SARATOGA SPA®

OWNER'S MANUAL

Luxury Edition

Model: _____

Serial Number: _____

Date Installed: _____

Dealer: _____

Address: _____

Telephone: _____

Note: The serial number/identification label is located within the equipment compartment and skimmer housing.

LUXURY SERIES

MODEL	AVG. FILL	AVG. FILL WEIGHT	AVG. DRY WEIGHT
Adelphi	240 gal. / 909 L	2504 lbs. / 1136 kg.	500 lbs. / 227 kg.
Putnam	340 gal. / 1287 L	3457 lbs. / 1568 kg.	620 lbs. / 281 kg.
Columbian	350 gal. / 1325 L	3522 lbs. / 1643 kg.	700 lbs. / 318 kg.
Grand	375 gal. / 1420 L	3911 lbs. / 1774 kg.	780 lbs. / 354 kg.
Canfield	375 gal. / 1420 L	3880 lbs. / 1760 kg.	750 lbs. / 340 kg.
Regent	425 gal. / 1609 L	4297 lbs. / 1949 kg.	750 lbs. / 340 kg.
Lincoln	525 gal. / 1988 L	5302 lbs. / 2405 kg.	920 lbs. / 417 kg.
Empire	525 gal. / 1988 L	5302 lbs. / 2405 kg.	920 lbs. / 417 kg.
Broadway	795 gal. / 3010 L	7835 lbs. / 3554 kg.	1200 lbs. / 544 kg.

SARATOGA SPA® Company EST. 1984

Thank you for your recent Saratoga Spa purchase.

This owners manual has been designed to acquaint you with your Saratoga Spa's operation and general maintenance.

Keep this manual available for future reference.

If you have any questions regarding your Saratoga Spa, contact your local dealer.

Thank you.

TABLE OF CONTENTS

SARATOGA SPA SAFETY INSTRUCTIONS

Read And Follow All Instructions

AVOIDING THE RISK TO CHILDREN

RISK OF CHILD DROWNING

Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use a spa unless they are supervised at all times.

Warning:

- *To reduce the risk of injury, do not permit children to use this spa unless they are closely supervised at all times.*
- *To reduce the risk of injury, lower water temperatures are recommended for young children. Children are especially sensitive to hot water.*

RISK OF CHILD ELECTROCUTION

- Connect only to a grounded source.
- Do not bury the power cord. A buried power cord may result in death, or serious personal injury due to electrocution if direct burial-type cable is not used, or if improper digging occurs.
- A ground terminal (pressure wire connector) is provided on the control box inside the unit to permit connection of a minimum No. 8 AWG (8.4 mm) solid copper bonding conductor between this point and any metal equipment, metal water pipe, metal enclosures of electrical equipment, or conduit within five feet (1.5 m) of the unit as needed to comply with local requirements.
- To reduce the risk of electrocution, replace all damaged cords immediately. Failure to do so may result in death or serious personal injury due to electrocution.

AVOIDING RISK OF ELECTRICAL SHOCK

- Do not permit any electrical appliance, such as a light, telephone, radio or television within 5 feet (1.5m) of a spa. These units DO NOT have an internal ground fault circuit interrupter. The installation of a ground fault circuit interrupter MUST be done by a qualified Electrician and must meet all local and national codes. Failure to maintain a safe distance may result in death, or serious personal injury due to electrocution, if the appliance should fall into the spa.
- Install at least 5 feet (1.5 m) from all metal surfaces. A spa may be installed within 5 feet of a metal surface if each metal surface is permanently connected by a minimum No. 8 AWG (8.4 mm) solid copper conductor attached to the wire ground connector on the terminal box that is provided for this purpose if in accordance with National Electrical Code ANSI/NMFPA70-1993.
- Install your spa in such a way that drainage is away from the electrical compartment and from all electrical components.

AVOIDING RISK OF INJURY

- To reduce the risk of injury to persons, DO NOT remove suction fittings located at the bottom footwell of the spa.
- The suction fittings in the spa are sized to match the specific water flow created by the pump. Never replace a suction fitting with one rated less than the flow rate marked on the original suction fitting. Never operate the spa if the suction fittings are broken or missing.
- There is a danger of slipping and falling. Remember that wet surfaces can be very slippery. Take care when entering or exiting the spa.
- People with infectious diseases should not use the spa.
- Keep any loose articles of clothing or hanging jewelry away from rotating jets or other moving components.
- The use of drugs, alcohol, or medication before or during spa use may lead to unconsciousness with the possibility of drowning.
- Persons using medications should consult a physician before using a spa; some medication may cause a user to become drowsy, while other medication may affect heart rate, blood pressure, and circulation.
- Persons taking medications which induce drowsiness, such as tranquilizers, antihistamines or anticoagulants should not use the spa.
- Water temperature in excess of 100.4°F (38°C) may be injurious to your health.
- Pregnant women should consult a physician before using spa.
- Persons suffering from obesity, or with a medical history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using spa.

UNCLEAN WATER

- Keep the water clean and sanitized with correct chemical care.
- Maintain water chemistry in accordance with chemical manufacturer's instructions.

Important:

- Turn on Jet Pump #1, on high speed, and it will operate for a 15 minute cycle (or 20 minutes for Adirondack models) after adding ANY spa water chemicals into the spa.
- Clean the filter cartridges monthly to remove debris and mineral buildup which may affect the performance of the jets, limit the flow, or trip the high limit thermostat.

AVOIDING RISK OF HYPERTHERMIA

The causes, symptoms and effects of hyperthermia may be described as follows: Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 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:

1. Failure to perceive heat.
2. Failure to recognize the need to exit the spa or hot tub.
3. Unawareness of impending hazard.
4. Fetal damage in pregnant women.
5. Physical inability to exit the spa or hot tub.
6. Unconsciousness resulting in drowning.

Warning:
The use of alcohol, drugs, or medication can greatly increase the risk of fatal hyperthermia in hot tubs and spas.

To Reduce The Risk of Injury::

- The water in the spa should never exceed 104°F (40°C). Water temperatures between 100°F (37.7°C) and 104°F (40°C) are considered safe for a healthy adult.
- Lower water temperatures are recommended for extended use (exceeding ten minutes) and for young children. Extended use can cause hyperthermia.
- Pregnant or possibly pregnant women should consult with their physician before entering a spa. Failure to do so may result in permanent injury to your baby.
- Do not use spa immediately following strenuous exercise.

AVOIDING RISK OF SKIN BURNS

- To reduce the risk of injury, before entering a spa the user should measure the water temperature with an accurate thermometer, since the tolerance of temperature-regulating devices may vary by as much as ±5°F.
- Test the water with your hand before entering the spa to be sure it's comfortable.

Important:
The following contains important spa information, and we strongly encourage you to read and apply them.

IMPORTANT DO'S & DON'TS

DO:

- Make sure you always lock the child resistant spa cover locks after using the spa for your children's safety. Every Saratoga Spa is equipped with a locking cover that meets the ASTM F1346-91 Standard for Safety Covers.
- Test the water temperature with your hand before allowing children to enter the spa to be sure that it's comfortable. Children are especially sensitive to hot water.
- Remind children that wet surfaces can be very slippery. Make sure that children are careful when entering or exiting the spa.
- Use and lock the vinyl cover when the spa is not in use, whether it is empty or full.
- Follow the Spa Care and Maintenance recommendations stated in this manual.
- Use only approved accessories and recommended spa chemicals and cleaners.
- Test the water temperature with your hand before entering the spa to be sure the water temperature is comfortable.
- Keep the spa cover locked when the spa is not in use.
- Check the equipment compartment monthly for any signs of tampering to the spa equipment.
- Follow the maintenance instructions of the spa found in this owner's manual.
- Be sure your spa is connected to the power supply correctly - use a licensed electrical contractor.
- Test the Ground Fault Circuit Interrupter(s) once a month.

DON'T:

- Allow children to climb onto the spa cover.
- Allow children to have unsupervised access to the spa.
- Leave the Saratoga Spa exposed to the sun without water or the cover in place. Exposure to direct sunlight can cause solar distress of the shell material.
- Lift or drag the vinyl cover by using the cover lock straps; always lift or carry the cover by using the handles.
- Attempt to open the electrical control box. There are no user serviceable parts inside. Opening of the control box by the spa owner will void the warranty. If you have an operational problem, carefully go through the steps outlined in the Troubleshooting section. If you are not able to resolve the problem, contact your authorized Saratoga Spa dealer. Many problems can easily be diagnosed over the telephone by an Authorized Service Technician.
- Block or sit on the filter compartment area.
- Allow excessive weight to be placed on the spa cover. Doing so could damage the spa cover and void any warranty.
- Use the spa with the equipment compartment door removed.
- Place electrical appliances within 5 feet (1.5m) of the spa.
- Allow children to have unsupervised access to the spa.
- Block the equipment compartment vents. This could cause damage to the spa equipment and will void the warranty.

*** SAVE THESE INSTRUCTIONS ***

SPA SPECIFICATIONS

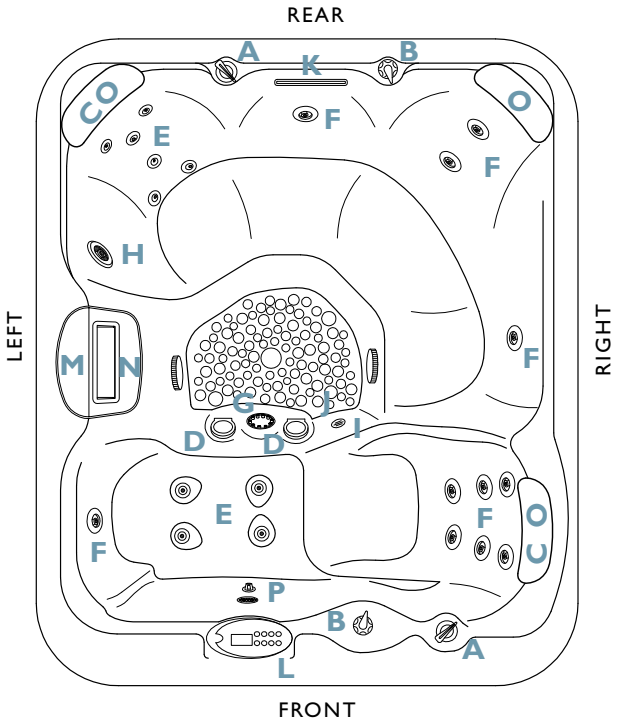
	Width	Length	Height	Average Fill	Dry Weight	Average Fill Weight	Seating Locations
Adelphi	67” 1.70 m	80” 2.03 m	29” 0.74 m	240 gal 909 L	500 lbs. 227 kg	2,504 lbs. 1,136 kg	2–3
Putnam	75” 1.91 m	84” 2.13 m	34” 0.86 m	340 gal 1,287 L	620 lbs. 281 kg	3,457 lbs. 1,568 kg	4–5
Columbian	80” 2.13 m	84” 2.13 m	34” 0.86 m	350 gal 1,325 L	700 lbs. 318 kg	3,622 lbs. 1,643 kg	4–5
Grand	84” 2.13 m	84” 2.13 m	36” 0.91 m	375 gal 1,420 L	780 lbs. 354 kg	3,911 lbs. 1,774 kg	5–6
Canfield	84” 2.13m	84” 2.13 m	36” 0.91 m	375 gal 1,420 L	750 lbs. 340 kg	3,880 lbs. 1,760 kg	5–6
Regent	84” 2.13 m	90” 2.29 m	38” 0.97 m	425 gal 1609 L	750 lbs. 340 kg	4,297 lbs. 1,949 kg	5–6
Lincoln	90” 2.29 m	94” 2.39 m	38” 0.97 m	525 gal 1988 L	920 lbs. 417 kg	5,302 lbs. 2,405 kg	6–7
Empire	89” 2.26 m	93” 2.36 m	38” 0.97 m	525 gal 1988 L	920 lbs. 417 kg	5,302 lbs. 2,405 kg	6–7
Broadway	92” 2.34 m	108” 2.74 m	40” 1.02 m	795 gal 3010 L	1200 lbs. 544 kg	7,835 lbs. 3,554 kg	9

Important:
Saratoga Spa Company suggests a structural engineer or contractor be consulted before the spa is placed on an elevated deck.

Note: The “Average Full” weight of the spa includes only the spa and the water inside the spa.

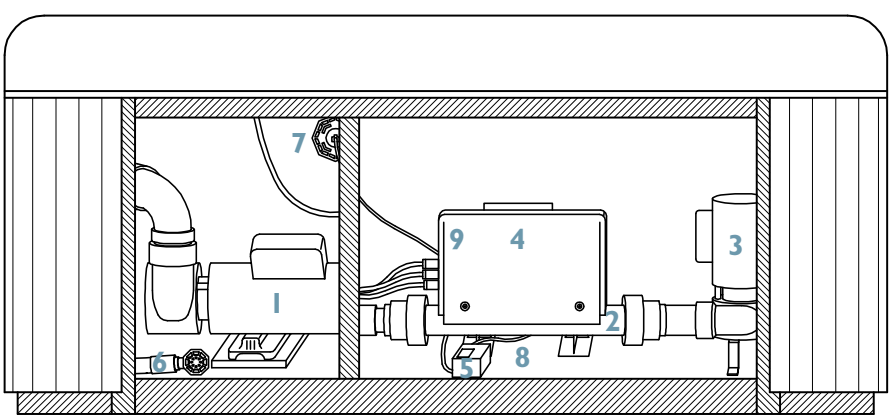
Spa Features

A. Versa-Flo™ Micro Valves
B. Air Valves
C. Power Massage® Jets
D. Power Stream® Jets
E. Cluster Jets
F. Standard Jets
G. Storm Jets
H. Vortex Jet™ Circulation
I. Whisper Clean® Jet
J. Footwell Spa Drain
K. Relax Stream™ Waterfall
L. Backlit Digital Control Panel
M. Microban® Filtration
N. Toploading Skimmer
O. Pillows
P. Mood Light



Operations Center

1. (1) Two Speed Hydro Pump
2. 4 kW Heater
3. Purity Circulation™ Pump
4. 220V Power Pack
5. Whisper Zone™ Ozonator
6. Drain Valve
7. Mood Light
8. Bonding Terminal
9. Pressure Switch—located inside 220V Power Pack



PUTNAM

Spa Features

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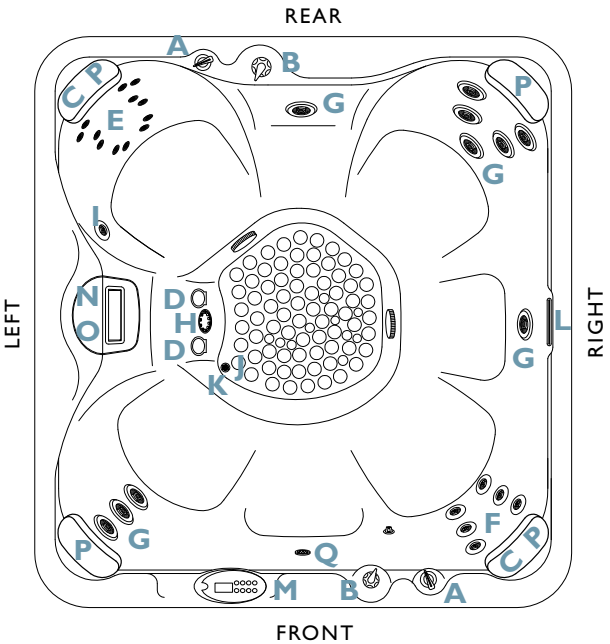
Q. Mood Light



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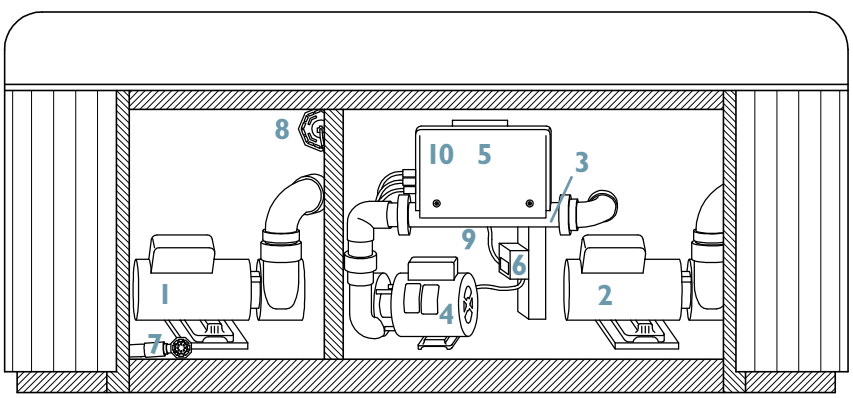

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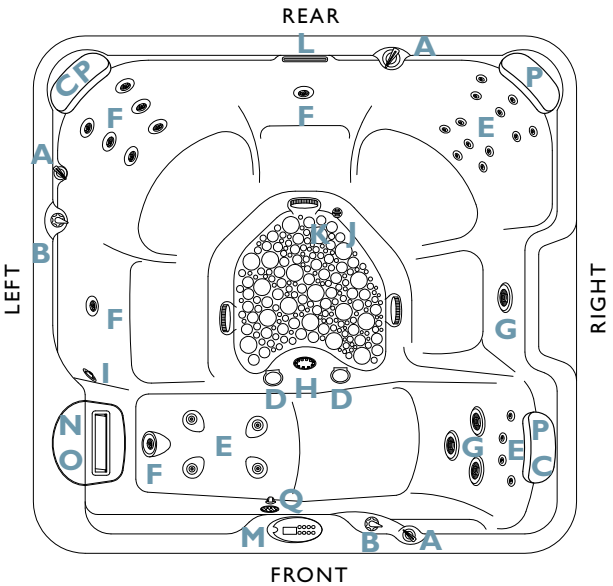

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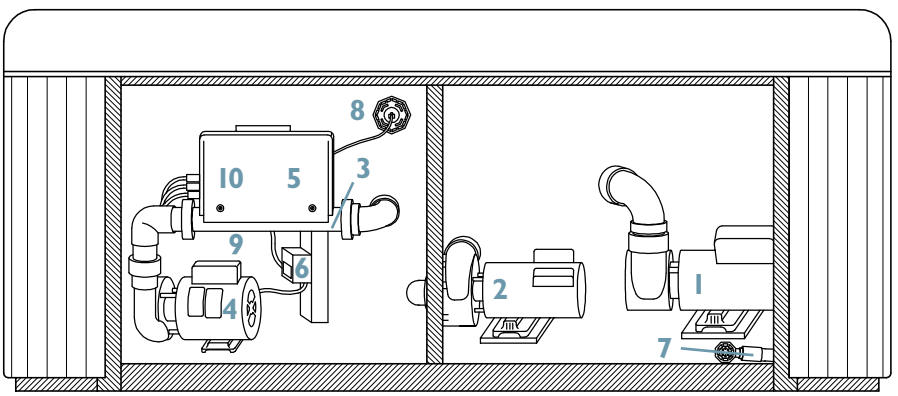

GRAND

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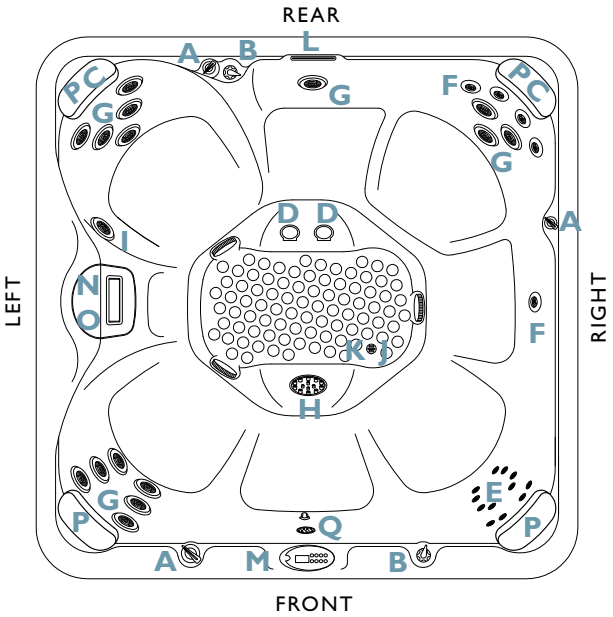

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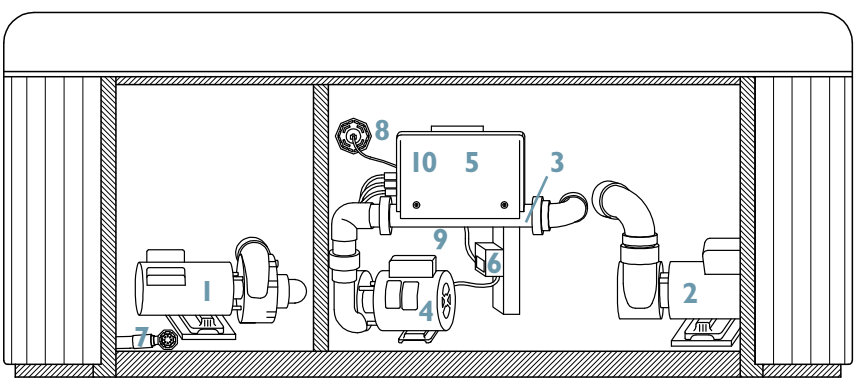

Spa Features

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B. Air Valves
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D. Power Massage® Jets
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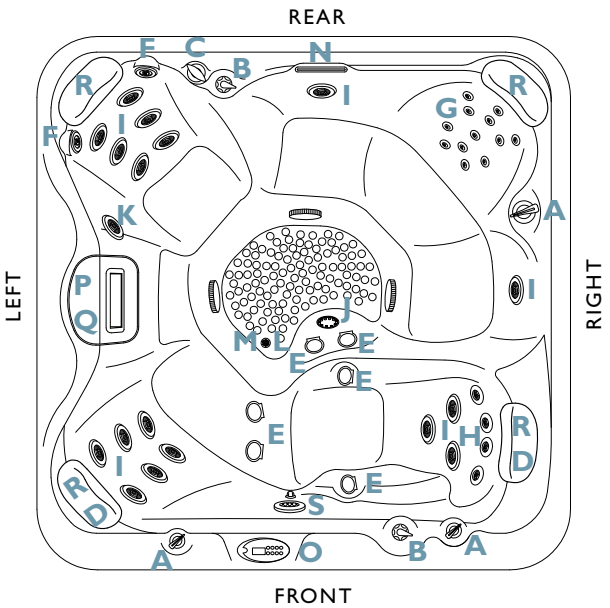

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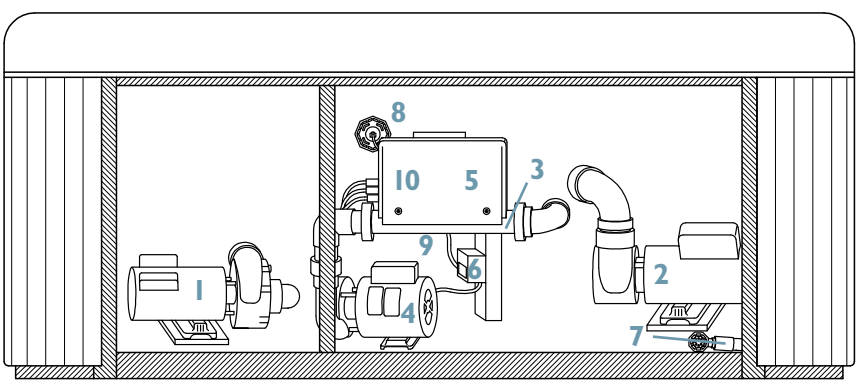

REGENT

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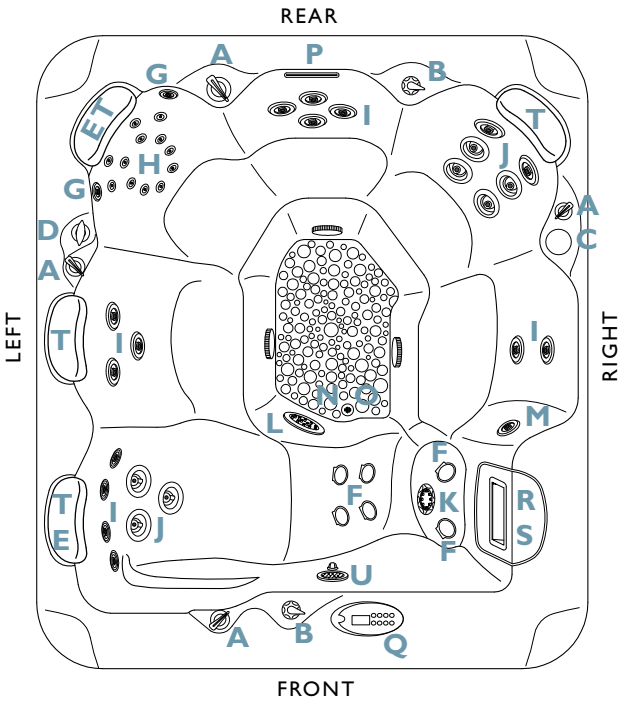

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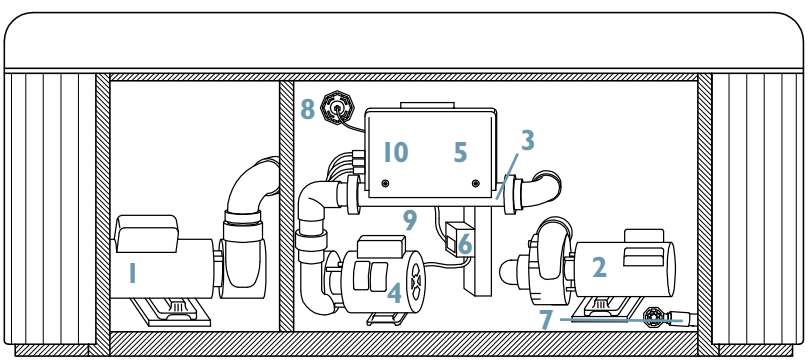

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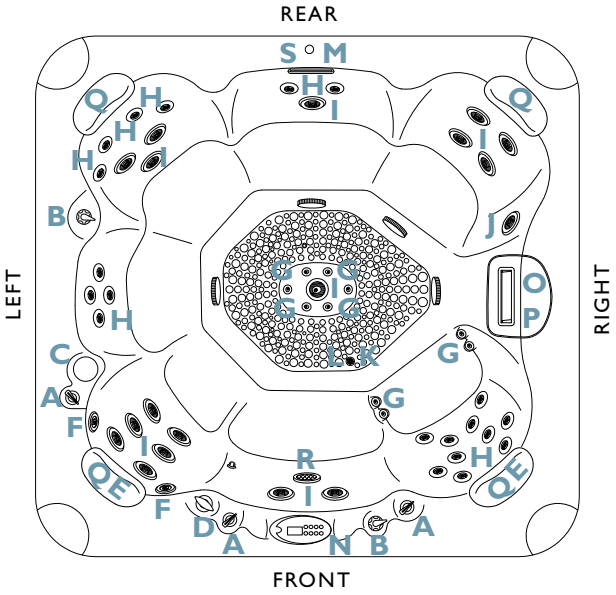

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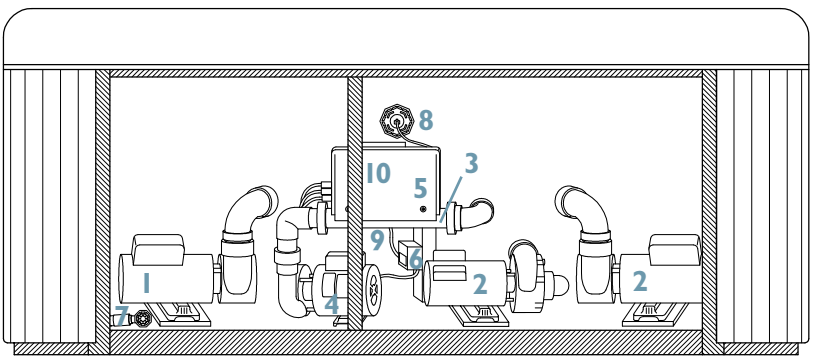

EMPIRE

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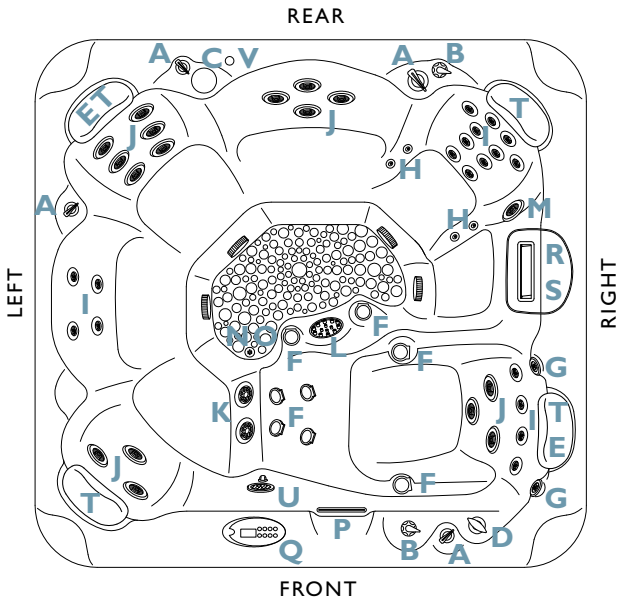

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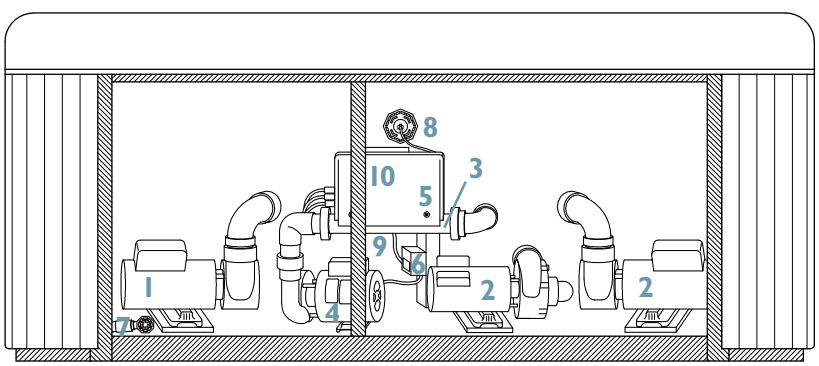

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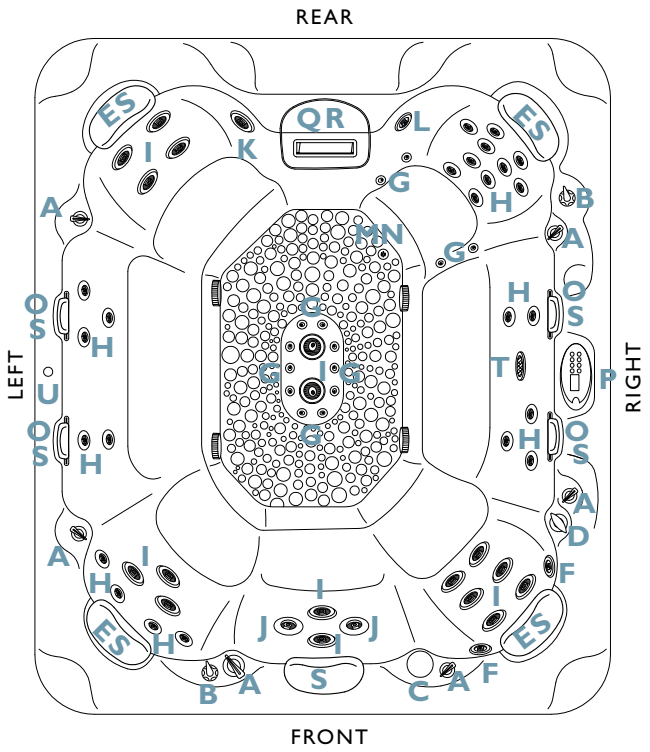

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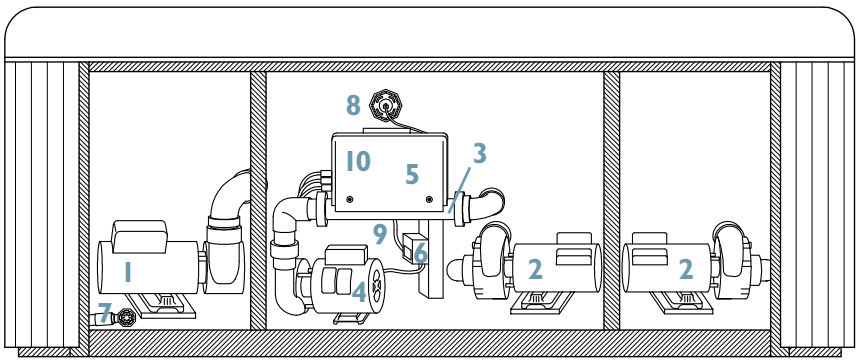


INSTALLATION INSTRUCTIONS

Location Preparation

Your Saratoga Spa is totally self-contained and portable. You can install the spa outside or inside. Preferable places are on a patio, deck or indoors. The spa should always be placed on a structurally strong, level surface. Other items you need to consider are the following:

- Verify that the location chosen can support the weight of the spa, the water of the spa and its occupants.
- Always check the surface of the site to see if it is level before filling the spa with water.
- Allow access to the equipment compartment for routine maintenance.
- When positioning the spa, be sure to allow for drainage away from the electrical compartment.
- Leave easy access to the GFCI breaker.

WARNING:

The Saratoga Spa is manufactured to be a portable unit. Any permanent installation of this product is done at the risk of the owner. Permanent installation of this unit violates warranty coverage.

Outdoor Installation

Always keep in mind what type of climate you live in. In a climate with cold, snowy winters you may want to consider locating the spa close to the house for easy access. In climates where it is normally warm or hot year-round, it would be recommended to place the spa in a shaded or cool area. With deck installations it is recommended that a qualified building contractor or structural engineer review the weight the deck can support. The spa specification sheet (on page 6) can assist you with the weights and dimensions of your spa.

Indoor Installation

Special requirements are needed for indoor installation. Spas normally produce moisture. A ventilation system needs to be considered. Your spa area should contain moisture resistant wall/floor coverings and building materials to avoid damage from moisture over time. Proper drainage of the spa water also needs to be considered.

Important:

Your Saratoga Spa is equipped with air vents to allow for circulation of air throughout the equipment compartment. These vents are found on the face of the equipment compartment panel and under the corners of the spa at the equipment compartment end. Do not allow vents to be blocked as to prevent the circulation of air in the equipment compartment.

Your Saratoga Spa dealer can help you with information such as local zoning regulations and building codes.

ELECTRICAL REQUIREMENTS AND PRECAUTIONS

Your Saratoga Spa has gone through numerous tests to verify that all of the spa functions operate. Beyond the tests, your Saratoga Spa has been designed to provide the maximum safety against electrical shock. Read and follow the electrical installation requirements and instructions completely. The next few pages will assist you in properly connecting the electrical input. Follow the electrical instructions for your specific spa model. Serious risks or injuries may occur if the spa is improperly wired.

220 Volt Permanently Connected Models:

-Adelphi	-Putnam	-Columbian
-Grand	-Canfield	-Regent
-Lincoln	-Empire	-Broadway

Saratoga Spas must be wired in accordance with all applicable local electrical codes. All electrical work should be done by an experienced, licensed Electrician. We recommend the use of appropriate electrical conduit, fittings and wire for all circuits.

220 Volt installations require a 60Hz, single phase, three-wire electrical service plus ground (Line 1, Line 2, Neutral and Ground) and must be connected using a minimum supply conductor ampacity of 50 AMPs and a minimum circuit breaker size of 50 AMPs. Note: Use copper wire only (3 wire with ground. 8 gauge under 50', 6 gauge over 50')

220 Volt model spas must be connected to a "dedicated" 220 volt 50 Amp grounded circuit. The term "dedicated" means the electrical circuit is not being used for any other electrical items (lights, appliances, etc.). If the spa is connected to a non-dedicated circuit, overloading will occur and nuisance tripping of the GFCI breaker switch at the house breaker panel will occur.

A ground lug connector is provided on the exterior surface of the spa pack (operations center) inside the equipment compartment. This is to permit the connection of a bonding wire between this point and any metal equipment, enclosures, pipe or conduit within five feet (1.5m) of the spa. This bonding wire must be at least 8AWG solid copper wire.

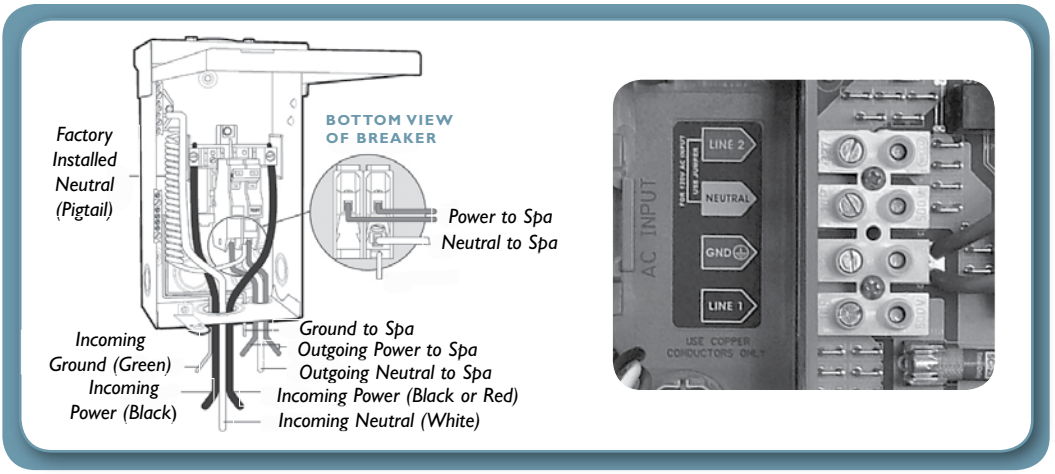
Important:
Use only approved pressure-type wire splicing lugs or connectors suitable for the size and type of wiring used!

Electrical Installation Instructions for 220 Volt Models

1. To connect the electrical service, first remove the screws from the equipment compartment door. Carefully remove the access panel.
2. Locate the spa power pack. Loosen the screws on the front of the control box. Remove the screws and the control box cover.
3. Input the electrical service from the GFCI breaker into the spa equipment compartment.

Note: The GFCI breaker must be placed in sight of the spa, at a minimum distance of five feet (1.5m) away.
Note: As of January 1, 1996 the National Electric Code (NEC) requires GFCI (Ground Fault Circuit Interrupter) on all spa installations.

4. Connect the supply conduit to the spa power pack.



Electrical Spa Wiring Connection Instructions

Important:
Never, under any circumstances, should you connect power to the neutral terminal.

1. Identify the TB-1 terminal block, located inside the spa power pack on the left side.
2. Connect the 8 AWG, BLACK wire, from the GFCI 50 amp breaker, terminal L1 to TB-1, Line 1.
3. Connect the 8 AWG, WHITE wire, from the GFCI 50 amp breaker, terminal N to TB-1, neutral.
4. Connect the 8 AWG, GROUND wire, from the GFCI 50 amp breaker, terminal GND (ground) to TB-1, ground.
5. Connect the 8 AWG, RED wire, from the GFCI 50 amp breaker, terminal L2 to TB-1, Line 2.
6. At least two additional lugs marked "Bonding Lugs" are provided on the external surface of one of the bonded components metal enclosures. To reduce the risk of electrical shock, connect the local common bonding grid in the area of the hot tub or spa to these terminals with an insulated or bare copper conductor not smaller than No. 6 AWG.
7. All field-installed metal components such as rail, ladders, drains or other similar hardware within 10 ft. (3m) of the spa or hot tub shall be bonded to the equipment grounding bus with copper conductors not smaller than No. 6 AWG.
8. Replace the control box cover and securely tighten the fastening screws. Close and secure the equipment compartment panel.

Note: Always use copper wire only (3 wire with ground. 8 gauge under 50 ft., 6 gauge over 50 ft.) The electrical supply for this product must include a suitable rated switch or circuit breaker to open all ungrounded supply conductors to comply with Section 422.20 of the National Electrical Code ANSI/NEPA 70-1987. The disconnecting means must be readily accessible to the tub occupant but installed at least 5 feet (1.5m) from tub water

Please review the back of the spa pack cover, located in the spa equipment bay, for a complete spa equipment wiring diagram.

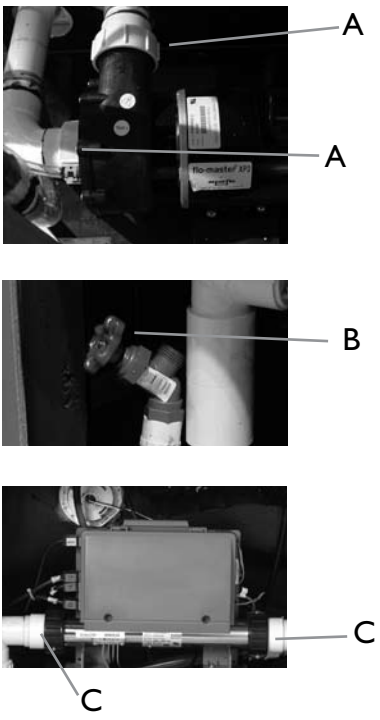
INITIAL OPERATING INSTRUCTIONS

Start-Up and Refill Procedures

Your Saratoga Spa has been tested at the manufacturing plant to ensure that all of the spa functions operate. During the test procedure, a small amount of water may have remained in the spa plumbing. Through the shipping process water may have spotted the spa shell. You may need to wipe down the shell with a soft cloth. Please read and follow the start-up instructions to ensure a successful start-up or refill.

Important:

- Inspect and clean spa shell of any debris
- Do not turn power on to spa unless filled with water to appropriate level (See Page 20). The spa pack must never be operated without water in the spa; serious damage to the heater and/or pump(s) may result.
- Do not fill spa with water before checking the items below (below items may become loose in transit):



A. Hand tighten unions at the pumps

B. Tighten drain valve

Note: Drain Valve is left open for shipping; drain valve must be closed before filling spa.

C. Tighten unions on heater

- Do not fill spa with hot water. This may cause a false error code to the high limit sensor.

Start-up Procedures

1. For a successful start-up, fill the spa with water through the Whisper Clean® cartridge. The Whisper Clean® cartridge is the cartridge with the coarse threaded yellow ACME style adapter.

   a. Locate the filter compartment area.

   b. Pull up and remove filter cover.
   c. Remove the filter cartridge and screen adapter by turning them counter clockwise.
   d. After removing each filter cartridge and screen adapter, place a garden hose through the filter opening.
   e. At this point, open the air bleeder valve(s) in your filter compartment by turning counter clockwise.

   f. Turn water on and run water until it reaches a minimum level of 2" above the top of the filters.

      Note: Besides filling the spa to 2" above the top of the filter, all models will need to be filled to 2" above the highest jet(s) in the spa. This is the minimum level allowed to run the Whisper Clean® circulation system.

      Note: When using a mineral cartridge system, please refer to your dealer for specific instructions on installation.

2. Check all plumbing (clamps, unions and drain valve) connections for leaks.

3. Re-install filter cartridges and screen adapters by turning them clockwise. Exit garden hose from the spa.

4. At this point, turn power on to the spa control system by turning on the GFCI breaker. The spa power pack will begin heating the spa to the factory set temperature of 95°F (35°C).

5. The next step is to check that the jet system(s) are operational. Press the Jets button once to turn on the pump(s). A strong force of water flowing through the jets indicates the pump(s) are primed. Weak or surging jet(s) indicates the pump(s) still need to be primed (see Troubleshooting section on page 53).

6. Once pump(s) are primed, close the air bleeder valve(s) in the filter compartment.

Note: Water will be exiting from the air bleeder valve(s).

7. Re-install filter cover and allow spa to heat to desired set temperature; this normally takes 24 hours.

8. 24 hours after initial start-up the spa will go through its first power filtration cycle. Jets 1 (pump 1), Jets 2 (pump 2) and Jets 3 (pump 3) will run on high speed for one (1) minute. This power filtration cycle is repeated every 12 hours at the exact time as initial power-up.

Note: If water bubbles are not coming out of the Whisper Clean® Jet/footwell drain, the system is air locked. Refer to the Trouble Shooting Section on page 53–54 for further instructions.

Note: It is recommended to press and release the ground fault circuit interrupter (GFCI) RESET button monthly to verify GFCI is working properly.

Note: If power is interrupted, and the conserve filtration cycle has been activated, it will be reset to the continuous 24 hour cycle.

9. Water must be balanced and shocked upon start-up. See your dealer or pages 50–52 of this manual for details. This procedure must be repeated each time the spa is drained and refilled.

10. *The Whisper Clean® Jet*
    The combination of the Whisper Clean® and Vortex Jet™ return systems help the Whisper Clean® System circulate water from the surface and bottom level of the spa. The Whisper Clean® Jet also induces temperature controlled water and ozone into the spas footwell area 24 hours a day.

Note: A slow or non-moving Whisper Clean® Jet may indicate that the filter cartridge pores are obstructed with dirt, body oils or calcification. Follow the filter cartridge cleaning procedures in this manual (See page 46).

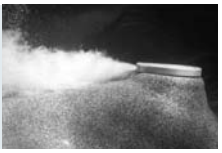
Whisper Clean® Jet

SARATOGA SPA JET IDENTIFICATIONS

VERSA-FLO™ JETS AND CFE™ JET DESCRIPTIONS

Power Massage Plus® and Power Massage®*
Patented jet provides dual water massage to your neck or back from under the built-in headrest. The jet is controlled by a small selector valve, giving the bather total control.
* Provides a single ribbon of water flow parallel to the body

Power Stream®
Underwater jet patterned after the Power Massage®. This jet runs a ribbon of water parallel to the surface of the spa body. Not found in all units.

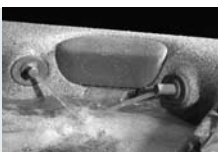


Cluster Jet
The Cluster Jet provides a concentrated stream of water and air for precise pressure point areas.

Mini Swirl Jet *(Standard Jet Category)*
The Mini Swirl Jet has an adjustable eyeball for directional or rotational use. To change from directional to rotational, with finger, simply adjust inner nozzle to the rotating position.

Cyclo Swirl Jet *(Deluxe Jet Category)*
A larger version of the Mini Swirl Jet, this jet gives a mid-size rotational massage and pulsating massage. To change from directional to rotational, with finger, simply adjust inner nozzle to the rotating position.

ProJet Stream™
Provides precise neck and shoulder massage. Retractable design is hydro driven and allows for personalized use.

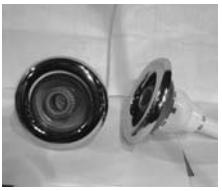


Note: Not all jets are available in all models

Cyclo Flo Jet *(Deluxe Jet Category)*
This jet provides a balanced mix of air and water to give a soft, powerful, direct pressure massage to mid-size muscle groups. The design allows for higher GPM for performance and maximum relief.

Turbo Jet
Provides an intense lower body massage and whirlpool stimulation through a large orifice.

Xtreme-Flo™ Jet *(Storm Jet Category)*
The Xtreme Flo jet provides a mix of water and air. To change from a straight stream to directional, with finger, move inner nozzle to position desired.



Gatling Jet *(Storm Jet Category)*
A rotating dual nozzle, diffused by seven holes, creates a pulsating body massage.

Veri-Flo™ Massage Jet *(Storm Jet Category)*
Multiple pressure point flow, provides foot and large muscle relief.

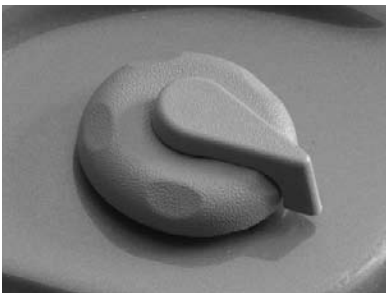
Master-Flo™ Massage Jet
A larger version of the Veri Massage Jet, this jet delivers multiple pressure point flow into several locations of muscle area and has an interchangeable design that gives relief to a variety of areas.

Note: Not all jets are available in all models

SARATOGA SPA JET SELECTORS

The Jets in the Saratoga Spa Luxury Line have different ways to adjust the jet therapy systems. While having the Hydro Jet pump(s) on the user has the ability to turn on and off each individual Versa-Flo™ Jet. The Versa-Flo™ Jet(s) can be turned on and off by turning the outer scallop on the face of the jet. In addition to having the ability to control each individual jet, the jets can be adjusted by the following zones.

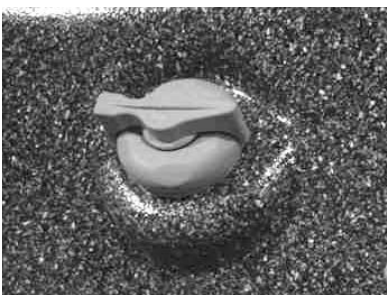
Saratoga Spa uses five different ways to adjust the jet therapy zones. The Moto Stream™ Valves, ProJet Stream™ Valves, Versa-Flo™ Valves, and Versa-Flo™ Micro Valves give the user the ability to control the different Jet Therapy Zones. The Air Control valve controls the intensity of the Jets by opening or restricting airflow The following pages will discuss the different jet therapy zones found in the Luxury Line Spas.



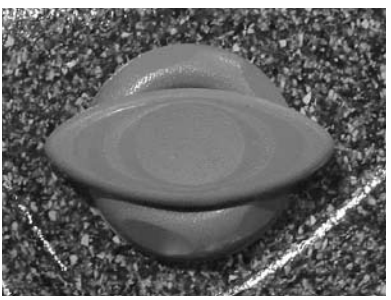
Versa-Flo™ Air Control Valve

Versa-Flo™ Valve

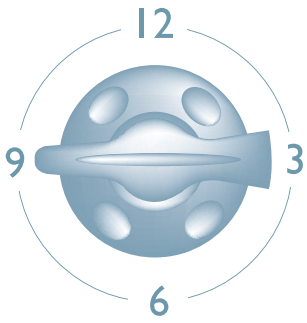
Moto Stream™ Valve



Versa-Flo™ Micro Valve



ProJet Stream™ Valve

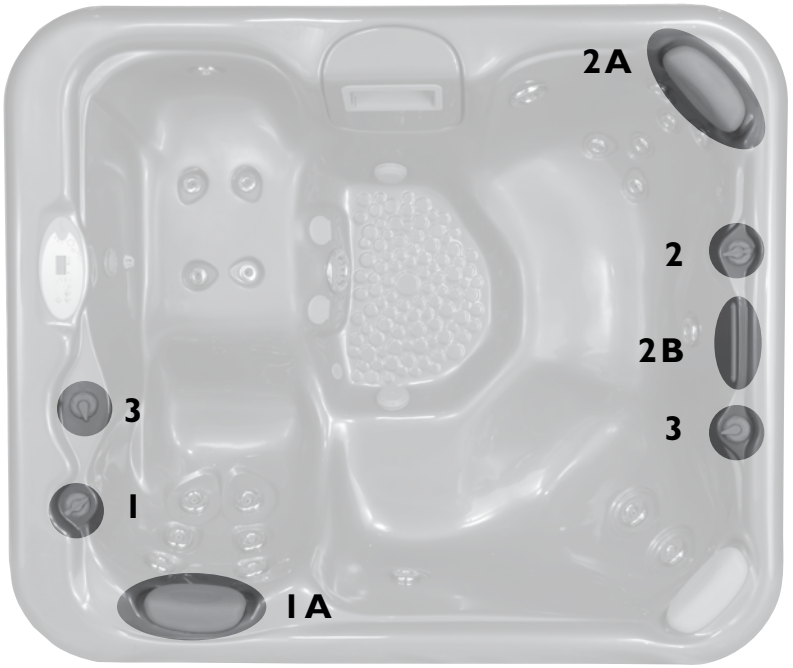


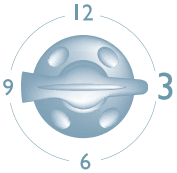
Jet Therapy Zones

This example will help you to understand the following pages that discuss the jet system menus. The navigational tool was read from standing outside of the spa and in front of the particular selector. Keep this in mind when the following pages discuss 12,3,6 or 9 o'clock position settings. The Versa-Flo™ Air Control Valve and Versa-Flo™ Micro Valve can only be rotated 180°. The Projet Stream™ Valve controls the Projet Stream™ Jets.

ADELPHI

Jet System Menu

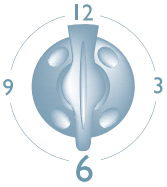




1 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Jet 1A

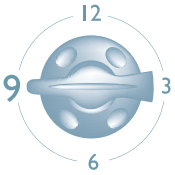
- The 3 o'clock position operates a flat stream flow.
- The 9 o'clock position operates an angled stream flow.
- The 6 o'clock position operates both at a reduced performance.



2 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Jet 2A & 2B

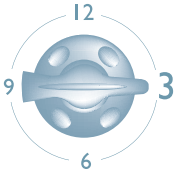
- The 3 o'clock position operates a flat stream flow 2A.
- The 9 o'clock position operates the RelaxStream™ Waterfall 2B.
- The 6 o'clock position operates both at a reduced performance.



3 | VERSA-FLO™ AIR CONTROL VALVE

- This Valve adds or restricts intensity to jets when pump(s) are operating.

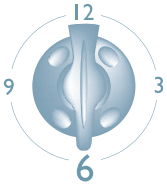
Note: Descriptions are based upon valve operation from within the spa.



1 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Jet & RelaxStream™ Waterfall 1A & 1B}

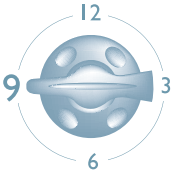
- The 3 o'clock position operates a flat stream flow 1A.
- The 9 o'clock position operates the RelaxStream™ Waterfall 1B.
- The 6 o'clock position operates both at a reduced performance.



2 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Plus Jet 2A

- The 3 o'clock position operates an angled stream flow.
- The 9 o'clock position operates a flat stream flow.
- The 6 o'clock position operates both at a reduced performance.



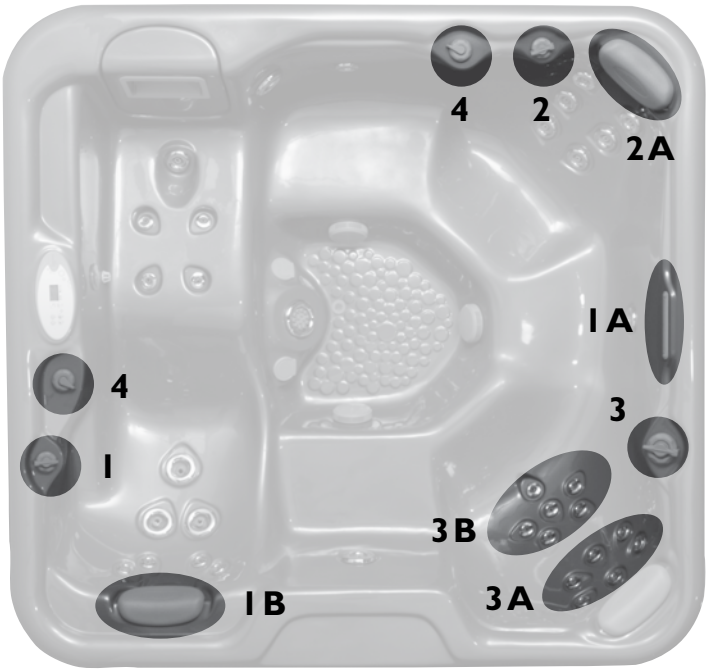
3 | VERSA-FLO™ AIR CONTROL VALVE

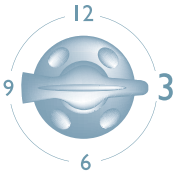
- This Valve adds or restricts intensity to jets when pump(s) are operating.

Note: Descriptions are based upon valve operation from within the spa.

COLUMBIAN

Jet System Menu

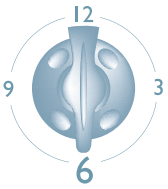




1 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Jet & RelaxStream™ Waterfall 1A & 1B

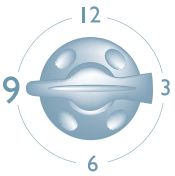
- The 3 o'clock position operates the RelaxStream™ Waterfall 1A.
- The 9 o'clock position operates a flat stream flow 1B.
- The 6 o'clock position operates both at a reduced performance.



2 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Plus Jet 2A

- The 3 o'clock position operates a flat stream flow.
- The 9 o'clock position operates an angled stream flow.
- The 6 o'clock position operates both at a reduced performance.



3 | VERSA-FLO™ VALVE

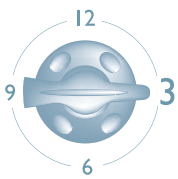
Controls the amount of water flowing through Jets in 3A & 3B

- The 3 o'clock position operates the top 6 Cluster Jets 3A.
- The 9 o'clock position operates the bottom 6 Cluster Jets 3B
- The 6 o'clock position operates both at a reduced performance.

4 | VERSA-FLO™ AIR CONTROL VALVE

- This Valve adds or restricts intensity to jets when pump(s) are operating.

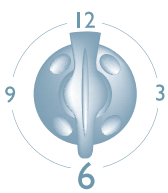
Note: Descriptions are based upon valve operation from within the spa.



1 | VERSA-FLO™ VALVE

Controls the amount of water flowing through the Master Massage™ Jet & 6 Jet Seat 1A & 1B

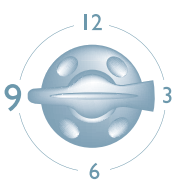
- The 3 o'clock position operates the flow to the 6 jets in seat 1A.
- The 9 o'clock position operates the flow to the foot dome jet flow 1B.
- The 6 o'clock position operates both at a reduced performance.



2 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Plus Jet 2A

- The 3 o'clock position operates a flat stream flow.
- The 9 o'clock position operates an angled stream flow.
- The 6 o'clock position operates both at a reduced performance.



3 | VERSA-FLO™ VALVE

Controls the amount of water flowing through Jets in 3A & 3B

- The 3 o'clock position operates a flat stream flow 3A.
- The 9 o'clock position operates the RelaxStream™ Waterfall 3B.
- The 6 o'clock position operates both at a reduced performance.

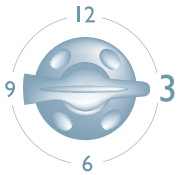
4 | VERSA-FLO™ AIR CONTROL VALVE

- This Valve adds or restricts intensity to jets when pump(s) are operating.

Note: Descriptions are based upon valve operation from within the spa.

CANFIELD

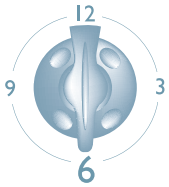
Jet System Menu



1 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through Jets in 1A & 1B

- The 3 o'clock position operates the RelaxStream™ Waterfall 1A.
- The 9 o'clock position operates a flat stream flow 1B. .
- The 6 o'clock position operates both at a reduced performance.



2 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Plus Jet 2A

- The 3 o'clock position operates an angled stream flow.
- The 9 o'clock position operates a flat stream flow
- The 6 o'clock position operates both at a reduced performance.

3 | VERSA-FLO™ VALVE

Controls the amount of water flowing through Jets in 3A & 3B

- The 3 o'clock position operates the foot dome jet flow 3A.
- The 9 o'clock position operates the 12 jet seat flow 3B.
- The 6 o'clock position operates both at a reduced performance.

4 | PROJET STREAM™ VALVE

Controls the operation of the ProJet Stream™ Jets 4A

- Rotating the ProJet Stream™ Valve completely counter clockwise opens water flow to the ProJet Stream™ Jets.
- Rotating the ProJet Stream™ Valve completely clockwise closes the water flow to the ProJet Stream™ Jets.

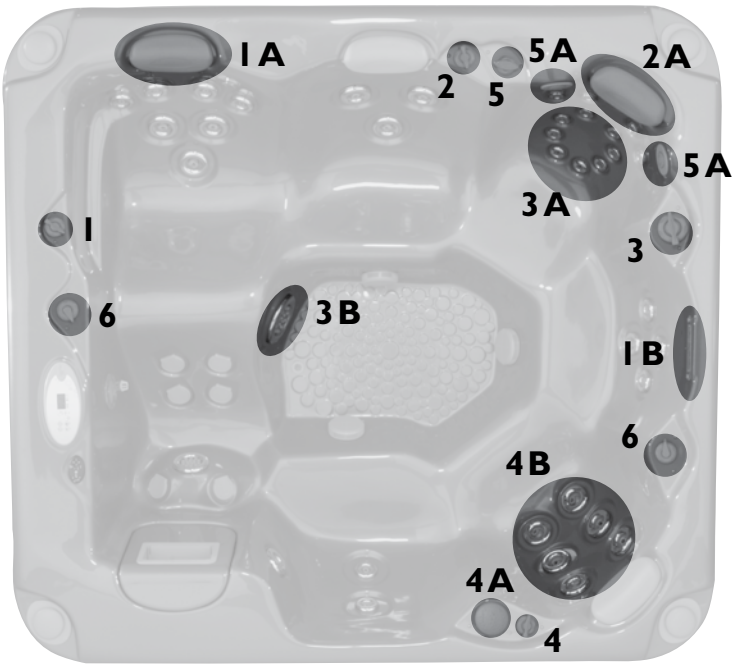
5 | VERSA-FLO™ AIR CONTROL VALVE

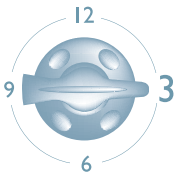
- This Valve adds or restricts intensity to jets when pump(s) are operating.

Note: Descriptions are based upon valve operation from within the spa.

REGENT

Jet System Menu

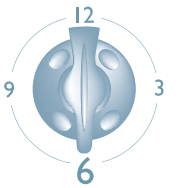




1 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Jet & RelaxStream™ Waterfall 1A & 1B

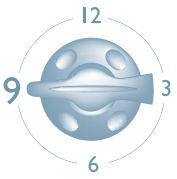
- The 3 o'clock position operates a flat stream flow 1A.
- The 9 o'clock position operates the RelaxStream™ Waterfall 1B.
- The 6 o'clock position operates both at a reduced performance.



2 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Plus Jet 2A

- The 3 o'clock position operates an angled stream flow.
- The 9 o'clock position operates a flat stream flow
- The 6 o'clock position operates both at a reduced performance.



3 | VERSA-FLO™ VALVE

Controls the amount of water flowing through Jets in 3A & 3B

- The 3 o'clock position operates the 12 jet seat flow 3A.
- The 9 o'clock position operates the foot dome jet flow 3B.
- The 6 o'clock position operates both at a reduced performance.

4 | VERSA-FLO™ MICRO VALVE

Controls the Moto Stream™ Valves 4A sequencing speed to the 6 jets in the Moto Stream™ Seat 4B

- The 3 o'clock position turns off the Moto Stream™ valve 4A from sequencing the six jets in seat 4B.
- The 9 o'clock position turns on the Moto Stream™ valve 4A and begins sequencing the six jets in seat 4B.

5 | PROJET STREAM™ VALVE

Controls the operation of the ProJet Stream™ Jets 5A

- Rotating the ProJet Stream™ Valve completely counter clockwise opens water flow to the ProJet Stream™ Jets.
- Rotating the ProJet Stream™ Valve completely clockwise closes the water flow to the ProJet Stream™ Jets.

6 | VERSA-FLO™ AIR CONTROL VALVE

- This Valve adds or restricts intensity to jets when pump(s) are operating.

Note: Descriptions are based upon valve operation from within the spa.

LINCOLN

Jet System Menu

1 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Jet & RelaxStream™ Waterfall 1A & 1B

- The 3 o'clock position operates a flat stream flow 1A.
- The 9 o'clock position operates the RelaxStream™ Waterfall 1B.
- The 6 o'clock position operates both at a reduced performance.

2 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Plus Jet 2A

- The 3 o'clock position operates an angled stream flow.
- The 9 o'clock position operates a flat stream flow
- The 6 o'clock position operates both at a reduced performance.

3 | PROJET STREAM™ VALVE

Controls the operation of the ProJet Stream™ Jets 3A

- Rotating the ProJet Stream™ Valve completely counter clockwise opens water flow to the ProJet Stream™ Jets.
- Rotating the ProJet Stream™ Valve completely clockwise closes the water flow to the ProJet Stream™ Jets.

4 | VERSA-FLO™ MICRO VALVE

Controls the Moto Stream™ Valves 4A sequencing speed to the 6 jets in the Moto Stream™ Seat 4B

- The 3 o'clock position turns off the Moto Stream™ valve 4A from sequencing the six jets in seat 4B.
- The 9 o'clock position turns on the Moto Stream™ valve 4A and begins sequencing the six jets in seat 4B.

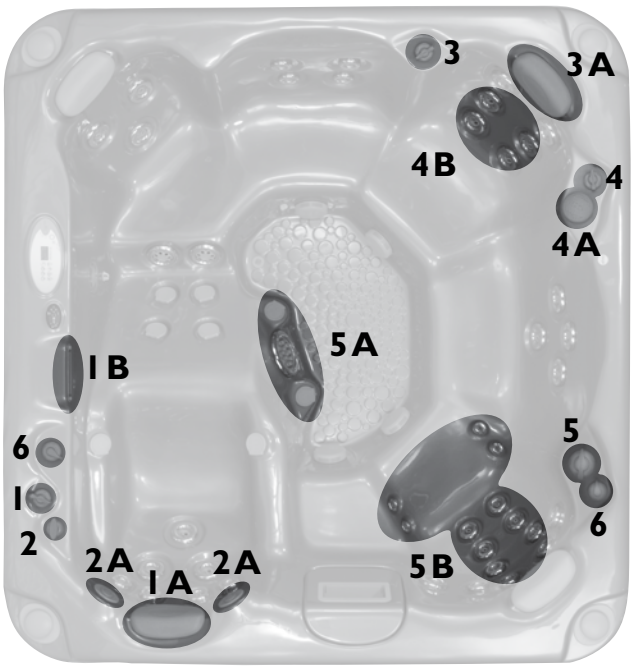
5 | VERSA-FLO™ AIR CONTROL VALVE

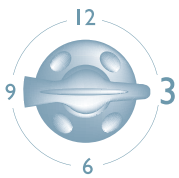
- This Valve adds or restricts intensity to jets when pump(s) are operating.

Note: Descriptions are based upon valve operation from within the spa.

EMPIRE

Jet System Menu

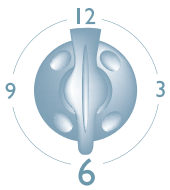




1 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Jet & RelaxStream™ Waterfall 1A & 1B

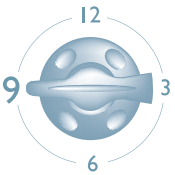
- The 3 o'clock position operates a flat stream flow 1A.
- The 9 o'clock position operates the RelaxStream™ Waterfall 1B.
- The 6 o'clock position operates both at a reduced performance.



2 | PROJET STREAM™ VALVE

Controls the operation of the ProJet Stream™ Jets 2A

- Rotating the ProJet Stream™ Valve completely counter clockwise opens water flow to the ProJet Stream™ Jets.
- Rotating the ProJet Stream™ Valve completely clockwise closes the water flow to the ProJet Stream™ Jets.



3 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Plus Jet 3A

- The 3 o'clock position operates a flat stream flow
- The 9 o'clock position operates an angled stream flow.
- The 6 o'clock position operates both at a reduced performance.

4 | VERSA-FLO™ MICRO VALVE

Controls the Moto Stream™ Valves 4A sequencing speed to the 6 jets in the Moto Stream™ Seat 4B

- The 3 o'clock position turns on the Moto Stream™ valve 4A and begins sequencing the six jets in seat 4B.
- The 9 o'clock position turns off the Moto Stream™ valve 4A from sequencing the six jets in seat 4B.

5 | VERSA-FLO™ VALVE

Controls the amount of water flowing through Jets in 5A & 5B

- The 3 o'clock position operates the foot dome jet flow 5A.
- The 9 o'clock position operates the 14 jet seat flow 5B.
- The 6 o'clock position operates both at a reduced performance.

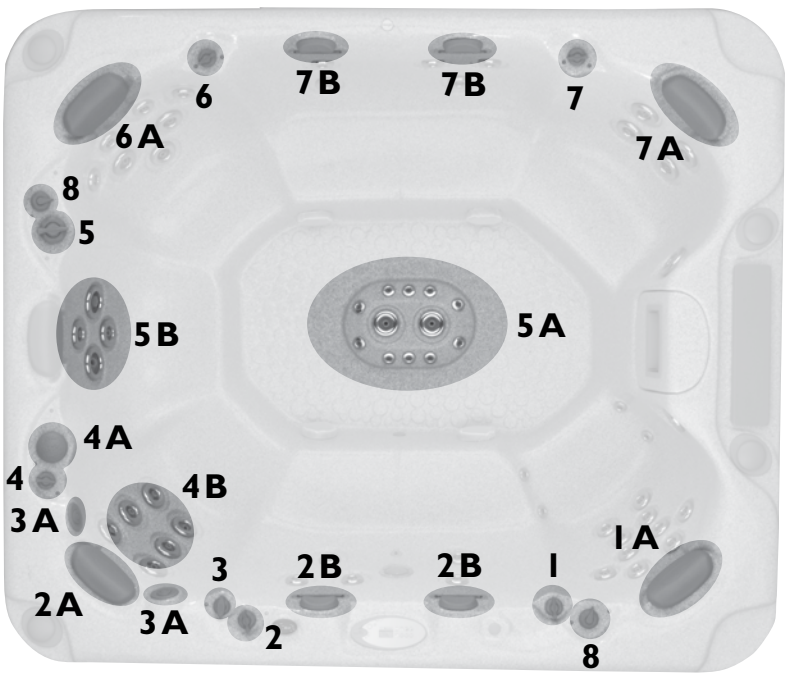
6 | VERSA-FLO™ AIR CONTROL VALVE

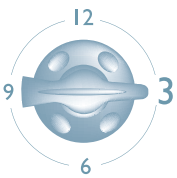
- This Valve adds or restricts intensity to jets when pump(s) are operating.

Note: Descriptions are based upon valve operation from within the spa.

BROADWAY

Jet System Menu

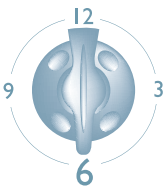




1 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Plus Jet 1A

- The 3 o'clock position operates an angled stream flow.
- The 9 o'clock position operates a flat stream flow
- The 6 o'clock position operates both at a reduced performance.



2 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Jet & (2) RelaxStream™ Waterfalls 2A & 2B

- The 3 o'clock position operates a flat stream flow 2A.
- The 9 o'clock position operates (2) RelaxStream™ Waterfalls 2B.
- The 6 o'clock position operates both at a reduced performance.

3 | PROJET STREAM™ VALVE

Controls the operation of the ProJet Stream™ Jets 3A

- Rotating the ProJet Stream™ Valve completely counter clockwise opens water flow to the ProJet Stream™ Jets.
- Rotating the ProJet Stream™ Valve completely clockwise closes the water flow to the ProJet Stream™ Jets.

4 | VERSA-FLO™ MICRO VALVE

Controls the Moto Stream™ Valves 4A sequencing speed to the 6 jets in the Moto Stream™ Seat 4B

- The 3 o'clock position turns off the Moto Stream™ valve 4A from sequencing the six jets in seat 4B.
- The 9 o'clock position turns on the Moto Stream™ valve 4A and begins sequencing the six jets in seat 4B.

5 | VERSA-FLO™ VALVE

Controls the amount of water flowing through Jets in 5A & 5B

- The 3 o'clock position operates the foot dome jet flow 5A.
- The 9 o'clock position operates the 4 jet seat flow 5B.
- The 6 o'clock position operates both at a reduced performance.

6 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Plus Jet 6A

- The 3 o'clock position operates a flat stream flow
- The 9 o'clock position operates an angled stream flow.
- The 6 o'clock position operates both at a reduced performance.

7 | VERSA-FLO™ MICRO VALVE

Controls the amount of water flowing through the Power Massage® Jet & (2) RelaxStream™ Waterfalls 7A & 7B

- The 3 o'clock position operates a flat stream flow 7A.
- The 9 o'clock position operates (2) RelaxStream™ Waterfalls 7B.
- The 6 o'clock position operates both at a reduced performance.

8 | VERSA-FLO™ AIR CONTROL VALVE

- This Valve adds or restricts intensity to jets when pump(s) are operating.

Note: Descriptions are based upon valve operation from within the spa.

EQUIPMENT MAINTENANCE

Saratoga Spa Jet Valve Maintenance
After a period of time it may become difficult to adjust and rotate the valves. It is necessary to clean the valves to ensure that they continue to perform well. The following instructions will walk you through the steps.

1. Turn power off to the spa.
2. Un-thread valve cover by turning valve cover counter clockwise.
3. Remove complete valve assembly, by pulling outward.
4. Clean or remove debris from valve or diverter.
5. Re-assemble and re-thread valve cover.

Moto Stream™ Valve Maintenance (Regent, Lincoln, Empire, Broadway)
The Moto Stream™ valve is another unique feature that Saratoga Spa uses for Hydrotherapy. It is necessary to clean the valve to ensure that the Moto Stream™ valve continues to perform well. The following instructions will walk you through the steps in cleaning the valve and cleaning the built in cup strainer. It is recommended to clean the Moto Stream™ valve every time you drain your spa.




Moto Stream™ Valve Cleaning

1. Turn power off to the spa.
2. Unthread Moto Stream™ Valve cover by turning valve cover counter clockwise.
3. Remove complete Moto Stream™ Valve assembly by pulling outward.
4. Remove and clean free of any debris in and on strainer screen and valve assembly.
5. Re-assemble and re-thread Moto Stream™ Valve into place.

Replacing the Spa Color Blast™ LED Light

The spa Color Blast™ LED Light is located inside of the equipment compartment. Remove the front access panel by first removing the screws on the access panel. Then locate the light housing mounted to the spa shell. Use a flathead screwdriver, placed into slot on back of light housing, turn and remove light housing and remove LED Color Blast™ light fixture. Install replacement LED Color Blast bulb unit (available from your Saratoga Spa dealer). Then re-attach light niche into light housing and close equipment compartment by securing the access panel.

CONTROL PANEL FUNCTIONS

MAIN CONTROL PANEL

The panel/topside will indicate the operations of the hydro jet pump(s), spa light, water temperature and will display diagnostic symbols.

Saratoga Spa models are equipped with a main control panel located on the top collar of the spa. The main control panel controls all of the spa functions. It displays the spa's status and any error messages. The main control panel and digital display are illuminated by a light from the inside of the panel.

The Lincoln, Empire, and Broadway models have an additional satellite panel located across from the main control panel that allows the spa user to operate the Jets 2 function from the other side of the spa.

MAIN CONTROL PANEL BUTTONS AND DIGITAL DISPLAY

The main control panel has buttons which the spa user presses to set the temperature, vary the intensity of the light and activate or deactivate the hydro jet pump(s). The control panel also has a digital display that displays the spa diagnostics (ie-temperature setting, jet functions or error messages).

Temperature Control

The set temperature range is from 59°F (15°C) to 104°F (40°C). The set temperature of the spa water will automatically be 95°F (35°C) the first time that power is applied. This is the setting programmed at the factory. If power is disconnected from the spa, it will automatically revert to the last set temperature when power is reapplied.

To display the set temperature of the spa, press the Cool or Warm button once. The set temperature will be displayed unless the control panel is locked.

To increase the set temperature of the spa water, press the Warm button twice. Pressing the button once will display the current set temperature. Pressing the button again will increase the set temperature by one degree.

To decrease the set temperature of the spa water, press the cool button twice. Pressing the button once will display the current set temperature. Pressing the button again will decrease the set temperature by one degree.

Note: The temperature shown on the display without pressing on any of the temperature buttons reflects the temperature of the water at that particular moment.

Conserve Button

The Conserve button gives the user the ability to program the number of hours the spa filters. Your Saratoga Spa is factory programmed to filter 24 hours a day. By using the conserve button, the filtering cycles can be adjusted. Each filtration cycle setting will run twice in a 24 hour period. The filtration cycles can be adjusted from 0 to 12 (0 equals no filtering and 12 equals 24 hour filtering). To program the filtering cycles, press and hold the Conserve button until the topside window displays a two-digit number. Release the Conserve button and then use the warm or cool button(s) to reach the desired setting. Once the desired setting has been displayed in the topside window, press the Conserve button to confirm the setting. At that time the new filtration cycle will begin.

Note: Saratoga Spa does not recommend setting the filtration cycle to zero (0). Non-filtered water can create odors, become cloudy, and also be generally unhealthy.

OPERATING THE HYDRO PUMPS

Jets 1 Button

Activates the hydro jet pump for maximum hydrotherapy jet action. Press Jets 1 button once for low speed (Jets 1 triangle icon will flash). Press Jets 1 button again for high speed and again to turn off (Jets 1 triangle icon will stay solid when Jets 1 is on high speed). Jets 1 will automatically shut off after 15 minutes of operation on low/or high speed.

Jets 2 Button

This button will activate the secondary hydro jet pump for additional hydrotherapy jet action. Press Jets 2 button once for high speed and again for off position (Jets 2 triangle icon will stay solid when Jets 2 is on high speed). Pump will automatically turn off after 15 minutes of operation. Jets 2 only operates at high speed.

Jets 3 Button

(Empire, Lincoln, and Broadway Models)

This button will activate the 3rd hydro jet pump. Press Jets 3 button once for high speed and again for off position (Jets 3 triangle icon will stay solid when pump is on). Pump will automatically turn off after 15 minutes of operation.

Note: The spa light will begin flashing 15 seconds before the pumps shut off as a reminder, that the pump(s) cycle is about to end.

Note: Saratoga Spas are designed for maximum heat retention. The unit is not designed to cool water. If the set or desired temperature is below that of the ambient temperature, the unit will not be able to achieve this demand. Depending on the desired temperature, it may be necessary to add cool water to the unit to lower your spas water temperature.

Light Control Button - Color Blast™ LED Lighting

The Color Blast™ LED light is designed to give the user multiple color options and styles. To turn on the spa light, press the light button. The light will illuminate with one of it's many combinations. As you continue to press the light button, different color combinations and illuminating styles, such as solid, fading or pulsating color will function. You must press the light button through each function before it reaches the off mode.

Optional Color Splash™ Lighting

See operational features and directions located in the Color Splash™ box, or contact your dealer for instructions.

MAIN CONTROL PANEL LOCKING FEATURES

There are two locking features: Minor Temperature Lock and Major Spa Panel Lock. The locking features are enabled from the main control panel. Once a locking feature is enabled, that particular locking feature will remain until cancelled by the user.

Minor Temperature Lock

The Minor Temperature Lock feature deactivates the temperature Warm or Cool buttons from the main control panel. All other functions on the main control panel will operate as normal. Minor Temperature Lock is most often used by people who do not want others to tamper with or change the set temperature of the spa water.

To activate the Minor Temperature Lock, press and hold the option key (approximately 5 seconds) until the letters “LocP” appear on the digital display. When the Minor Temperature Lock is activated, the Jets, Light and option buttons will operate normally and the temperature setting can be viewed but can NOT be changed. If a temperature button is pressed, the control panel will display the lock symbol “LocP”. To deactivate the Minor Temperature Lock, press and hold the option key until the letters “Uloc” appear on the digital display.

Major Spa Panel Lock

The Major Spa Panel Lock feature deactivates all of the functions of the main and satellite control panels. To activate the Major Panel Spa Lock, press and hold the option key until the letters “LocF” appear on the digital display (approximately 10 seconds). When the Major Spa Panel Lock is activated, if a button is pressed, the control panel will display the lock symbol “LocF”. To deactivate the Major Spa Panel Lock, press and hold the option key until the letters “Uloc” appear on the digital display (approximately 5 seconds).

SATELLITE PANEL (EMPIRE, LINCOLN, AND BROADWAY ONLY)

This smaller satellite panel is located on the spa collar opposite the main panel/topside control. All the features that are available for Jets 2 are accessible by using this smaller satellite panel. Temperature and light functions are not accessible through the smaller satellite panel.

SPA CARE AND WATER MAINTENANCE

GENERAL INFORMATION

Your Saratoga Spa is manufactured from the highest quality, most durable materials available today. We recommend that a spa maintenance program be followed. The care you take will ultimately determine how long your spa or its individual components will last. This section will help you maintain your investment.

Replacing The Water

Proper spa maintenance (regular draining and replacing of spa water according to these directions along with filter cleaning), proper spa water treatment (water balance and maintaining correct sanitizer levels), and proper installation (adequate ventilation) are the keys to ensuring sanitary, healthy spa water.

It is recommended that you completely drain your spa every 45 to 90 days. Normally, after a period of time the water will become sudsy and harder to maintain and should be replaced. The NSPI WRI, Water Replacement Interval Formula is as follows:

$$\text{WRI} = \frac{.33 \times \text{Spa Volume in US Gallons}}{\text{Average Bathers per Day}}$$

Note: Heavy usage may require more frequent draining.

To Drain Your Spa:

1. Disconnect the spa from the power supply by tripping the GFCI breaker located in the house breaker panel or at the GFCI disconnect breaker at the spa.
2. Take off the equipment access panel by first removing the screws and then pulling out the access panel. Locate main drain valve and attach the inlet of a garden hose to the drain valve. Route garden hose to an appropriate draining area away from the spa to avoid flooding of the surroundings around the spa.

Note: Spa water with a high sanitizer level may harm plants and grass.

3. Open the drain valve by turning the knob. The spa will drain by gravitational flow.
4. Saratoga Spas will drain to the lower suction fittings in the footwell of the spa. It may be necessary to vacuum or sponge up a small amount of the remaining water in the spa.
5. When empty, inspect the spa shell and clean as required.
6. Close the drain valve and remove garden hose.
7. Replace or close the equipment access door and replace screws.
8. Refill the spa through the filter compartment BEFORE restoring power.

Important:

Always clean the filter cartridges each time the spa is drained for cleaning.

Filter System

Saratoga Spas are equipped with two standard filter cartridges, except on the Lincoln, Empire and Broadway, which have two long filters. As with any filtering system, the filter cartridges may become clogged with particles, body oils or calcification resulting in poor water quality and reduced water flow. It is important to maintain a clean, unobstructed filtering system. A reduced water flow may cause a false High Limit reading or cause the circulation pump to burn out or turn off. If the circulation of water stops during sub-freezing temperatures and goes unnoticed, the spa water may freeze, which is not covered under manufacturer's warranties.

WARNING:

The frequency and duration of use, and the number of occupants, all contribute to determining the appropriate time between filter cleanings. More use means that more frequent filter cleanings are required. Failure to maintain the cartridges in a clean, unobstructed manner will result in reduced water flow. Any damage to the spa due to freezing or caused as a result of poor maintenance will not be covered by your spa warranty.

FILTER CARTRIDGE REMOVAL AND CLEANING

1. Disconnect the spa from the power supply by tripping the GFCI breaker at the spa.
2. Remove and carefully set aside the filter compartment cover.
3. Remove any floating items from within the filter compartment.
4. Grasp the handle of the filter cartridge and turn the cartridge clockwise until it is free from the base retainer. Leave screen adapter in place.
5. Place the cartridge on a clean surface and spray with a garden hose. It will be necessary to rotate the cartridge(s) to ensure all the filter pleats have been cleaned.
6. Continue cleaning by spraying down throughout the center of the cartridge (inside out).
7. For a complete and more thorough cleaning it is recommended to soak cartridges in a filter cleaning solution. Follow directions on the filter cleaner label.
8. Before inserting cartridges, do a final inspection of the cartridges.
9. To reinstall the filter cartridges, reverse the order in which the cartridges were removed.

WARNING:

Do not turn power on or use the spa with the filter cartridges or screen adapters removed!

Note: Spa cartridges are a disposable item and should be replaced each year.

CARE OF THE SPA PILLOWS

The spa pillows used on Saratoga Spa models will provide years of comfort if treated with care. To extend their life the spa pillows should be removed and cleaned. Wash with a mild soap and water solution. ALWAYS rinse off the spa pillows thoroughly to remove any soap residue. If the spa is not going to be used for a long period of time the spa pillows should be removed until the next spa use.

To remove and replace the spa pillows:

1. Carefully lift one end of the pillow away from the spa shell.
2. Continue lifting one end until it is released from the attachment bar on the spa shell. Do the same to loosen the other end of pillow.

3. To reinstall the spa pillow, carefully bend the pillow slightly to allow the slit on the back of the pillow to slip over the attachment bar retainer on the spa shell.
4. After the pillow slips over the attachment, press the pillow down into the recess in the spa shell.

Important:
Just pulling the pillow straight up and off of the attachment bar will eventually damage the pillow. This abuse is not covered under warranty.

CARE OF THE EXTERIOR

Spa Shell

Your Saratoga Spa is manufactured with a tough acrylic surface. Some staining or water marking may occur at or above the water surface. Removal of these surface conditions can usually be accomplished with a soft cloth by merely wiping them away. Stubborn stains can be removed first by draining the spa and then using a nonabrasive product. Always thoroughly rinse off any spa shell cleaning agent with fresh water.

Important:
Keep all cleaners out of the reach of children and use care when applying.

Spa Cabinet

The skirt around your Saratoga Spa is manufactured with the finest quality material and is available in a low maintenance exterior.

WeatherAll™ Skirt

The WeatherAll™ skirt combines the durability of plastic with the look of professionally finished wood. To remove any stains or dirt simply spray the skirt with water and wipe down with a soft cloth. WeatherAll™ is not designed to be stained or resealed.

Note: WeatherAll™ could experience natural fading due to sunlight and weather exposure.

CARE OF THE SPA COVER

Vinyl Cover

Your vinyl thermal spa cover has been designed for your particular spa. Monthly cleaning and conditioning is recommended to maintain its beauty.

To clean and condition the vinyl cover:

1. Remove the cover from the spa and gently lean it against a wall or fence.
2. With a garden hose, spray the cover to loosen and rinse away dirt or debris.
3. Using a large, non-abrasive sponge and using a very mild soap solution (one teaspoon dishwashing liquid with two gallons of water) scrub the vinyl top in a circular motion. Make sure to rinse all soap off the cover before it dries.
4. Scrub the cover's perimeter and side flaps. Rinse clean with water.
5. Rinse off the underside of the cover with water only (use no soap), and wipe it clean with a dry rag.
6. To condition the cover after cleaning, apply a thin film of saddle soap (follow directions on the container) or vinyl conditioning cream.

Important reminders:

- **Do** unlock and release all cover locks before attempting to open cover.
- **Do** remove snow buildup to avoid damage of the foam core from the additional weight of the snow (not covered under warranty).
- **Do** lock cover lock straps to secure the cover when the spa is not in use.
- **Do not** drag or lift the spa cover using either the flaps, or the cover tie downs.
- **Do not** walk, stand, or sit on the cover.

Important:
Whenever the spa is not in use it is essential that the thermal cover be kept in place. When filled this ensures effective temperature maintenance and economical operation. When empty this prevents potential damage to the spas surface finish which can result from excessive heat caused by the sun. This type of damage is specifically excluded from warranty protection. It is recommended that the thermal cover tie downs always be used to discourage access to the spa by unsupervised children and minimize heat loss.

*The spa cover manufacturer handles all warranty claims. Saratoga Spa does not handle any warranty issues on the spa cover. Every Saratoga Spa is equipped with a locking cover that meets the ASTM F1346-91 standard for safety covers.

WINTERIZING YOUR SPA

If you chose not to use your Saratoga Spa during the winter, it is recommended to properly winterize your spa. Any damage occurring due to accidental freezing of the spa is not covered under warranty.

The following steps are designed to protect your spa from freezing if followed. For ultimate protection against freeze damage to your spa, contact your local Saratoga Dealer to schedule a winterizing service plan.

1. Turn power off to the spa. Trip GFCI breaker.
2. Unscrew panel screws. Remove access panel.
3. Locate the drain valve and attach a garden hose to the drain valve.
4. Open the drain valve and allow the water to drain (Saratoga Spas will drain to the drain fitting in the footwell of the spa).
5. Remove filter cartridges and screen adaptors. Clean and store in a dry place.
6. Using a wet/dry shop vac vacuum, soak up the water remaining on the bottom of the spa.
7. Open unions at the heater and at the pump(s). Remove pump(s) from spa. Vacuum up water from return and suction sides of the plumbing on the pump(s). Vacuum any water from heater housing. Leave unions at the heater and at the pump(s) open.
8. Reverse vacuum and blow out each line of the plumbing going into the pump(s).
9. Remove drain plug(s) from pump(s). Vacuum up any water. Leave drain plug(s) open.
10. Place three cups of non-toxic antifreeze in wet end of pump(s). Reinstall pump(s) with unions loose and drain plug(s) out.

Important:
Do not use ethylene glycol based antifreeze. This type of antifreeze is toxic and can damage the spa surface.

11. Place the vacuum hose down the filter cartridge openings and vacuum up any water from filter compartment.
12. Disconnect the unions at the circulation pump from both the return and suction side of pump.
13. Remove circulation pump.
14. Vacuum up both suction and return side of the circulation pump.
15. Reverse vacuum and blow out each side of circulation pump. Also, blow out and vacuum any water from the hoses coming into the circulation pump.
16. Reattach circulation pump and leave hoses unattached.
17. With a shop vac, go to every jet in the spa (including suction fittings) and place vac hose over the face of every jet and vacuum out any water left in the lines. Do the same to the filter housing and filter cartridge openings. Continue to do the same to the heater and the plumbing going into the pump(s). Remove every jet valve assembly and continue to vacuum out any water in the plumbing lines.
18. Wipe down spa shell with a soft clean cloth.
19. Place spa cover over spa and lock into place.
20. To restart the spa, connect all hoses and close all unions. Once all the hoses, jet valve assemblies, and pump unions are reattached, follow the normal fill-up procedures. It may be necessary to flush the spa depending on the amount of antifreeze used.

Note: It may be necessary to lubricate o-rings and gaskets for a positive seal. Use only Saratoga Spa approved lubricants, contact your local dealer for more information.

WARNING:
If these instructions are not followed, damage due to freezing water in the plumbing lines may occur and is not covered under manufacturer's warranty.

WATER QUALITY MAINTENANCE

General Information

As the owner of a Saratoga Spa, endless hours of entertainment, recreation, and relaxation await you. Caring for your spa will become a routine and pleasant part of your daily activities. You will be able to maintain your spa water and keep your spa equipment in excellent condition. To do so you first must balance your spa water.

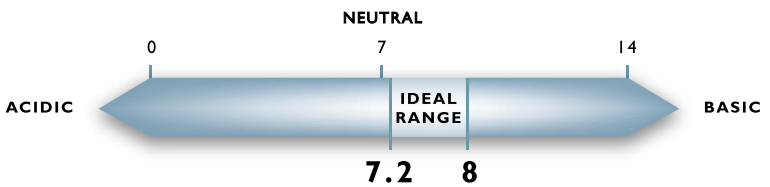
Balanced Water

Balanced water ensures spa bathers safety as well as protecting the spa heater and components from corrosion. Also, balanced water protects the spa surface from unsightly scale deposits which reduce the efficiency of the spa equipment. You can obtain balanced water by correctly adjusting a few chemical components in the water. Specifically, you will need to adjust the pH, total alkalinity and calcium hardness

Note: Improper water chemistry can result in product failure and invalidate your warranty.

pH

pH is measured on a scale that runs from 0-14. pH indicates whether water is neutral, acidic, or basic. The drawing below shows a pH equal to 7.0 is neutral. A pH below this point is acidic and a pH above this point is basic.



Recommended Range - 7.2 to 7.8

If the pH is too low it can

1. Corrode metal surfaces.
2. Use excess sanitizer.
3. Irritate bathers' skin and eyes.

If the pH is too high it can

1. Deposit scale on surfaces.
2. Contribute to cloudy water.
3. Cause eye irritation.
4. Reduce sanitizer efficiency.

Test pH weekly

Adjusting pH

To raise pH add a granular pH Increaser or sodium carbonate at the rate suggested on the container. To lower pH add a granular pH Decreaser, or sodium bisulfate at the rate suggested on the container. After initial application, allow water to circulate approximately 15 minutes on Pump 1 at high speed. Test pH and add second dose if required.

Total Alkalinity

There are minerals in your spa water that act as buffering agents. Total alkalinity is the measurement of these alkaline materials that help prevent corrosion and staining. The correct amount of alkalinity in your spa water will keep the water's pH consistent while allowing for economical pH adjustment when necessary.

Example: At low total alkalinity levels, the water's pH easily drifts, making frequent pH adjustments necessary and the added expense of multiple chemical treatments.

On the other hand, a high total alkalinity level keeps the water's pH rigidly fixed. If pH adjustment is necessary, you will need unusually large amounts of treatment chemicals to change the water's pH.
Recommended Range: 80 to 120 Parts Per Million (PPM)

Potential Problems:

1. pH difficult to maintain. If total alkalinity is too low, pH will drift.
2. Corrosive tendencies. If total alkalinity is too high:
   - pH difficult to adjust (it remains fixed.)
   - Cloudy water.
   - Potential for scaling.
   - High pH and low sanitizer efficiency.

TESTING WEEKLY

Adjusting Total Alkalinity

Total Alkalinity can be raised with Alkalinity Increaser, or sodium bicarbonate at the manufacturer's recommendation for dosage.

Calcium Hardness

Calcium hardness is the amount of dissolved calcium in your spa water. Too little calcium in the water will etch plaster surfaces, too much will leave deposits on surfaces and equipment.
Recommended Range: 125-150

Potential Problems:

Calcium Hardness Too Low:
- Some surfaces may be etched.
- May lead to equipment corrosion.

Calcium Hardness Too High:
- May contribute to cloudy water.
- Scaling of surface, piping and equipment.

Adjusting Calcium Hardness

Raise hardness by the addition of calcium chloride. Decrease calcium hardness by draining spa and replacing with water containing lower levels of calcium hardness.

Disinfectant

- Brominating Tablets, Granular Bromine and Granular Chlorine are popular disinfectants and are particularly well suited to compliment your ozone purification system spa. They are also very suitable products in water with elevated temperatures.
- Brominating Tablets and Granular Bromine are effective as a spa water sanitizer and disinfectant. Follow manufacturer's directions for proper dosage. It is recommended to maintain an active bromine residual of 2.0 to 4.0 ppm.
- Granular Chlorine (Dichlor Dihydrate, Lithium Hypochlorite), is designed to dissolve quickly and completely, provide a steady source of available chlorine to control the growth of algae, kill bacteria and destroy organic contaminants. It is recommended to maintain a chlorine residual of between 1.0 and 3.0 ppm.. Non-Chlorine type shock will oxidize or destroy most of the organic contaminants that result from bather load. This quick acting oxidizing shock treatment goes to work almost immediately improving water quality and eliminating irritating wastes and odor. This product is intended to be a shock treatment only, and is not a disinfectant.

Shock Treatment with Granular Disinfectant

Adding granular chlorine or bromine disinfectant to the water in amounts much larger than normal is called "shocking" the spa and should not be confused with non-chlorine shock. An occasional shock treatment destroys algae, bacteria, and chloramines. After shocking your spa, do not allow bathers to enter the spa until disinfectant levels drop to normal.

What Causes Loss of Disinfectant?

- *Algae:* The presence of algae will consume large amounts of disinfectant. If you have an algae problem, the use of an algaecide in addition to disinfectant may be necessary.
- *Bather Load:* The greater the number of people using your spa, the more disinfectant you will need to use.
- *Improper pH:* A high pH above 7.8 substantially retards disinfecting. Keep the pH between 7.2 and 7.8.
- *Sunlight:* The sun's Ultraviolet (UV) rays readily dissipate disinfectant levels.
- *Water Temperature:* High water temperature accelerates the loss of disinfectant.
- *Weather:* Rain and wind can carry a significant amount of contaminants into your spa.

Remember to Maintain:

- pH 7.2 to 7.8
- Total alkalinity 80 to 120 ppm
- If using brominating tablets the proper level in dispenser
- Maintain granular chlorine residual level at 1.0 to 3.0 ppm
- Maintain bromine residual level at 2.0 to 4.0
- Calcium hardness 125-150
- Non-chlorine shock weekly or as needed based on spa use
- Test pH, total alkalinity and calcium hardness weekly
- Test disinfectant daily (Spa test kits are available through your Saratoga Spa Dealer.)

Ozone Generators

The Saratoga Spa Luxury Line comes equipped with an ozone generator. It automatically produces ozone 24 hours a day through our Whisper Clean® System, unless it is overridden by another system protection mode. (For ozone trouble shooting see page 53) The Ozone generator is equipped with a chip that will need to be replaced approximately every two years. This is a non-warranty item.

What is Ozone?

Ozone is nature's natural purifier. It is a chemical known as O3 and is produced from simple oxygen molecules in our atmosphere. Ozone will breakdown and oxidize oils, greases, suntan lotions, sweat, urea, etc. from spa water more effectively than any other oxidizer commercially available. Ozone also assists chlorine, or bromine, to destroy bacteria and viruses and will do so more effectively. Ozone only leaves simple oxygen in the water as a by-product.

How is Ozone Produced?

Ozone is produced in nature from lightning during electrical storms and is also produced from ultraviolet rays from the sun to form our protective ozone layer. Your ozone converter unit is designed to duplicate this natural sanitizer.

Note: Always follow instructions and dosages listed by chemical manufacturers. Use only spa chemicals in your spa. Do not mix chemicals or add chemicals during bather use.

OPERATIONS TROUBLE SHOOTING GUIDE

PROBLEM	PROBABLE CAUSE	SOLUTIONS
Spa is not operating	• Power failure	• Check power source
	• GFCI breaker tripped	• Try resetting GFCI breaker. If breaker continues to trip, contact your dealer.
	• Heater Hi-Limit tripped	• Check for dirty filters. Check to see if circulation pump is air locked.
Spa is not heating	• Dirty filters	• Clean the filters
	• Temperature setting too low	• Increase the set temperature
	• Pressure switch out of calibration	• Contact your dealer
	• Air trapped in circulation line	• Using a garden hose, force water through Whisper Clean® cartridge opening or loosen the bottom heater union to allow trapped air to escape.
	• Heater Hi-Limit tripped	• Try resetting GFCI breaker. If breaker continues to trip, contact your dealer.
Poor or no water flowing through the jets	• Dirty filters	• Clean the filters
	• Inadequate water level	• Fill spa to 2" above filters
	• Air lock	• Prime the pump(s) by loosening unions on the pump(s) until air can be heard escaping, then tighten unions.
Spa light out	• Burned out Color Blast™ Light	• Replace with new Color Blast™ Light
	• Light not turned on	• Press the light key to desired style and performance
Pump(s) turn off unexpectedly	• Automatic 15 minute shut off	• Press jets button again to start another 15 minute cycle
	• Pump(s) may have overheated. Built in protective overheat shut off	• Let pump sit for about 10-15 minutes. Allow pump to cool down, keep vented areas on access panel free from blockage.

OPERATIONS TROUBLE SHOOTING GUIDE

PROBLEM	PROBABLE CAUSE	SOLUTIONS
Spa jets/ pump(s) turn on automatically	• Normal power filtration cycle	• No action necessary
	• Summer Setting mode cycle activated	• No action necessary
	• Smart Winter mode cycle activated	• No action necessary
Not able to operate main control panel	• Panel may be locked	• Hold down option key until "Uloc" appears on the digital display
	• Panel may have malfunctioned	• Contact your dealer
Water does not clear up	• Bad water chemistry	• Balance water
	• Dirty filter cartridges	• Clean or replace filters
	• Ozone generator not operating or ozone chip needs replacement through	• Locate ozone generator, look for ultraviolet light to be illuminated through window on ozone generator
	• Bromine/chlorine residual levels too low	• Adjust Bromine/chlorine levels. Shock if necessary. May have to replace water
Temperature reading too low	• Panel reading in degrees Celsius (°C) rather than Farenheit (°F)	• To toggle from Farenheit to Celsius, or from Celsius back to Farenheit, press and hold the light button for 5 seconds

DIAGNOSTIC DISPLAY MESSAGES ON MAIN CONTROL PANEL

Smart Winter Mode / Flashing ▲ above filter icon
This system prevents the water from freezing in the plumbing or the pumps. An onboard sensor continuously checks the ambient air temperature in the control pack. If at any time the temperature falls below 43°F the Smart Winter Mode will be activated for the next 24 hours, even if the temperature returns to above 43°F. During this Smart Winter Mode the range of temperature will determine the frequency of the pump operation. The colder the ambient temperature, the more frequently the pumps will run. The time range will vary from every 15 minutes to every 2 hours. When the pumps are operating because of this feature, the filter cycle icon on the display will flash. No corrective action is necessary.

Summer Setting Mode / "SSEt"
Your spa is equipped with this feature to prevent heat build up.

Standard (Outdoor) Mode: When water temperature is 2°F greater than set temperature, the circulation pump and ozone generator will turn off for 3 hours. After 3 hours the circulation pump and ozone generator will turn on again for 1 hour and pump 1 will run for 1 hour then turn off again for 3 hours; this cycle will keep repeating. When the circulation pump and ozone generator are off "SSEt" and the water temperature are alternately displayed on the panel (SSEt = summer setting). The circulation pump turns on automatically if the water temperature drops below 1°F of the set temperature.

Indoor Mode: When the water temperature is 2°F greater than set temperature the circulation pump and ozone generator will turn off for 3 hours. After 3 hours the circulation pump and ozone generator will turn on again for 1 hour but pump 1 will not operate in the indoor mode. This cycle will keep repeating. When the circulation pump and ozone generator are off, "SSEt" and the water temperature are alternately displayed on the panel (SSEt=summer setting). The circulation pump turns on automatically if the water temperature drops below 1°F of the set temperature. Indoor mode is activated by holding down the light key for 10 seconds. Check with your Saratoga dealer for further information.

"..." (3 dots flashing):

- The filter(s) may be plugged. Remove filter(s) and clean.
- The amount of water flow may be inadequate. Make sure the water level is correct.
- A pressure switch may have malfunctioned.

Note: If the open pressure switch error persists for more than 5 minutes, the circulation pump output will enter an open pressure switch error cycle which consists of stopping the circulation pump for 10 seconds, then start the circulation pump for 5 minutes. The cycle will repeat three times prior to a final power down of the circulation pump. If any manual key is pressed the system will restart three cycles.

"122°F" or "32°F":

Open sensor (spa is deactivated): The main temperature sensor is nonfunctional. This must be repaired only by a Dealer or service organization.

"..." (3 Dots Flashing) with red light (located on PC board):

Overheat protection (spa is deactivated): If a malfunction occurs and the spa water reaches 112°F, the system will completely shut down and will stay off until the water temperature reaches 109° F. In such a condition, **DO NOT ENTER THE WATER**. Turn off all power to the spa and contact your Dealer or service organization.

Temperature Flashing:

Power to spa has been interrupted. Press any key on panel and temperature should stop flashing. Temperature may also flash when spa has overheated. In such a case, contact your Dealer and **DO NOT ENTER WATER.**

SERVICE AND WARRANTY INFORMATION

General Service Information

Your Saratoga spa has been designed to provide years of trouble-free use. As with any appliance, problems may occasionally occur that require the expertise of a qualified service person. Though such simple repairs as resetting a GFCI switch or breaker, resetting a high limit thermostat or replacing a light bulb may not require a service call, they may indicate that a more serious condition exists. These conditions may require an experienced service person. Before calling for service, please refer to the Troubleshooting Guide.

Note: Always retain your original sales receipt for future reference.

Acts Invalidating Warranty

The limited warranty is void if the Saratoga spa has been improperly installed, subjected to alteration, misuse, or abuse, or if any repairs on the spa are attempted by anyone other than an authorized representative of Saratoga Spa Company. Alteration shall include any component or plumbing change, electrical conversion, or the addition of any non-approved sanitation or water purification device, or heating system which contributes to component or unit failure or unsafe operating system. Misuse and abuse shall include any operation of the spa other than in accordance with Saratoga Spa Company printed instructions, or use of the spa in an application for which it is not designed; specifically: use of the spa in a non-residential application; damage caused by operation* of the spa at water temperatures outside the range of 35°F and 120 °F; damage caused by a dirty, clogged or calcified filter cartridge; damage to the spa components or spa surface determined to have been caused by improper water maintenance or improper use of chemicals (refer to pages 50–52 of this owners manual); damage caused by allowing undissolved spa sanitizing chemicals to lie on the spa surface (no spa surface material can withstand this kind of abuse); and damage to the spa surface caused by leaving the spa uncovered while empty of water and in direct exposure to sunlight (this may cause solar heating distress in warm weather regions). These are considered abuses and may invalidate this warranty.

Acts of nature, and damage caused by animals, rodents, and insects are considered abuses and are not covered under this warranty.

*Operation of the spa does not mean “use” of the spa! Saratoga Spa Company does not recommend using the spa if the water temperature is above or below the spa’s control panel temperature range.

DISCLAIMERS

Saratoga Spa Company shall not be liable for loss of use of the Saratoga spa or other incidental, consequential, special, indirect, or punitive costs, expenses or damages, which may include but are not limited to the removal of a permanent deck or other custom fixture or the necessity for crane removal. Any implied warranty shall have a duration equal to the duration of the applicable limited warranty stated above. Some states do not allow limitations on how long an implied warranty lasts. Under no circumstances shall Saratoga Spa Company or any of its representatives be held liable for injury to any person or damage to any property, however arising.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

SARATOGA SPA REPLACEMENT PARTS

74455

Saratoga Luxury Line Microban® Filter
4 3/4" x 12 5/16"..... 74455

74457

Saratoga Luxury Line Microban® Filter (Lincoln, Empire, Broadway)
4 3/4" x 16 1/2"..... 74457

74451 & 74450

Screen adapters for base of filter cartridge
NPT Screen adapter..... 74450
ACME Screen adapter..... 74451

Pillow w/ Bar Mount
Small Pillow w/ Bar Mount..... 74332B
Standard Pillow w/ Bar Mount..... 74334

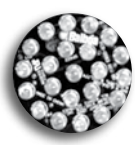
ADDITIONAL ACCESSORIES

149833

Versa Lifter..... 149833

149834

Spa Cover Lifter
Lifts any spa cover up to 96" without hydraulics.... 149834
* Broadway Model *..... 149835



70400

Retrofit 22 LED light
Displays various color shows..... 70400

ADDITIONAL ACCESSORIES (CONT.)

084007, 084006 & 084004

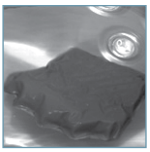
2x3 Cedar spa step-ups offered in three different colors

Red Cedar.....084007
Grey Stain.....084006
Unstained.....084004

084022 & 084023

Byron Original Sure Steps

Red.....084022
Grey.....084023



Booster Seat

Pillow Spa Booster.....Booster Seat

SPA CARE AND MAINTENANCE RECORD

DATE	Drain and Clean Spa Shell	Spray Clean Filter Cartridge	Soak Filter Cartridge	Complete Spa Water Balance	Clean and Condition Vinyl Spa Cover	Winterize Spa	Miscellaneous Service

SPA CARE AND MAINTENANCE RECORD

DATE	Drain and Clean Spa Shell	Spray Clean Filter Cartridge	Soak Filter Cartridge	Complete Spa Water Balance	Clean and Condition Vinyl Spa Cover	Winterize Spa	Miscellaneous Service

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