used in place of chlorine to establish a sanitizer residual at start-up and for shocking the spa. Use MPS test strips to measure MPS levels in the spa water if MPS is preferred. **NOTE:** MPS and MPS test strips are sold separately.
- **Metal Treatment:** If metals are present, be sure to discuss this with your dealer. Use Vanishing Act Calcium Remover and Stain and Scale control for 24 hours before adding chlorine or turning the system on. Excessive use of phosphate anti-scalant will promote high phosphate levels, which can cause scale and weaken chlorine output.
- **Ozone:** Ozone is not recommended with the FreshWater Salt System.
- **Phosphates:** High levels of phosphates (above 300 ppb) may cause reduced sanitizer output. Ask your local dealer to help you test for phosphates.
- **Salt Level:** Salt is not reduced during sanitizer production. The salt level is only reduced by adding water to the spa. Using the spa and adding chemicals will increase the salt level over time.
- **Salt Buildup:** Periodically hose off your spa, spa steps, and the deck or concrete surrounding your spa after use to prevent salt buildup that can occur from splash-out.
- **Summer Timer:** The Summer Timer mode will decrease the chlorine generation time of the system. If the Summer Timer is activated, the output level will most likely need to be increased to compensate. If chlorine level is low, adjust output level up by one each day until 3-5 ppm is maintained. Add chlorine to compensate.
- **Water Changes:** The FreshWater Salt System reduces the amount of chemicals needed to add to your spa water. You can extend the life of your spa, up to 12 months, with proper water care. Test your water regularly to ensure it is properly balanced and safe.

Important Additional Information

WARNING: Operating the FreshWater Salt System without water flow through the cartridge can cause a buildup 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.

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

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

IMPORTANT: When replacing the cartridge, only use FreshWater replacement cartridges having a label that clearly states that it is a replacement cartridge for the chlorine-generating system.

Follow all aspects of the local and national electrical code(s) when installing the system.

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

Specifications

- The FreshWater Salt System is designed to treat spas up to 2,460 litres (650 gallons).
- The maximum output of hypochlorous acid (chlorine) is equivalent to 17 grams of free available chlorine per day.
- Input: 12 VDC 1.67A
- Output: 12 VDC 1.67A

Customer Service

If you have any questions about your FreshWater Salt System that have not been answered by this manual, consult your authorized dealer.

Watkins Wellness can be reached at: +1 760-598-6464 (extension 8432)
Monday through Friday, 8 a.m. to 5 p.m. Pacific Standard Time (PST)
or by e-mailing customerservice@watkinsmfg.com

Watkins Wellness, 1280 Park Center Drive, Vista, CA 92081 USA.

FreshWater™ Salt System 1-Year Limited Warranty

One-Year Limited Warranty on FreshWater™ Salt System

Watkins Manufacturing Corporation (“Watkins”) warrants to you, the original consumer purchaser, that the FreshWater™ Salt System will be free from defects in materials and workmanship for one year from date of installation.

Extent of Warranty

This warranty extends only to the original consumer purchaser of the FreshWater™ Salt System when installed within the country of purchase. If the FreshWater™ Salt System is purchased outside of the United States other warranties may apply. See your local spa dealer for details. This warranty terminates upon transfer of ownership, or if the spa containing the FreshWater™ Salt System is relocated outside the country of purchase prior to the expiration of the warranty period.

Warranty Performance

Watkins or its Authorized Service Agent will repair or replace, free of charge, during the warranty period (as described above), any part of the FreshWater™ Salt System that proves defective in material and/or workmanship under normal installation, use and service. **This warranty does not apply to the cartridge used with the FreshWater™ Salt System. The cartridge is a consumable item and must be replaced in accordance with the instructions in the FreshWater™ Salt System Owner’s Manual.** 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 servicing 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 installations, 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 the FreshWater™ Salt Systems Owner’s Manual, or repairs made or attempted by anyone other than an Authorized Service Agent of Watkins. Alteration includes, but is not limited to, any component change, or electrical conversion.

Disclaimers

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS WARRANTY DOES NOT COVER INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, LOSS OF USE, OR LABOR EXPENSES IN UNINSTALLING OR INSTALLING ANY MATERIAL OR PARTS, WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, TORT, OR ANY OTHER LEGAL THEORY, EVEN IF WATKINS HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. WATKINS DISCLAIMS RESPONSIBILITY FOR DAMAGES IN EXCESS OF YOUR

PURCHASE PRICE. Some states and some countries do not allow limitation or exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

Limitation on Duration of Implied Warranties

TO THE EXTENT PERMITTED BY LAW, 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 and some countries do not allow limitations on how long an implied warranty may last, so the above limitations may not apply to you. Notice to residents of the State of New Jersey: The provisions of this warranty, including its limitations, are intended to apply to the fullest extent permitted by the laws of the State of New Jersey.

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

Warranty Claims

Please contact the dealer from whom you purchased the spa. If the dealer is not available, please write the address below or +1 760-598-6464 outside the USA and our Customer Service group will gladly assist you.

Watkins Manufacturing Company
Attn: Customer Service Department
1280 Park Center Drive
Vista, California, 92081 USA
customerservice@watkinsmfg.com

You must provide Watkins and/or your dealer written notice of any warranty claim, along with a copy of your original purchase receipt indicating the date of purchase, within thirty (30) days of the time you discover your claim. Watkins reserves the right to inspect the malfunction or defect on location.

Appendix

Spa Capacity		Salt Addition		285 g (1 Cup) adds (ppm) to water	Initial Output Level
Gallons	Litres	Cups	Grams		
200	760	4 1/2	1,300	382	Level 5
250	950	5 3/4	1,600	305	Level 5
300	1,140	7	2,000	254	Level 6
350	1,330	8	2,300	218	Level 6
400	1,520	9 1/4	2,600	191	Level 6
450	1,710	10 1/4	2,900	170	Level 6
500	1,900	11 1/2	3,250	153	Level 7
550	2,090	12 1/2	3,550	139	Level 7
600	2,280	13 3/4	3,900	127	Level 7



WatkinsWellness®

Feel good. Live well.™

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

Watkins Wellness
1280 Park Center Drive
Vista, California 92081
USA

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