

# OWNER'S MANUAL



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MARQUIS SPAS



# OWNER'S MANUAL

## WELCOME TO THE SPA LIFE!

Please enjoy your new spa, but think "Safety First". Read your Owner's Manual in its entirety before installing your spa and encourage all spa users to do the same. More than just basic common sense, this Owner's Manual provides you with vital safety and operational information.

Every effort has been made to ensure the accuracy of this manual. However, Marquis Spas reserves the right to improve its product without notice. This could create a minor variation between this manual and the actual product you receive. We apologize for any inconvenience this may cause.

## SERIAL NUMBER LOCATION

On your spa, the serial number is engraved directly above the filter canister area. On those models that are listed by Underwriters Laboratories, you will also find the serial number on the tag in the equipment area.

## PLEASE FILL OUT AND KEEP FOR FUTURE REFERENCE

Name of Purchaser

Date of Purchase

Address

City

State

Zip Code

Signature

Telephone

Spa Model / Series / Color

Spa Serial #

Pack Serial #

Retailer's Name

Retailer's Address

Telephone

City

State

Zip Code

We sincerely hope your spa life is a pleasant experience. If problems should arise, contact your Marquis retailer. Or contact Marquis Corp. by using one of the methods below.

596 Hoffman Road, Independence, OR 97351  
Voice (503)838.0888 (800)275.0888 • [www.marquisspas.com](http://www.marquisspas.com)  
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## MARQUIS SPAS



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The following instructions are required to be printed by Underwriters Laboratories (UL) as a condition of the listing of this product. They contain important safety information, and we strongly encourage you to read and apply them.

## IMPORTANT SAFETY INSTRUCTIONS

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**WHEN INSTALLING AND USING THIS ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:**

### 1. READ AND FOLLOW ALL INSTRUCTIONS

2. **WARNING:** To reduce the risk of injury, do not permit children to use this product unless closely supervised at all times.
3. **DANGER: RISK OF CHILD DROWNING.** Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use the spa or hot tub unless they are supervised at all times.

### 120 VOLT, CORD AND PLUG CONNECTED MODELS

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4. **DANGER: RISK OF INJURY.** Connect only to a grounded source.
5. Do not bury the power cord.
6. **WARNING:** To reduce the risk of electric shock, replace a damaged cord immediately.
7. A ground terminal (pressure wire connector) is provided on the surface of the control box inside the equipment compartment. This connector should be bonded with a minimum No. 8 AWG (8.4mm<sup>2</sup>) solid copper wire between this unit and any metal ladders, metal water pipes, metal enclosures of electrical equipment, conduit or metal equipment within five feet (1.5m) of the spa. If the spa is located on a reinforced concrete pad, the reinforced steel should also be bonded to the ground terminal.
8. **WARNING:** Your spa is equipped with a ground fault circuit interrupter (GFCI) on the end of the power supply cord. Before each use of the spa, with the plug connected to the power supply and the unit operating, press the "test" button. The unit should stop operating and the GFCI power indicator will go out. Wait thirty seconds and then reset the GFCI by pressing the "Reset" button. The GFCI power indicator will turn on, restoring power to the spa. If the interrupter does not perform in this manner, it is an indication of an electrical malfunction and the possibility of an electric shock. Disconnect the plug from the receptacle until the fault has been identified and corrected.

**NOTE:** Failure to wait thirty seconds before resetting the GFCI may cause the spas' Power Indicator on control panel to blink. If this occurs, repeat the GFCI test procedure.

### 240 VOLT, PERMANENTLY INSTALLED OR CONVERTED MODELS

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9. A ground terminal is provided on the terminal block (TB-1, terminal 7) located inside the control box. To reduce the risk of electric shock, connect this terminal to the grounding terminal of your electrical service or supply panel with a continuous green, insulated copper wire. The wire must be equivalent in size to the circuit conductors supplying the equipment. In addition, a bonding terminal (pressure wire connector) is provided on the outside of the control box for bonding to local ground points. To reduce the risk of electric shock, this connector should be bonded with a No. 8 AWG (8.42mm<sup>2</sup>) solid copper wire to any metal ladders, water pipes, or other metal within five feet (1.5m) of the spa to comply with local requirements.



10. Your spa uses ground fault circuit interrupters in the electrical subpanel. Before each use of the spa and with the unit operating press the Test button on each breaker. The switch should click over to the "Trip" position. Wait thirty seconds and reset each GFCI breaker by switching it completely off and then completely on. The switch should then stay on. If either of the interrupters does not perform in this manner, it is an indication of an electrical malfunction and the possibility of an electric shock. Disconnect the power until the fault has been identified and corrected.

**NOTE:** Failure to wait 30 seconds before resetting the GFCI may cause the spa's Power Indicator (on the control panel) to blink. If this occurs, repeat the GFCI test procedure.

## ALL SPA MODELS

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11. Install the spa so proper drainage is provided for the compartment containing the electrical components.
12. **DANGER: RISK OF ELECTRIC SHOCK.** Install the spa at least five feet (1.5m) of metal surfaces if, in accordance with the National Electric Code ANS/NMFFPA70 - 1993, each metal surface is permanently connected to a minimum No. 8 (8.42mm<sup>2</sup>) solid copper conductor attached to the wire bonding connector on the terminal box that is provided for this purpose.)
13. **DANGER: RISK OF ELECTRIC SHOCK.** Do not permit any appliance, such as a light, telephone, radio, or television within five feet (1.5m) of the spa or hot tub.
14. **WARNING:** To reduce the risk of injury:
  - The water in the spa should never exceed 104° F (40° C). Water temperatures between 100° F (38° C) and 104° F (40° C) are considered safe for a healthy adult. Lower water temperatures are recommended for extended use (exceeding 10 minutes) and for young children.
  - Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit spa water temperatures to 100° F (38° C).
  - Before entering a spa, the user should measure the water temperature with an accurate thermometer since the tolerance of temperature-regulating devices may vary as much as +/- 5° F (3° C).
  - The use of drugs, alcohol, or medication before or during spa use may lead to unconsciousness with the possibility of drowning.
  - 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 the spa.
  - Persons using medications should consult a physician before using a spa since some medication may induce drowsiness while other medication may affect heart rate, blood pressure, and circulation.
15. **DANGER: TO REDUCE THE RISK OF INJURY TO PERSONS.** Do not remove the suction fittings.
16. **DANGER: RISK OF INJURY:** Never operate a spa if the suction fitting(s) are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the original suction fitting. The suction fittings in the spa are sized to match the specific water flow created by the pump. Should the need arise to replace the suction fittings or the pump, be sure that the flow rates are compatible.
17. **DANGER:** Children are especially sensitive to hot water. At no time should children have unsupervised access to the spa. Children must not be allowed to climb onto the spa cover. All Marquis Spas are equipped with a locking cover that meets the ASTM F1346-91 Standard for Safety Covers. Always lock the child resistant locks after using the spa for your children's safety.
18. **SAVE THESE INSTRUCTIONS.**



**WARNING:** Children should not use spas or hot tubs without adult supervision.

**WARNING:** Do not use spas or hot tubs unless all suction guards are installed to prevent body and hair entrapment.

**WARNING:** Do not use drugs or alcohol before or during the use of a spa or hot tub to avoid unconsciousness and possible drowning.

**WARNING:** People using medications and/or having an adverse medical history should consult a physician before using a spa.

**WARNING:** The use of alcohol, drugs, and medication can greatly increase the risk of fatal hyperthermia.

**WARNING:** Before entering the spa or hot tub measure the water temperature with an accurate thermometer.

**WARNING:** Water temperature in excess of 38°C may be injurious to your health.

**WARNING:** Prolonged immersion in a spa or hot tub may be injurious to your health.

**WARNING:** People with infectious diseases should not use a spa.

**WARNING:** Pregnant or possibly pregnant women should consult a physician before using a spa or hot tub.

**WARNING:** To avoid injury exercise care when entering and exiting the spa or hot tub.

**WARNING:** Do not use a spa or hot tub immediately following strenuous exercise.

**CAUTION:** Maintain water chemistry in accordance with manufacturer's instructions.

## **The following information is included for French speaking spa owners.**

**AVERTISSEMENT:** Ne pas placer d'appareil électrique (luminaire, téléphone, radio, téléviseur, etc.) moins de 1.52 m de cette cuve de relaxation.

**AVERTISSEMENT:** Ne pas laisser les enfants utiliser une cuve de relaxation sans surveillance.

**AVERTISSEMENT:** Pour éviter que les cheveux ou une partie du corps puissent être aspirés, ne pas utiliser une cuve de relaxation si les grilles de prise d'aspiration ne sont pas toutes en place.

**AVERTISSEMENT:** Pour éviter l'évanouissement et la noyade éventuelle, ne prendre ni drogue ni alcool avant d'utiliser une cuve de relaxation ni quand on s'y trouve.

**AVERTISSEMENT:** Les personnes qui prennent des médicaments ou ont des problèmes de santé devraient consulter un médecin avant d'utiliser une cuve de relaxation.

**AVERTISSEMENT:** La consommation d'alcool ou de drogue augmente considérablement les risques d'hyperthermie motrice dans une cuve de relaxation.

**AVERTISSEMENT:** Avant d'utiliser une cuve de relaxation mesurer la température de l'eau l'aide d'un thermomètre précis.

**AVERTISSEMENT:** Il peut être dangereux pour la santé de se plonger dans de l'eau plus de 38°C.

**AVERTISSEMENT:** L'utilisation prolongée d'une cuve de relaxation peut être dangereuse pour la santé.

**AVERTISSEMENT:** Les personnes atteintes de maladies infectieuses ne devraient pas utiliser une cuve de relaxation.

**AVERTISSEMENT:** Les femmes enceintes, que leur grossesse soit confirmée ou non, devraient consulter un médecin avant d'utiliser une cuve de relaxation.

**AVERTISSEMENT:** Pour éviter des blessures, user de prudence en entrant dans une cuve de relaxation et en sortant.

**AVERTISSEMENT:** Ne pas utiliser une cuve de relaxation immédiatement après un exercice fatigant.

**ATTENTION:** La teneur de l'eau en matières dissoutes doit être conforme aux directives du fabricant.



## SAFETY SIGN

Each Marquis Spa is shipped with a SAFETY SIGN in the spa's Owner's Package. Underwriters Laboratories (UL) recommends this sign be permanently installed where it is visible to the users of the spa. To obtain additional Safety Signs, contact your Marquis Spas dealer and request Part #710-0789. Replacement Owner's Manuals are also available.

## PERSONAL SAFETY

Prolonged immersion in hot water can result in HYPERTHERMIA, a dangerous condition which occurs when the internal temperature of the body reaches a level above normal (98.6° F). The symptoms of hyperthermia include dizziness, fainting, drowsiness, lethargy, and a body temperature above 98.6° F. The physical effects of hyperthermia include unawareness of impending hazard, failure to perceive heat, failure to recognize the need to exit the spa, physical inability to exit the spa, fetal damage in pregnant women, and unconsciousness resulting in a danger of drowning.

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

Persons taking medications which induce drowsiness such as tranquilizers, antihistamines or anticoagulants should not use the spa. Pregnant women and persons with a medical history of heart disease, diabetes, or high blood pressure should consult a physician before using the spa.

### PERSONAL SAFETY DO'S:

- Be sure your spa is connected to the power supply correctly – use a licensed contractor.
- Disconnect the spa from the power supply before draining the spa or servicing the electrical components.
- Test the GFCI monthly.
- Test the water temperature with your hand before entering the spa to be sure that it's a comfortable temperature.
- Remember that wet surfaces can be very slippery. Take care when entering and exiting the spa.
- Use the safety cover when the spa is not in use, whether it is empty or full of water.
- Keep the water clean and sanitized with correct chemical care.
- Turn on the jets when adding ANY spa water chemicals into the filtration compartment.
- Clean the filter cartridge(s) monthly to remove debris and mineral buildup which may affect the performance of the hydrotherapy jets, limit the flow, or trip the high limit thermostat which will turn off the entire spa.

### PERSONAL SAFETY DON'TS:

- Don't use the spa with the equipment compartment door removed.
- Don't use the spa for long periods of time at water temperatures in excess of 104° F.
- Don't allow the jet pump(s) to operate for an extended period of time with the cover in place. Extended pump operation will cause a slow heat buildup due to water friction. The spa equipment controls are equipped with a built-in safety timer that will automatically shut off the jet pump(s) after 15 minutes of continuous operation should it have been left on inadvertently.
- Don't operate the spa at any time with the filter cartridges removed.
- Don't lift or drag the cover by using the tie-down straps; always lift and carry by using the handles.
- Don't store chemicals in the spa's equipment compartment.
- Don't hesitate to call your Marquis Spas representative with any questions or maintenance concerns.



## LOCATION

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For your portable spa to function properly and safely, it must be located on a hard, flat, level surface. In-ground spas require special installation techniques and should be planned in conjunction with your spa dealer. Improper installation can result in structural damage to the spa and the voiding of your spa warranty. Items to discuss with your dealer include: Local construction codes, electrical service requirements, serviceability of equipment, present underground obstructions such as gas, water and telephone lines, safety measures such as fences, locks and visibility of the spa installation from the home, street and neighbors.

- You must allow for sufficient water drainage around the spa to help preserve the equipment and support structure.
- Your spa MUST be installed to permit access for servicing the equipment above and/or below any decks or floors. Access is essential and must allow adequate room for service.
- Be sure the spa is in the final position BEFORE filling with water. Check for power cords, tools, and hoses that may be caught underneath the spa.

**CAUTION:** Never try to move a spa that has not been fully drained. To do so could result in damage to the spa and physical injury to the mover.

**IMPORTANT:** DO NOT LET AN EMPTY SPA REMAIN EXPOSED TO DIRECT SUNLIGHT FOR MORE THAN A FEW MINUTES. Spa surface temperatures can reach in excess of 150° F (65°C) if left exposed to the sun. Significant damage can occur if this is allowed to happen, including warping and blistering of the surface. Damage, which may occur as a result of this exposure, is not covered under the warranty. All warranties have excluded this type of damage.



## SHUT-OFF VALVES

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- ◀ Your spa is equipped with shut-off valves (see equipment diagram on spa model page) that shut off the water flow to the equipment system for dealer service. At times, a new spa or one that has recently been serviced, may have the shut-off valves partially closed which can restrict the water flow and hinder jet performance. Be sure the valves are fully open.

## FREEZE PROTECTION

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When a freeze condition is detected (which occurs when the temperature in the heater housing drops to 40° F) the jet pump(s) is automatically activated.

In areas with extreme cold winter conditions, your spa should be fine as long as it is left running at normal operating temperatures. If you plan to turn the spa off, you must follow the instructions in this manual for winterizing your spa.



## OVERHEATING

In the case of extended hot weather, the spa water temperature may reach and maintain 104° F to 106° F. This is due to the ambient temperature and the full insulation in the spa cabinet. The simplest solution to this heat buildup is, lifting the spa cover a few inches for several hours to allow the heat to escape. You may also have the option of shortening the pump-run time. See Control panel section for available options.

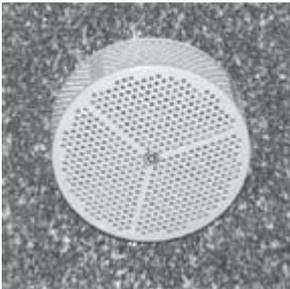
## FILTER CARTRIDGE

Your portable spa is equipped with the Constant Clean™ Filtration system.

**Oasis LS, Spirit LS, Mirage LS & Quest RS:** Features Vortex Filter that includes Hi-Flo Vortex skimmer and filament filter cartridge.

**Reward RS, Destiny RS, Reward CS, Destiny CS, Euphoria CS, Voyage CS and Voyage US:** Features two Vortex Filters which include Hi-Flo Vortex skimmers and filament filter cartridges.

**NOTE:** It is very important that the components of these filtration systems be installed properly in the proper part of the spa (see jetting diagram and REMOVING THE FILTER for complete instructions).



## ◀ SUCTION FITTINGS

There are suction fittings in the footwell of your spa. These are openings through which the jet-pumps draw water. They have been equipped with safety covers. Suction through the fittings can be strong. The safety covers must remain in place and undamaged. A fitting with a damaged cover can be dangerous, especially to small children or people with long hair. Should any part of the body become drawn to a fitting, turn the jet-pump off immediately. Long hair should be restrained in a bathing cap, never allow it to float freely in the spa. Replace any missing or damaged suction covering.

## OZONATOR INSTALLATION ON LEISURE AND RECREATIONAL SERIES

If your Leisure or Recreational Series spa was not originally equipped with an ozone generator and you would like to install one, refer to the following instructions and those supplied with the ozonator. NOTE: The only ozonator U.L. listed for your spa is the Marquis Spa Ozone Generator, available at your Marquis retailer, part OZU 120.

1. Turn off the power to the spa.
2. Open the equipment area door.
3. Plug the ozonator into the ozone receptacle on the spa control box.
4. Cut a 5" piece of the supplied 1/4" tubing and using silicone sealant, push one end onto the 1/4" barbed fitting on the ozonator.
5. Into the other end of this tube, insert the supplied check valve, being sure the direction of flow is away from the ozonator, not toward it.
6. Cut a long piece of tubing and make a loop approximately 8-10" in diameter, then push it onto the exposed end of the check valve.



# INSTALLATION INSTRUCTIONS

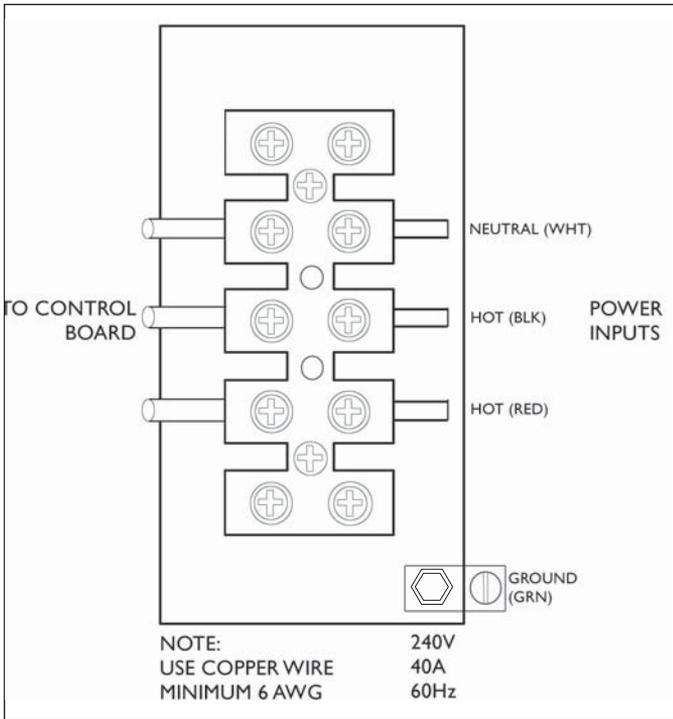
7. Remove the black plastic plug from the small white tubing suspended above the equipment (some water may drip from this fitting, have a towel handy). Replace this plug with the supplied 1/4" barbed fitting, using Teflon tape on the threads to make the proper seal.
8. Place the exposed tubing end on the 1/4" barb.
9. Properly ground the ozonator:
10. There is a labeled mounting block attached to the spa which shows the mounting position of ozonator:

**CAUTION: DO NOT PREDRILL SCREW HOLES.**

11. Turn on the power to the spa. You will see the ozonator's blue light turn on and bubbles come out of the single ozone jet in the spa with the primary pump on low-speed operation.
12. Close the equipment door:

## ELECTRICAL REQUIREMENTS

It is the responsibility of the spa owner to ensure that all electrical connections are made in accordance with all electric codes in effect at the time of installation.



### 240 Volt:

All connections must be made in accordance with the wiring diagram found on the inside of the control box cover. Connections should be made with copper conductors only – aluminum wiring should not be used with this system. All conductors, circuit breakers, and/or fuses must be sized in accordance to the Total Amperage Load as specified:

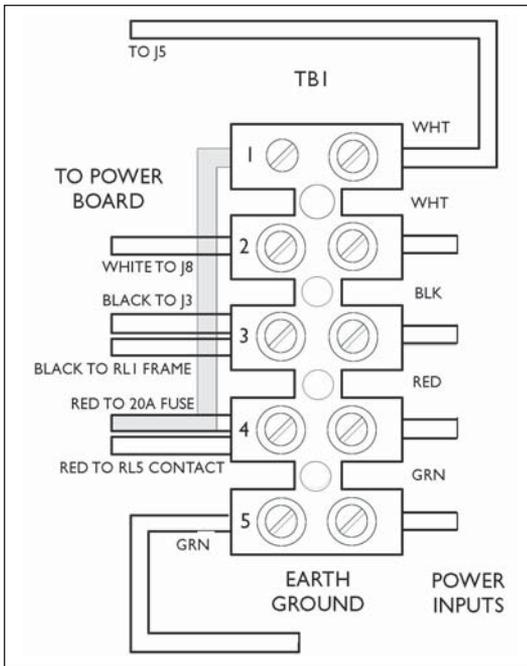
- Permanently connected
- Rated 240V, 60Hz, 40A, three wires plus ground (6 AWG copper)
- Minimum supply conductor ampacity: 50 amp based on 60°C ambient
- Fuse or Circuit Breaker Size: 50 amp



# INSTALLATION INSTRUCTIONS

This equipment is designed to operate on 60Hz Alternating Current only at a voltage of 240. Units to be operated at 240V must have all connections made by a qualified electrician in accordance with any electric codes in effect at the time of installation. All 240V units require a three wire plus ground (line 1, line 2, neutral, ground). Refer to the label at the terminal block.

A pressure wire connector is located on the exterior of the control box. If the installation includes a common bonding grid (reinforced concrete slab, ground plate beneath the spa, or any metal water pipe connection), this pressure wire connector should be bonded, with at least #8 AWG (8.42mm<sup>2</sup>, #6 in Canada) copper wire, to any metal ladder, water pipe, or other metal, within five feet of the spa.



## 120 Volt:

120V units must only be connected to a properly grounded, grounding type 15 amp receptacle. 120V equipment is designed to operate on 60Hz Alternating current only at a voltage of 120, 12.5 amp. maximum load.

## To Convert 120V to 240V

All connections must be made by a licensed electrician.

1. Disconnect from power and remove cord.
2. Move red wire (TB-1) to (TB-4) as indicated by gray area.
3. Move the Heater Mode selector (J23) on the Control Board from (20A) to (30A) position.



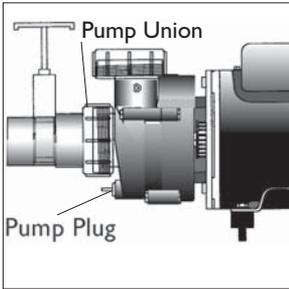
# STARTING YOUR SPA

## START-UP PROCEDURE

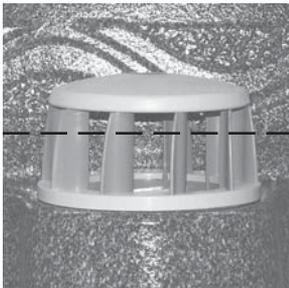
Your spa is equipped with solid state preprogrammed Comfort Controls specific to your spa model. Please see the CONTROLS section listed under your particular spa series model.

To start your spa, you will need a spa chemical test kit and an underwater thermometer. It is important to follow each of these steps when starting your spa.

### Leisure and Recreational Series Models Start-up:



1. Place spa on a hard, flat, level surface. Make sure the power supply is off.
2. Make sure that the suction fittings in the footwell are in place and undamaged.
3. Open the equipment door: Screw the pump plug (supplied in packet) into the face of the pump. Close the drain valve and screw the drain valve cap on tightly. Tighten all disconnects and open all shut-off valves. On models equipped with AWP external drain, close valve by turning outer ring clockwise. Be sure center plug is in place and tighten.



4. Fill the spa with water to two-thirds of the way up the Vortex skimmer opening(s).
5. Turn the power on and wait five seconds.
6. At this time the spa should have water flowing from the jets. If the pump has not primed and water is not flowing from the jets after two minutes **TURN OFF POWER TO THE SPA** and vent air from the pumps by slightly opening the pump union. (See TROUBLE SHOOTING section, Water Flow.)

7. Your spa water temperature is preset at 100° F. Use the TEMP SET pad on the bather's control panel to set the water temperature to the desired level.
8. **SHOCK SANITIZE** the water and test the water chemistry following the instructions in your chemical test kit.
9. Place the cover on the spa. It will take 12 to 24 hours for the water to heat to set temperature.
10. Check the water temperature and adjust the setting if necessary. Normal use is between 98° and 102° F.

### Coastal and Ultimate Series Models Start-up:

- Follow steps one through three of Leisure and Recreational Series Models Start-up.
4. Check to make sure the freeze line is properly connected.
- Follow steps five through ten of Leisure and Recreational Series Models Start-up.



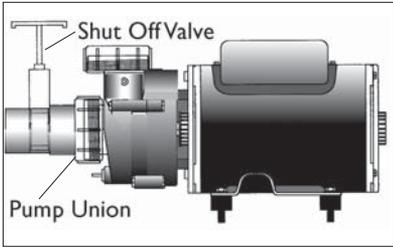
# OPERATING YOUR SPA

## Therapy Pump(s)

Allow the spa to circulate on high-speed (see instructions for spa side controls) for 4-5 minutes to discharge air from the plumbing system. Do not expect hot water immediately from the jets; the heater will take several hours to heat the water.

### Pr Diagnostic Message

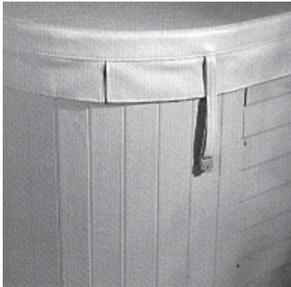
**NOTE:** Coastal and Ultimate Series spas have a "pump priming" feature which begins at start-up. When the spa is energized, the LCD panel will display a "Pr" message. This mode will last approximately four to five minutes if not exited manually. To exit manually, press the TEMP SET pad. At this time the spa should have water flowing from the jets. If the pump has not primed and water is not flowing from the jets after two minutes, **TURN OFF POWER TO THE SPA.** Vent air from the pumps by slightly opening the pump unions (see TROUBLESHOOTING section, Water Flow). After turning the power on again, the spa will initiate a new priming mode. Repeat steps above.



After you have manually exited the priming mode (or you allowed the spa to automatically exit) the LCD display will momentarily display 100° F and then the display will switch to - -° F. The system requires approximately one minute of water flow to determine the water temperature. After one minute of water flow, the temperature will be displayed as 65° F. Press the TEMP SET pad to adjust the desired set temperature for the spa.

**NOTE:** Your spa has been filled and test-run at the factory. The first time your spa is filled with water, some discoloration from residual test water may appear. This will disappear when the spa is completely filled and the filtration system is functioning. Test the water for the proper chemical balance and adjust as necessary. **PROPER CHEMICAL BALANCE IS IMPORTANT.**

## Safety Energy Cover



When the spa is not in use, the safety energy cover should be kept on the spa to retain the water's heat and to keep out dirt, leaves, etc. Your heater will maintain a constant water temperature between spa uses.

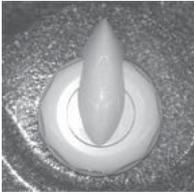
For your safety and convenience, the cover is equipped with safety locks. Marquis suggests that you use them to help keep out unintended users and prevent covers from being blown off in high wind conditions. For *Secure Straps*, see your Marquis Dealer.



## MAXIMUM THERAPY JETTING SYSTEM

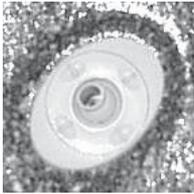
### JET SELECTOR VALVE

- The large, gray teardrop Jet Selector lever allows you to
- ◀ redirect the water flow to different jet zones. (See ZONED JETTING for specific options.)



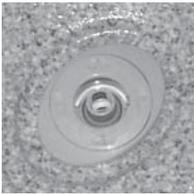
### CASCADE NECK JETS

Your spa may be equipped with a Therapy Seat(s) featuring especially high Cascade Neck Jets. These jets are turned on and off (when the jet pump is on) using the small teardrop Neck Jet Control lever.



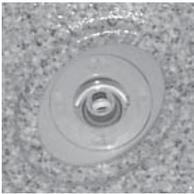
### ISO BOOST JET

- Small directional jets are strategically located to complement
- ◀ the larger jets. Simply moving the nozzle redirects the water for ideal massage. The water flow can be adjusted by using the four tabs on the face of the jet to turn it.



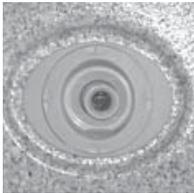
### POWER BOOST JET

- The direction of water flow can be changed by redirecting the central nozzle. The water flow can be adjusted by using the four
- ◀ tabs on the face of the jet to turn it.



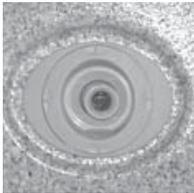
### POWER SWIRL JET

Large, rotating jets provide a firm, broad area of circular massage action. The water flow can be adjusted by using the four tabs on the face of the jet to turn it.



### CYCLO SWIRL JET

This large, versatile jet can flow straight or can be made to rotate by pushing the nozzle to the side (push in the direction indicated by the point of its teardrop shape). The water flow can be adjusted by using the four tabs on the face of the jet to turn it.



### CYCLO BOOST JET

- ◀ This large, versatile jet flows in a straight stream. The water flow can be adjusted by using the four tabs on the face of the jet to turn it.



### WHIRLPOOL JET

- ◀ Unique Whirlpool Jets are strategically positioned around the perimeter of the spa to produce a true whirlpool flow of water. This action provides a passive, whole body massage.



### GEYSER JET

This high-flow jet is perfect for intense foot and leg massage.

Many jets are interchangeable. See your Marquis Dealer for additional jets through Marquis Essentials™.

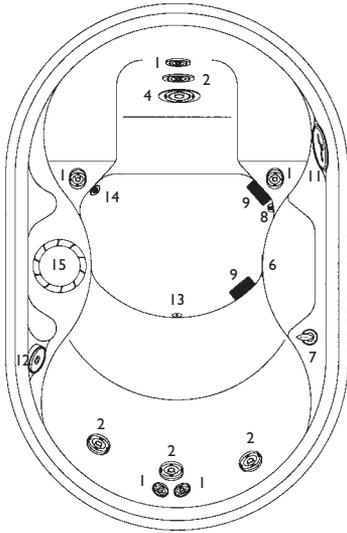


# SPA SPECIFICATIONS

Spa Model & Series	Spa Dimensions	Electrical Required	Weight Dry/Full	Therapy Pump(s)	Water Capacity
<b>Oasis Leisure Series</b>	54"x84" 29"H 28" Deep	120V/15 amp 240V/30 or 50 amp	340/ 1424 lbs.	1 dual-speed 48 frame, optional 56 frame/240V	130 gallons
<b>Spirit Leisure Series</b>	60"x84" 29"H 28" Deep	120V/15 amp 240V/30 or 50 amp	410/ 1786 lbs.	1 dual-speed 48 frame, optional 56 frame/240V	165 gallons
<b>Mirage Leisure Series</b>	78"x78" 31"H 30" Deep	120V/15 amp 240V/30 or 50 amp	475/ 2226 lbs.	1 dual-speed 48 frame, optional 56 frame/240V	210 gallons
<b>Quest Recreational Series</b>	78"x84" 33"H 32" Deep	240V 30 or 50 amp	590/ 2240 lbs.	1 dual-speed 56 frame	220 gallons
<b>Destiny Recreational Series</b>	84"x84" 35.5"H 34" Deep	240V 30 or 50 amp	660/ 3162 lbs.	1 dual-speed 56 frame	300 gallons
<b>Reward Recreational Series</b>	84"x84" 35.5"H 34" Deep	240V 30 or 50 amp	680/ 3348 lbs.	1 dual-speed 56 frame	320 gallons
<b>Destiny Coastal Series</b>	84"x84" 35.5"H 34" Deep	240V 30 or 50 amp	690/ 3192 lbs.	2 dual-speed 56 frame	300 gallons
<b>Reward Coastal Series</b>	84"x84" 35.5"H 34" Deep	240V 30 or 50 amp	720/ 3388 lbs.	2 dual-speed 56 frame	320 gallons
<b>Euphoria Coastal Series</b>	90"x90" 35.5"H 34" Deep	240V 30 or 50 amp	800/ 4302 lbs.	2 dual-speed 56 frame	420 gallons
<b>Voyage Coastal Series</b>	90"x90" 35.5"H 34" Deep	240V 30 or 50 amp	810/ 4312 lbs.	2 dual-speed 56 frame	425 gallons
<b>Voyage Ultimate Series</b>	90"x90" 35.5"H 34" Deep	240V 30 or 50 amp	850/ 4352 lbs.	3 dual-speed 56 frame	425 gallons



# OASIS LEISURE SERIES



### Component Identification Qty.

1	Iso Boost Jet	5
2	Power Boost Jet	4
5	Cyclo Swirl Jet	1
6	Light	1
7	Air Control Valve	1
8	Heat Sensor	1
9	Suction Fitting	2
12	Bather's Control Panel	1
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canister	1

### Physical Specifications

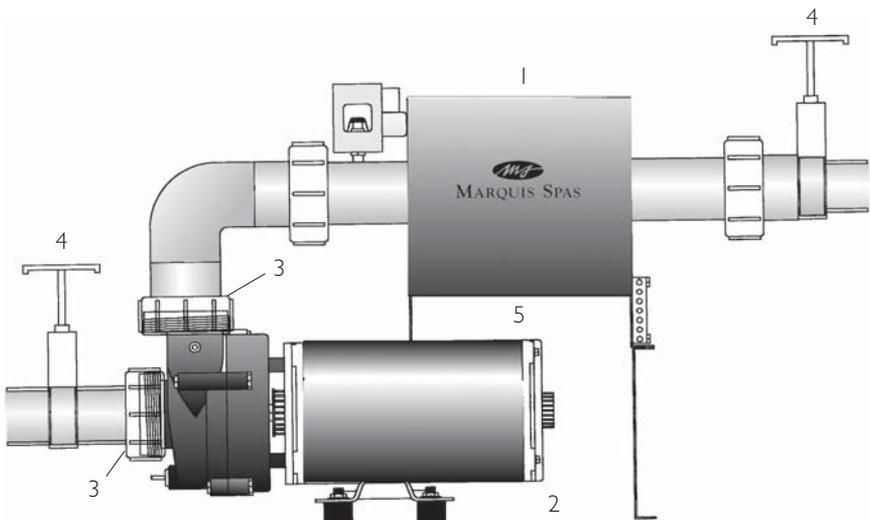
Dimensions	54" x 84"
Height	29"
Depth	28"
Seating Positions	3
Weight Dry Lbs.	340
Weight Full Lbs.	1424
Water Capacity	130 gallons
Total Therapy Jets	10

### Maximum Therapy System Qty.

1	Control Box	1
2	Pump	1
3	Pump Unions	2
4	Shut Off Valves	2
5	Heater	1

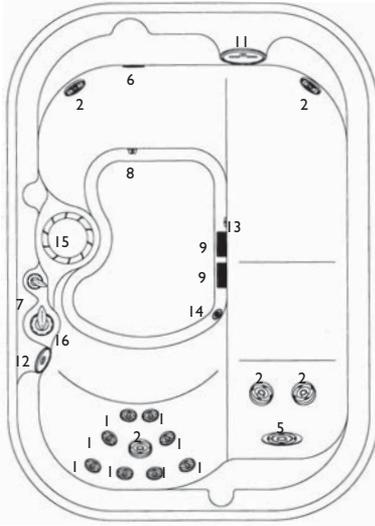
### Leisure Series Upgrade:

240V, 56 frame pump, 4kW heater





# SPIRIT LEISURE SERIES



### Component Identification Qty.

1	Iso Boost Jet	8
2	Power Boost Jet	5
5	Cyclo Swirl Jet	1
6	Light	1
7	Air Control Valve	1
8	Heat Sensor	1
9	Suction Fitting	2
11	Bather's Panel	1
12	Auxiliary Control Panel	1
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canister	1
16	Jet Selector Valve	1

### Physical Specifications

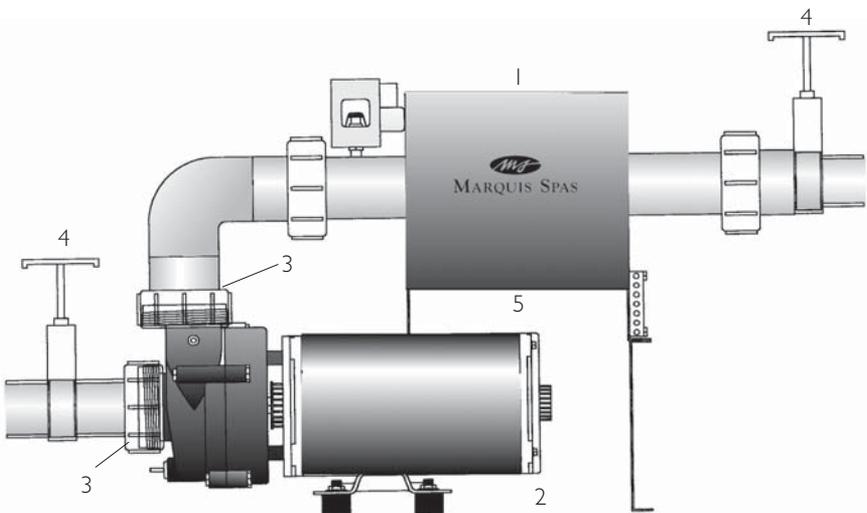
Dimensions	60" x 84"
Height	29"
Depth	28"
Seating Positions	4
Weight Dry Lbs.	410
Weight Full Lbs.	1786
Water Capacity	165 gallons
Total Therapy Jets	14

### Maximum Therapy System Qty.

1	Control Box	1
2	Pump	1
3	Pump Unions	2
4	Shut Off Valves	2
5	Heater	1

### Leisure Series Upgrade:

240V, 56 frame pump, 4kW heater





# MIRAGE LEISURE SERIES



### Component Identification Qty.

1	Iso Boost Jet	9
2	Power Boost Jet	4
4	Cyclo Boost Jet	1
5	Cyclo Swirl Jet	1
6	Light	1
7	Air Control Valve	1
8	Heat Sensor	1
9	Suction Fittings	2
11	Bather's Panel	1
12	Auxiliary Control Panel	1
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canister	1
16	Jet Selector Valve	1

### Physical Specifications

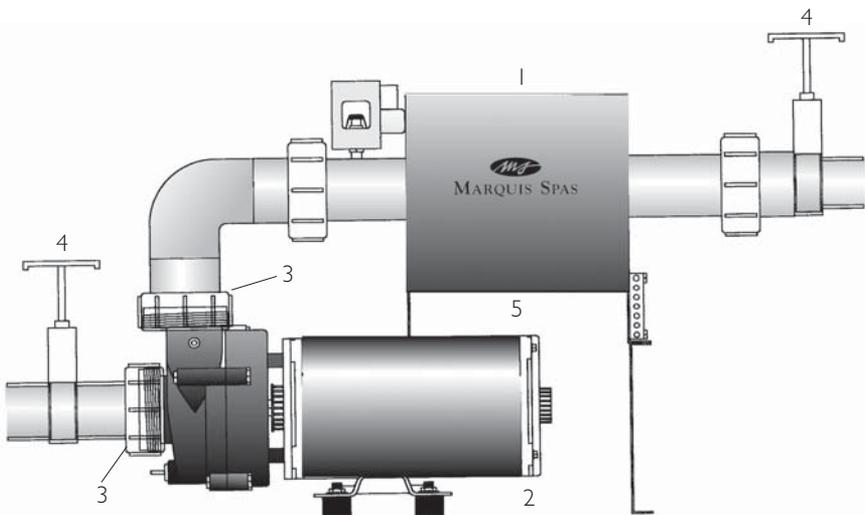
Dimensions	78" x 78"
Height	31"
Depth	30"
Seating Positions	6
Weight Dry Lbs.	475
Weight Full Lbs.	2226
Water Capacity	210 gallons
Total Therapy Jets	15

### Maximum Therapy System Qty.

1	Control Box	1
2	Pump	1
3	Pump Unions	2
4	Shut Off Valves	2
5	Heater	1

### Leisure Series Upgrade:

240V, 56 frame pump, 4kW heater





# LEISURE SERIES CONTROLS

**Soak Timer:** 1st press turns pump to low-speed and starts 59-minute timer; 2nd press "all quiet" mode.

**Heat On:** Illuminates when heat is on



**Temp Set:** Actual temperature displayed on LCD; Press repeatedly to increase temperature; Pause; Repeat to decrease temperature

**LCD Display:** Shows temperature, Maintenance Reminders

**Light On/Off:** 1st press turns underwater light on; 2nd press turns it off

**Zone 1 Jets:** 1st press low-speed; 2nd press high-speed; 3rd press off

## Oasis, Spirit & Mirage Spa Models (120V and 240V Upgrade)

### UNDERWATER LIGHT

The pad marked LIGHT ON/OFF turns the light on and off. The low-voltage system produces a night light for evening use and makes entering and exiting the spa safer. After being on for one hour, the light will automatically turn off.

### ZONE 1 JETS

Press the ZONE 1 JETS pad to turn the jet pump on low-speed. Press the pad again to turn the pump to high-speed. Pressing the pad again turns the pump off. After running on low-speed for 15 minutes the pump will automatically turn off. After running on high-speed for 10 minutes the pump will automatically switch to low-speed for five minutes and will then turn off.

### CONSTANT CLEAN™ FILTRATION WITH SMART LOGIC

#### Constant Clean™ Filtration

Your spa is automatically preset to filter itself using the jet pump on low-speed for three hours twice in a 24 hour period. The first filter cycle will begin one minute after the spa is energized. The second filter cycle will begin 12 hours after the first cycle. See PROGRAM FILTER to adjust cycles.

#### Smart Logic

This feature ensures that the spa water will be properly filtered after each spa use. 30 minutes after the spa light or jet pump has been deactivated, the pump runs on high-speed for five minutes, then on low-speed to filter the water for four hours.

#### Heat Demand Operation

In addition to those situations mentioned above, the pump will circulate on low-speed whenever the thermostat calls for heat.

### OPTIONAL SOLID-STATE OZONATOR

If you have elected to add the optional Solid-state Ozonator to your spa, it will function during all filter cycles. It will be disabled for one hour whenever a pump or light pad is pressed. At the conclusion of the hour, the low-speed pump and ozonator will run for four hours.



## PROGRAMMABLE FILTER TIMES

---

**F1: 45 minutes**

**F2: 2 hours**

**F4: 4 hours**

**F6: 6 hours**

- To adjust the filter time: First press the TEMP SET pad, then press the ZONE 1 JETS.
- Press TEMP SET pad again to scroll through the filtration options as shown above (F1, F2, F4, or F6).
- When you have selected the time you want, press the ZONE 1 JETS pad to enter. The display will then show either 1C or 2C for 1 Cycle or 2 Cycles per 24 hour period.
- Press TEMP SET pad to adjust for the frequency you want and then ZONE 1 JETS pad to enter the selection and exit the programming mode.

**NOTE:** In event of a power outage, all settings will revert to the preset, default settings.

## TEMPERATURE DISPLAY AND ADJUSTMENT

---

The LCD window displays the actual water temperature. Pressing the TEMP SET pad will make the numbers flash, then pressing the pad again (repeatedly) will increase the set temperature one degree at a time, up to 104° F. After a short pause, the actual temperature will again be displayed. Repeating the above procedure will allow you to decrease the set temperature.

## SOAK TIMER AND SOAK FEATURE

---

Pressing the SOAKTIMER pad will turn the jet pump to low-speed and start a 59-minute timer. The timer will display the elapsed time in one-minute increments (1-14). After 15 minutes, the display will flash the minute (15-59) for ten seconds before switching to a steady display as a safety reminder to not overstay your soak. During the Soak Timer mode, the temperature display can be checked by pressing the TEMP SET pad.

A second press of the SOAKTIMER pad will turn off all functions (except light) for an all-quiet soak. Pressing any pad will cancel the Soak mode.

## HEAT LIGHT

---

The HEAT ON light will illuminate when the heater is on.

## LCD DIAGNOSTIC MESSAGES

---

The advanced technology built into the spa allows it to perform a number of self-diagnostic system checks and it can display a variety of messages on the LCD panel. See TROUBLESHOOTING section for descriptions.

## MAINTENANCE REMINDERS

---

Maintenance Reminders help remind you of routine maintenance procedures.

**CL:** Will appear every 30 days to remind you to clean the filter.\*

**CH:** Will appear every 90 days to remind you to change the spa water.\*

\***NOTE:** In event of a power outage, all settings will revert to the preset, default settings.

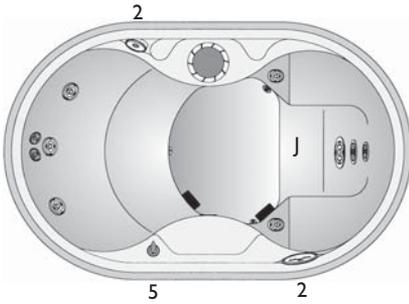
## REMOTE CONTROL

---

Optional Remote Control operates exactly the same as the Leisure Series Control.



# OASIS LS ZONED JETTING



## ZONE 1 JETS

All jets. To activate Therapy Seat (J) jets, press ZONE 1 JETS pad (2) on either panel to turn pump on low-speed. Press either ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve by turning the lever counterclockwise.

## ZONED JETTING

Spas are divided into different jetting zones. The shaded area of the spa illustration indicates the jets ON in each particular zone. The white area indicates jets OFF.

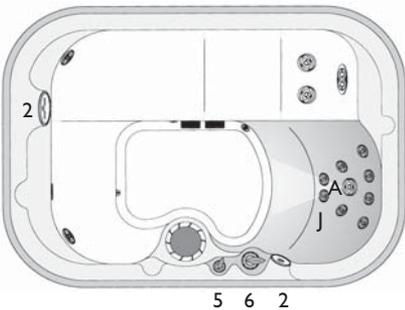
For clarity, a compass is used as a directional tool.



Most jets are adjustable for flow. Many are also adjustable for direction. See OPERATING THE SPA section for explanations.

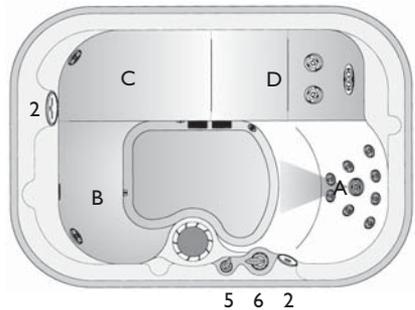


# SPIRIT LS ZONED JETTING



## ZONE 1 JETS

Therapy Seat jets (J) except center jet (A). To activate jets: Turn the Jet Selector Valve (6) to the east. Press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve by turning the lever counterclockwise.



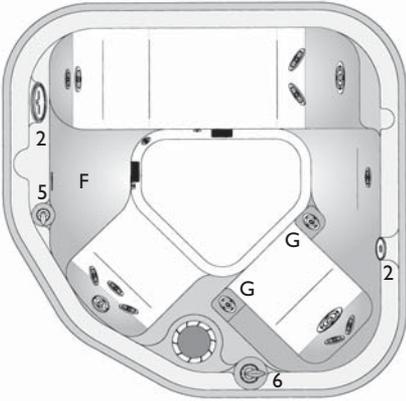
## ZONE 2 JETS

All jets in seats (B, C, D) plus jet (A). To activate jets: Turn the Jet Selector Valve (6) to the west. Press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve by turning the lever counterclockwise.





# MIRAGE LS ZONED JETTING



## ZONE 1 JETS



All the upper level jets (F) and Wrist Jets (G). Turn the Jet Selector Valve (6) to the east. Press ZONE 1 JETS pad (2) on either panel to turn pump on low-speed. Press either ZONE 1 JETS pad (2) again to turn pump on high-speed.

Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve by turning the lever counterclockwise.



## ZONE 2 JETS



All the lower level jets (H). Turn the Jet Selector Valve (6) to the west. Press ZONE 1 JETS pad (2) on either panel to turn pump on low-speed. Press either ZONE 1 JETS pad (2) again to turn pump on high-speed.

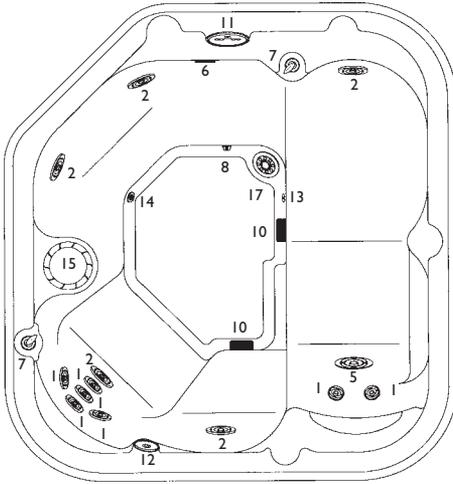
Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve by turning the lever counterclockwise.

Shaded areas: Jets On. White areas: Jets Off.  
A compass is used as a directional tool.





# QUEST RECREATIONAL SERIES



### Component Identification Qty.

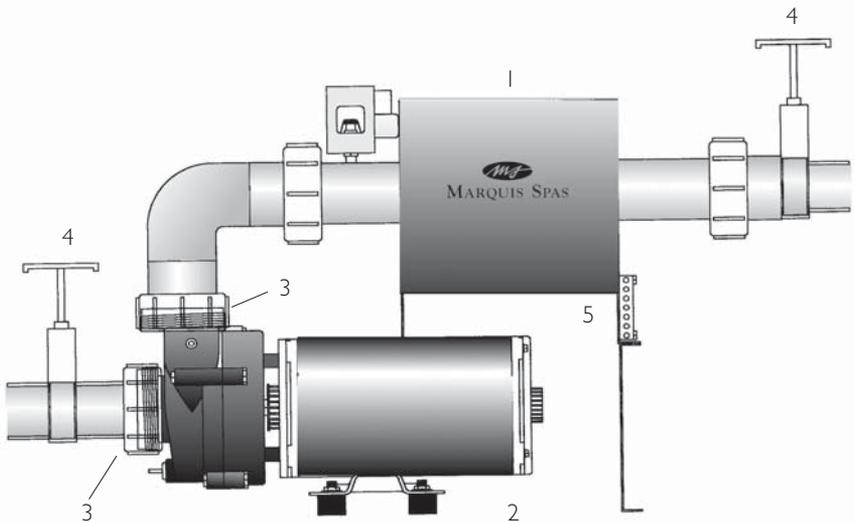
1	Iso Boost Jet	7
2	Power Boost Jet	5
3	Power Swirl Jet	1
5	Cyclo Swirl Jet	1
6	Light	1
7	Air Control Valves	2
8	Heat Sensor	1
10	Suction Fitting	2
11	Bather's Panel	1
12	Auxiliary Control Panel	1
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canister	1
16	Jet Selector Valve	1
17	Geyser Jet	1

### Physical Specifications

Dimensions	78" x 84"
Height	33"
Depth	32"
Seating Positions	6
Weight Dry Lbs.	590
Weight Full Lbs.	2240
Water Capacity	220 gallons
Total Therapy Jets	14

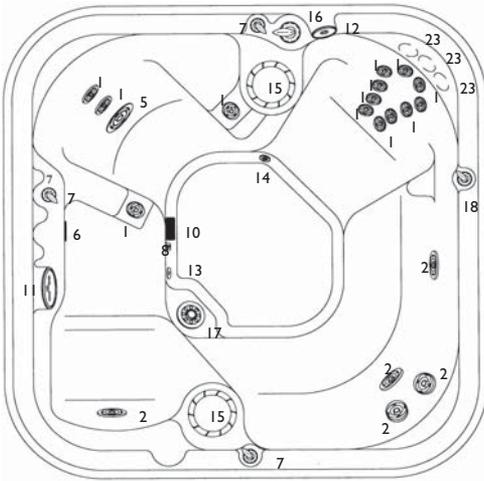
### Maximum Therapy System Qty.

1	Control Box	1
2	Pump	1
3	Pump Unions	2
4	Shut Off Valves	2
5	Heater	1





# DESTINY RECREATIONAL SERIES



## Component Identification Qty.

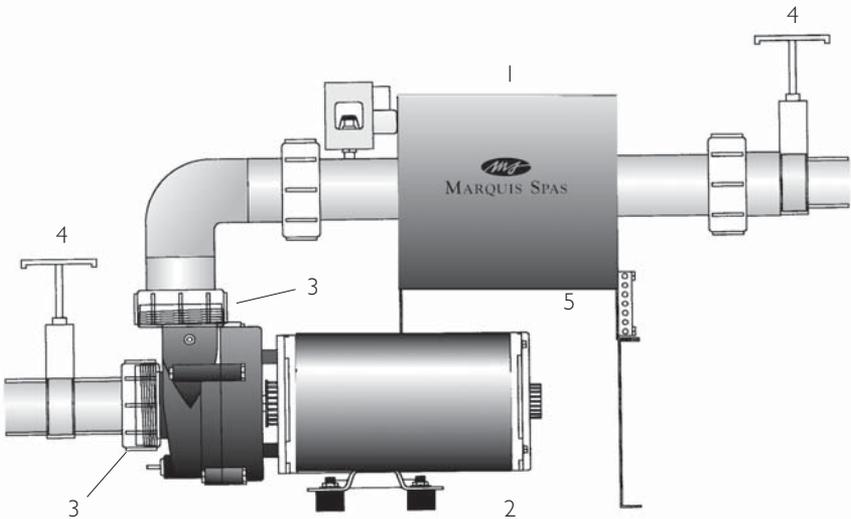
1	Iso Boost Jet	14
2	Power Boost Jet	5
5	Cyclo Swirl Jet	1
6	Light	1
7	Air Control Valves	3
8	Heat Sensor	1
10	Suction Fitting	1
11	Bather's Panel	1
12	Auxiliary Control Panel	1
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canisters	2
16	Jet Selector Valve	1
17	Geyser Jet	1
18	Neck Jet Selector Valve	1
23	Cascade Neck Jets	3

## Physical Specifications

Dimensions	84" x 84"
Height	35.5"
Depth	34"
Seating Positions	6
Weight Dry Lbs.	660
Weight Full Lbs.	3162
Water Capacity	300 gallons
Total Therapy Jets	24

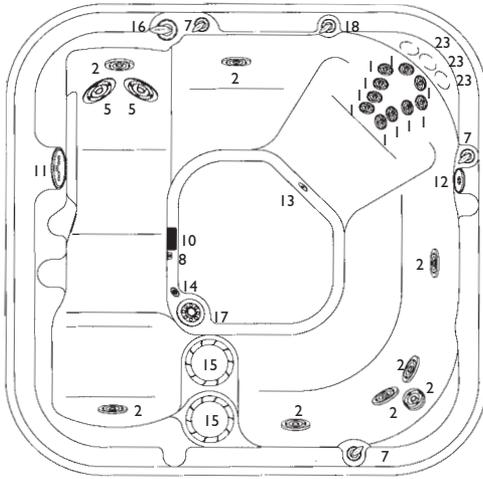
## Maximum Therapy System Qty.

1	Control Box	1
2	Pump	1
3	Pump Unions	2
4	Shut Off Valves	2
5	Heater	1





# REWARD RECREATIONAL SERIES



## Component Identification Qty.

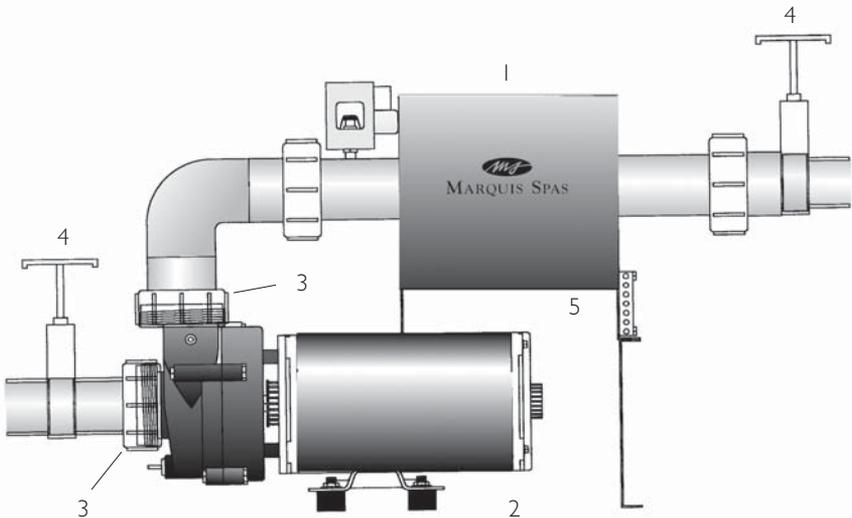
1	Iso Boost Jet	10
2	Power Boost Jet	8
5	Cyclo Swirl Jet	2
6	Light	1
7	Air Control Valves	3
8	Heat Sensor	1
10	Suction Fitting	2
11	Bather's Panel	1
12	Auxiliary Control Panel	1
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canister	2
16	Jet Selector Valve	1
17	Geyser Jet	1
18	Neck Jet Selector Valve	1
23	Cascade Neck Jets	3

## Physical Specifications

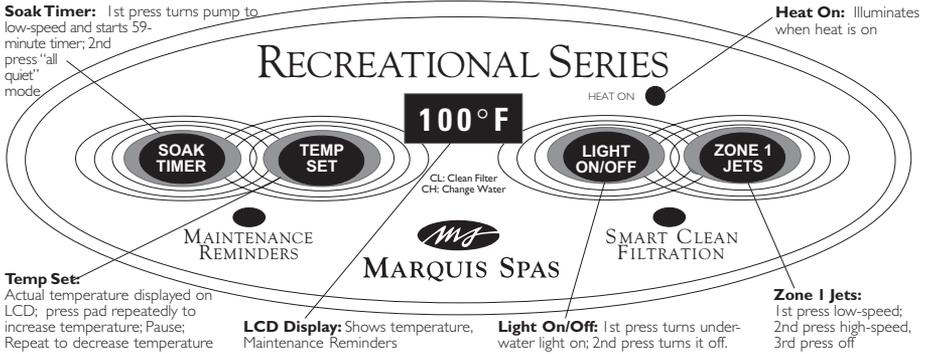
Dimensions	84" x 84"
Height	35.5"
Depth	34"
Seating Positions	7
Weight Dry Lbs.	680
Weight Full Lbs.	3348
Water Capacity	320 gallons
Total Therapy Jets	24

## Maximum Therapy System Qty.

1	Control Box	1
2	Pump	1
3	Pump Unions	2
4	Shut Off Valves	2
5	Heater	1



# MARQUIS RECREATIONAL SERIES CONTROLS



## Quest RS, Destiny RS, and Reward RS Spa Models

### UNDERWATER LIGHT

The pad marked LIGHT ON/OFF turns the light on and off. The low-voltage system produces a night light for evening use and makes entering and exiting the spa safer. After being on for one hour, the light will automatically turn off.

### ENTRYWAY LIGHT ON AWP

The Entryway Light on the All Weather Package operates the same as the Underwater Light by use of the LIGHT ON/OFF pad.

### ZONE 1 JETS

Press the ZONE 1 JETS pad to turn the jet pump on low-speed. Press the pad again to turn the pump to high-speed. Pressing the pad again turns the pump off. After running on low-speed for 15 minutes the pump will automatically turn off. After running on high-speed for 10 minutes the pump will automatically switch to low-speed for five minutes and will then turn off.

### CONSTANT CLEAN™ FILTRATION WITH SMART LOGIC

#### Constant Clean™ Filtration

Your spa is automatically preset to filter itself using the jet pump on low-speed for three hours twice in a 24 hour period. The first filter cycle will begin one minute after the spa is energized. The second filter cycle will begin 12 hours after the first cycle. See PROGRAM FILTER to adjust cycles.

#### Smart Logic

This feature ensures that the spa water will be properly filtered after each spa use. 30 minutes after the spa light or jet pump has been deactivated, the pump runs on high-speed for five minutes, then on low-speed to filter the water for four hours.

#### Heat Demand Operation

In addition to those situations mentioned above, the pump will circulate on low-speed whenever the thermostat calls for heat.

### OPTIONAL SOLID-STATE OZONATOR

If you have elected to add the optional Solid-state Ozonator to your spa, it will function during all filter cycles. It will be disabled for one hour whenever a pump or light pad is pressed. At the conclusion of the hour, the low-speed pump and ozonator will run for four hours.

## PROGRAMMABLE FILTER TIMES

---

**F1: 45 minutes**

**F2: 2 hours**

**F4: 4 hours**

**F6: 6 hours**

- To adjust the filter time: First press the TEMP SET pad, then press the ZONE 1 JETS.
- Press TEMP SET pad again to scroll through the filtration options as shown above (F1, F2, F4, or F6).
- When you have selected the time you want, press the ZONE 1 JETS pad to enter. The display will then show either 1C or 2C for 1 Cycle or 2 Cycles per 24 hour period.
- Press TEMP SET pad to adjust for the frequency you want and then ZONE 1 JETS pad to enter the selection and exit the programming mode.

**NOTE:** In event of a power outage, all settings will revert to the preset, default settings.

## TEMPERATURE DISPLAY AND ADJUSTMENT

---

The LCD window displays the actual water temperature. Pressing the TEMP SET pad will make the numbers flash, then pressing the pad again (repeatedly) will increase the set temperature one degree at a time, up to 104° F. After a short pause, the actual temperature will again be displayed. Repeating the above procedure will allow you to decrease the set temperature.

## SOAK TIMER AND SOAK FEATURE

---

Pressing the SOAKTIMER pad will turn the jet pump to low-speed and start a 59-minute timer. The timer will display the elapsed time in one-minute increments (1-14). After 15 minutes, the display will flash the minute (15-59) for ten seconds before switching to a steady display as a safety reminder to not overstay your soak. During the Soak Timer mode, the temperature display can be checked by pressing the TEMP SET pad.

A second press of the SOAKTIMER pad will turn off all functions (except light) for an all-quiet soak. Pressing any pad will cancel the Soak mode.

## HEAT LIGHT

---

The HEAT ON light will illuminate when the heater is on.

## LCD DIAGNOSTIC MESSAGES

---

The advanced technology built into the spa allows it to perform a number of self-diagnostic system checks and it can display a variety of messages on the LCD panel. See TROUBLESHOOTING section for descriptions.

## MAINTENANCE REMINDERS

---

Maintenance Reminders help remind you of routine maintenance procedures.

**CL:** Will appear every 30 days to remind you to clean the filter.\*

**CH:** Will appear every 90 days to remind you to change the spa water.\*

\***NOTE:** In event of a power outage, all settings will revert to the preset, default settings.

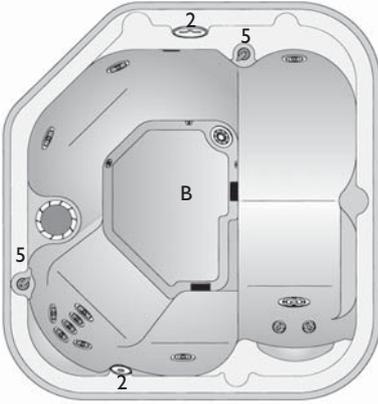
## REMOTE CONTROL

---

Optional Remote Control operates exactly the same as the Recreational Series Control.



# QUEST RS ZONED JETTING



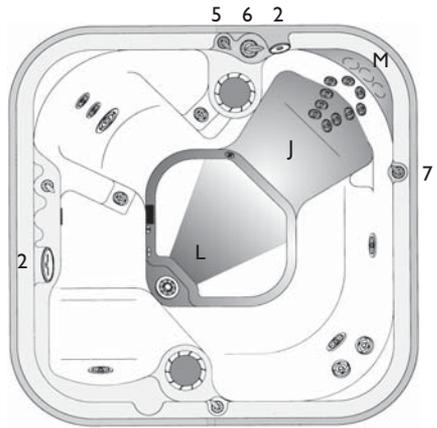
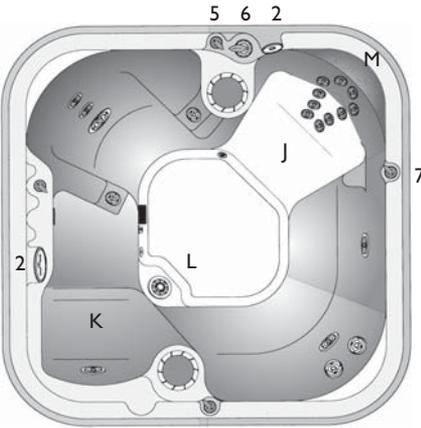
## ZONE 1 JETS

All jets (B). To activate all jets press the ZONE 1 JETS pad (2) on either panel to turn pump on low-speed. Press ZONE 1 JETS pad (2) on either panel again to turn pump on high-speed. Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve by turning the lever counterclockwise.

Shaded area: Jets On. White area: Jets Off. A compass is used as a directional tool.



# DESTINY RS ZONED JETTING



## ZONE 1A JETS

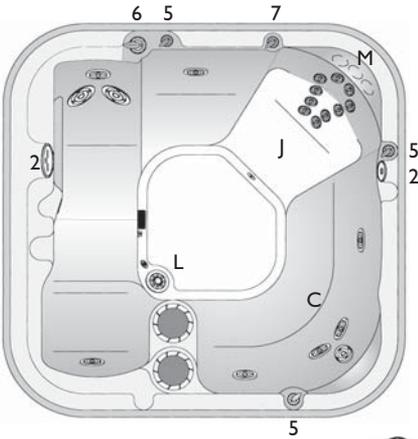


All the upper and lower level jets (K) except for lower Therapy Seat (J) and Geyser Jet (L). Turn the Jet Selector Valve (6) to the west. Press ZONE 1 JETS pad (2) on either panel to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).

## ZONE 1B JETS



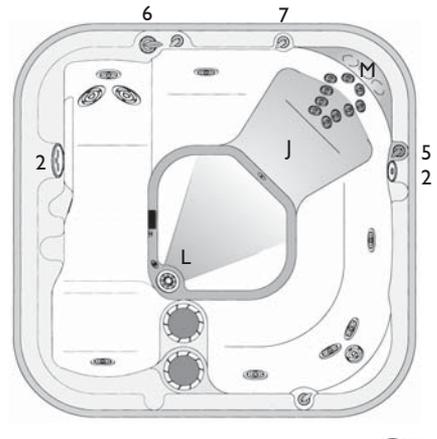
All the lower level jets in the Therapy Seat (J) and Geyser Jet (L). Turn the Jet Selector Valve (6) to the east. Press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed. Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



**ZONE 1A JETS**

All the upper and lower level jets (C) except for lower Therapy Seat (J) and Geyser Jet (L). Turn the Jet Selector Valve (6) to the west. Press ZONE 1 JETS pad (2) on either panel to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed.

Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counter-clockwise. Cascade Neck Jets (M) are independent of the other jets in the Therapy Seat (J). Control their pressure by turning the Neck Jet Valve (7).



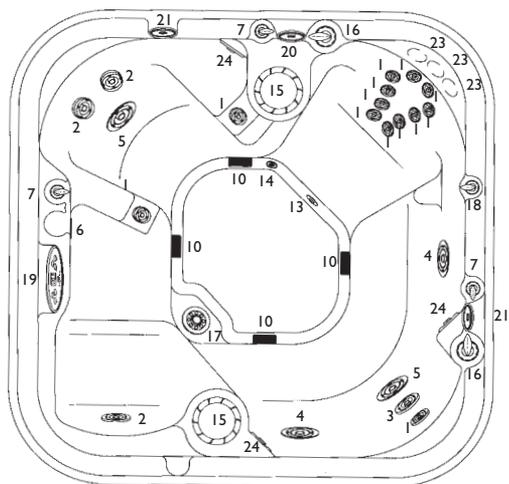
**ZONE 1B JETS**

All the lower level jets in Therapy Seat (J), Geyser Jet (L) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the east. Press ZONE 1 JETS (2) pad on either panel to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed.

Adjust the jet pressure with the Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counter-clockwise. Cascade Neck Jets (M) are independent of the other jets in the Therapy Seat (J). Control their pressure by turning the Neck Jet Valve (7).

Shaded area: Jets On. White area: Jets Off. A compass is used as a directional tool.





**Component Identification Qty.**

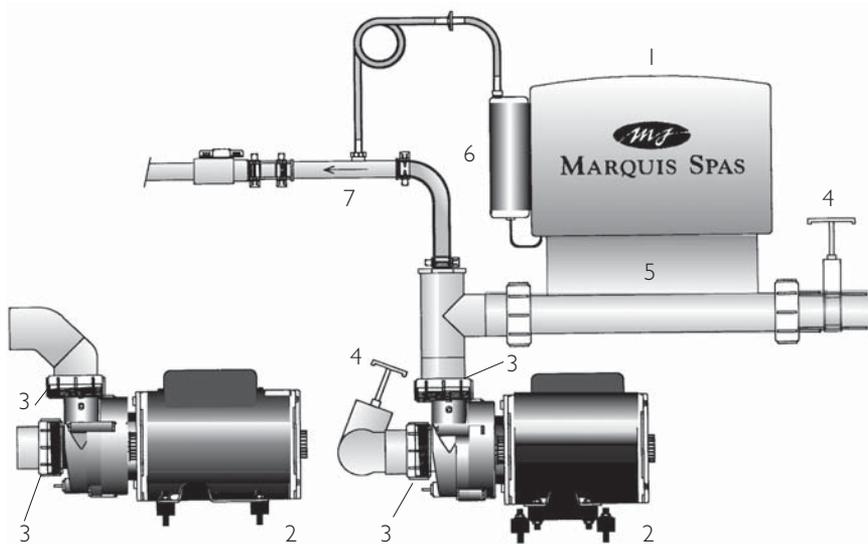
1	Iso Boost Jet	13
2	Power Boost Jet	3
3	Power Swirl Jet	1
4	Cyclo Boost Jet	2
5	Cyclo Swirl Jet	2
6	Light	1
7	Air Control Valve	3
8	Heat Sensor	1
10	Suction Fittings	4
11	Auxiliary Control Panel	1
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canisters	2
16	Jet Selector Valves	2
17	Geyser Jet	1
18	Cascade Neck Jet Valve	1
19	Bather's Control Panel	1
20	Auxiliary Control Panel	1
21	Auxiliary Control Panel	2
23	Cascade Neck Jets	3
24	Whirlpool Jets	3

**Physical Specifications**

Dimensions	84" x 84"
Height	35.5"
Depth	34"
Seating Positions	6
Weight Dry Lbs.	690
Weight Full Lbs.	3192
Water Capacity	300 gallons
Total Therapy Jets	28

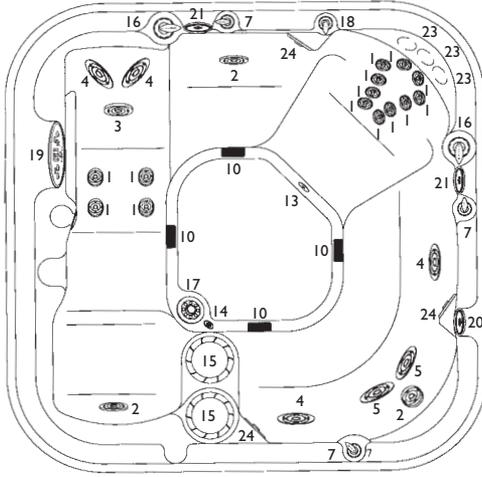
**Maximum Therapy System Qty.**

1	Control Box	1
2	Pumps	2
3	Pump Unions	4
4	Shut Off Valves	2
5	Heater	1
6	Ozonator	1
7	Mazzei Injector	1





# REWARD COASTAL SERIES



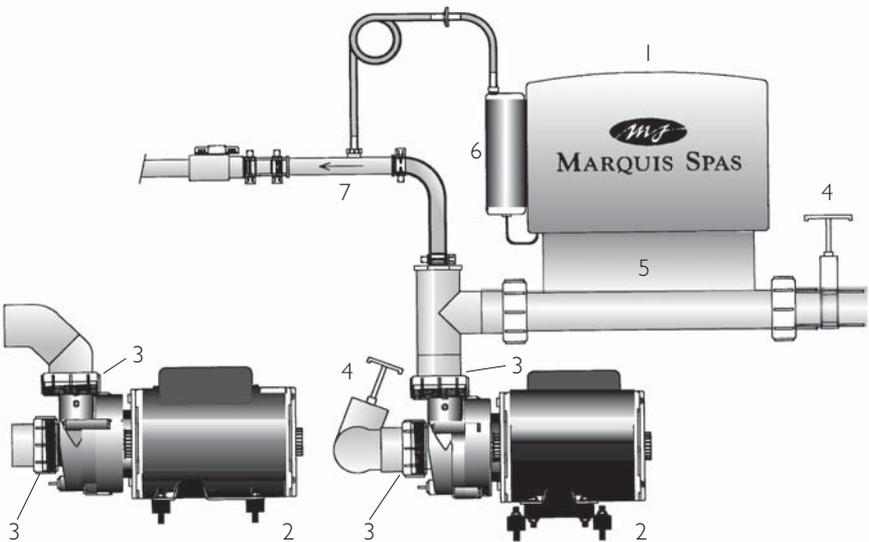
Component Identification	Qty.	
1	Iso Boost Jet	14
2	Power Boost Jet	3
3	Power Swirl Jet	1
4	Cyclo Boost Jet	4
5	Cyclo Swirl Jet	2
6	Light	1
7	Air Control Valves	3
8	Heat Sensor	1
10	Suction Fittings	4
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canisters	2
16	Jet Selector Valves	2
17	Geyser Jet	1
18	Neck Jet Selector Valve	1
19	Bather's Control Panel	1
20	Auxiliary Control Panel	1
21	Auxiliary Control Panel	2
23	Cascade Neck Jets	3
24	Whirlpool Jets	3

## Physical Specifications

Dimensions	84" x 84"
Height	35.5"
Depth	34"
Seating Positions	7
Weight Dry Lbs.	720
Weight Full Lbs.	3388
Water Capacity	320 gallons
Total Therapy Jets	31

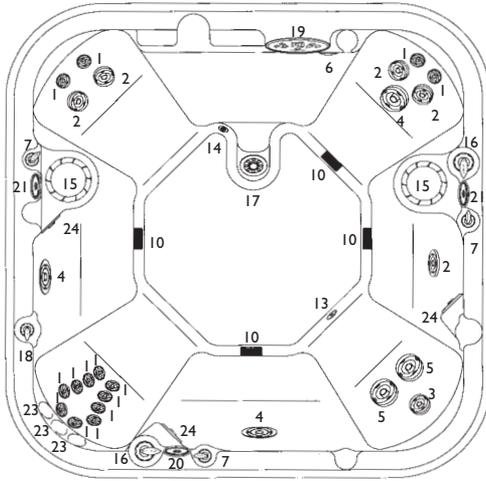
## Maximum Therapy System Qty.

1	Control Box	1
2	Pumps	2
3	Equipment Disconnect	4
4	Shut Off Valves	2
5	Heater	1
6	Ozonator	1
7	Mazzei Injector	1





# EUPHORIA COASTAL SERIES



### Component Identification Qty.

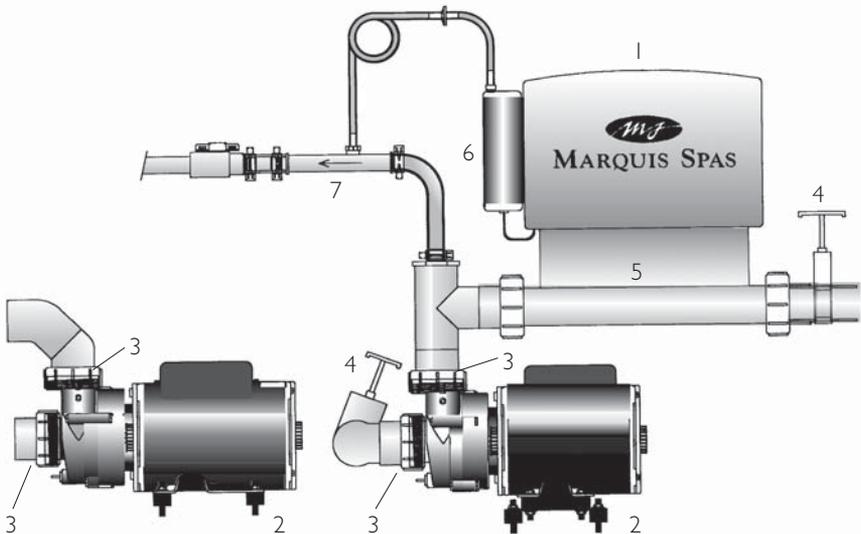
1	Iso Boost Jet	14
2	Power Boost Jet	5
3	Power Swirl Jet	1
4	Cyclo Boost Jet	3
5	Cyclo Swirl Jet	2
6	Light	1
7	Air Control Valves	3
8	Heat Sensor	1
10	Suction Fittings	4
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canisters	2
16	Jet Selector Valves	2
17	Geyser Jet	1
18	Cascade Neck Jet Valve	1
19	Bather's Control Panel	1
20	Auxiliary Control Panel	1
21	Auxiliary Control Panels	2
23	Cascade Neck Jets	3
24	Whirlpool Jets	3

### Physical Specifications

Dimensions	90" x 90"
Height	35.5"
Depth	34"
Seating Positions	8
Weight Dry Lbs.	800
Weight Full Lbs.	4302
Water Capacity	420 gallons
Total Therapy Jets	32

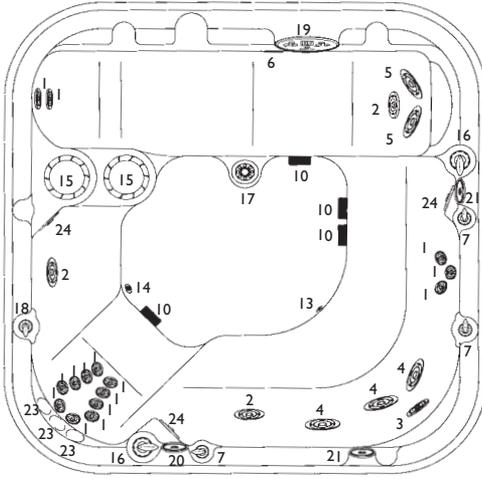
### Maximum Therapy System Qty.

1	Control Box	1
2	Pumps	2
3	Pump Unions	4
4	Shut Off Valves	2
5	Heater	1
6	Ozonator	1
7	Mazzei Injector	1





# VOYAGE COASTAL SERIES



### Component Identification Qty.

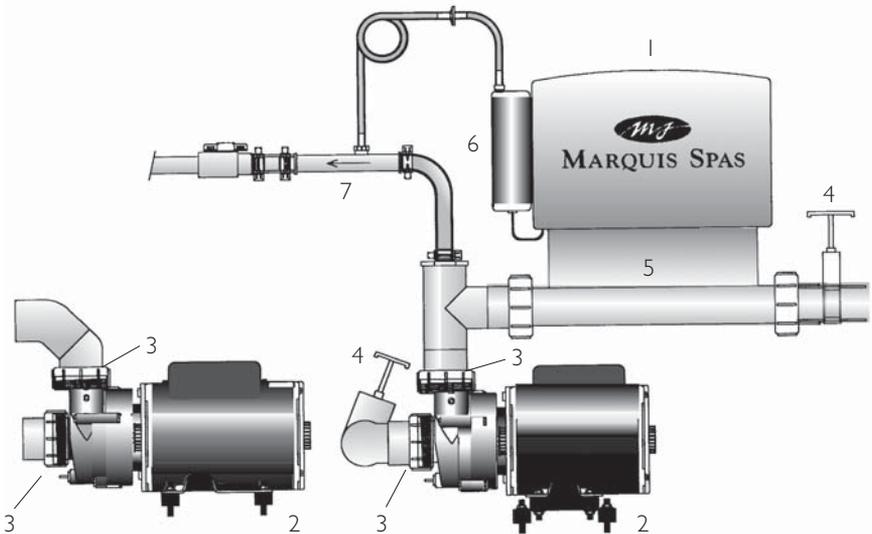
1	Iso Boost Jet	15
2	Power Boost Jet	3
3	Power Swirl Jet	1
4	Cyclo Boost Jet	3
5	Cyclo Swirl Jet	2
6	Light	1
7	Air Control Valve	2
8	Heat Sensor	1
10	Suction Fittings	4
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canisters	2
16	Jet Selector Valves	2
17	Geyser Jet	1
18	Cascade Neck Jet Valve	1
19	Bather's Control Panel	1
20	Auxiliary Control Panel	1
21	Auxiliary Control Panel	2
23	Cascade Neck Jet	3
24	Whirlpool Jets	3

### Physical Specifications

Dimensions	90" x 90"
Height	35.5"
Depth	34"
Seating Positions	8
Weight Dry Lbs.	810
Weight Full Lbs.	4312
Water Capacity	425 gallons
Total Therapy Jets	31

### Maximum Therapy System Qty.

1	Control Box	1
2	Pumps	2
3	Pump Unions	4
4	Shut Off Valves	2
5	Heater	1
6	Ozonator	1
7	Mazzei Injector	1

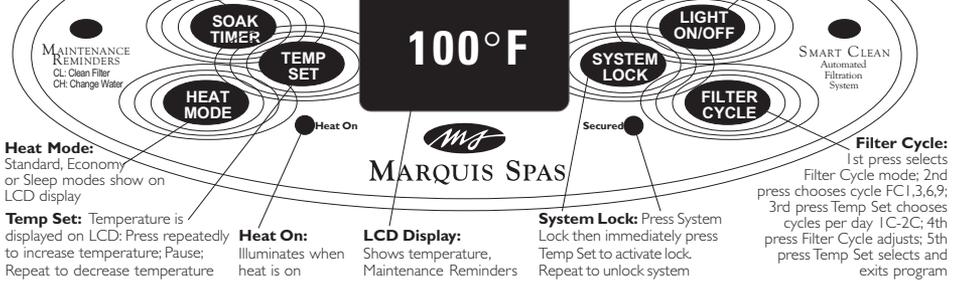




# COASTAL SERIES CONTROLS

**Soak Timer:** 1st press turns pump to low-speed and starts 59-minute timer; 2nd press "all quiet" mode.

**Light On/Off:** 1st press turns underwater and Entryway lights on; 2nd press turns lights off



## Destiny CS, Reward CS, Euphoria CS and Voyage CS Spa Models

### PUMP PRIMING (Pr)

Pump priming feature begins at start-up. When spa is energized, the LCD panel will display a "Pr" message. This mode will last approximately four to five minutes if not exited manually. See THERAPY PUMP(S) section.

### UNDERWATER AND ENTRYWAY LIGHTS

The pad marked LIGHT ON/OFF turns the underwater and Entryway lights on and off. The low-voltage system produces a night light for evening use and makes entering and exiting the spa safer. After being on for one hour, the lights will automatically turn off.

### SOAK TIMER AND SOAK FEATURE

Pressing the SOAKTIMER pad will turn the jet pump to low-speed and start a 59-minute timer. The timer will display the elapsed time in one-minute increments (1-14). After 15 minutes, the display will flash the minute (15-59) for ten seconds before switching to a steady display as a safety reminder to not overstay your soak. During the Soak Timer mode, the temperature display can be checked by pressing the TEMP SET pad. A second press of the SOAKTIMER pad will turn off all functions (except light) for an all-quiet soak. Pressing any pad will cancel the Soak mode.

### PROGRAMMABLE FILTER TIMES

Your spa will automatically filter itself using the primary jet pump on low-speed for three hours, twice every 24 hours. If you wish, this filtration time can be programmed for 90 minutes, 3, 6 or 9 hours. In addition, you may select these cycles to run either once or twice every 24 hours.

- To adjust the filter time: First press the FILTER CYCLE pad for display mode, then press the FILTER CYCLE pad again and scroll through filtration time options and adjust for desired filter time (display shows FC1, FC3, FC6, or FC9) and enter selection.
- Press TEMP SET pad to select one or two filter cycles per 24 hours (display shows 1C or 2C for 1 cycle or 2 cycles per 24 hours), press FILTER CYCLE pad to adjust.
- Press TEMP SET pad to enter the selection and exit the programming mode.

The filter cycle will begin six minutes after the spa is energized. If you select two cycles per 24 hours, the second cycle will begin 12 hours after the first cycle. Also, at the start of the first filter cycle, auxiliary pump will run on low-speed for five minutes. The primary pump will run on high-speed for five minutes, then low-speed for the cycle's duration.



## CONSTANT CLEAN™ FILTRATION WITH SMART LOGIC

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### Constant Clean™ Filtration

Your spa is automatically preset to filter itself using the jet pump on low-speed for three hours twice in a 24 hour period. The first filter cycle will begin six minutes after the spa is energized. The second filter cycle will begin 12 hours after the first cycle. See PROGRAM FILTER to adjust cycles.

### Smart Logic

This feature ensures that the spa water will be properly filtered after each spa use. 30 minutes after the spa light or jet pump has been deactivated, the pump runs on high-speed for five minutes, then on low-speed to filter the water for four hours.

### Heat Demand Operation

In addition to those situations mentioned above, the pump will circulate on low-speed whenever the thermostat calls for heat.

## SOLID-STATE Q<sub>3</sub> OZONATOR

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The Q<sub>3</sub> Ozonator will function during all filter cycles. It will be disabled for one hour whenever a pump or light pad is pressed. At the conclusion of the hour, the low-speed pump and ozonator will run for four hours.

## HEAT MODE

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The spa's heat mode can be adjusted to one of three different settings.

- **Standard Mode:** The spa water will heat to the temperature as set at the Bather's panel. In this mode the filtration pump will turn on for one minute every half-hour and "poll" or check the water. If heat is needed the unit will heat to the set temperature. LCD display will steadily read actual temperature in this mode.
- **Economy Mode:** In this mode the spa will only heat to the set temperature during a programmed filter cycle. LCD display will alternately flash "Ecn" with actual temperature when spa is up to set temperature. LCD will steadily display "Ecn" when spa is below set temperature.
- **Sleep Mode:** The spa will only heat to 20° F below the set temperature. Heater will only function during a programmed filter cycle. LCD display will alternately flash "SLP" with the actual temperature when spa is up to set temperature. LCD will steadily display "SLP" when spa is below set temperature.

For most applications, the Standard Mode should be used. If you are in a warm weather climate and the spa does not require as much heat, the Economy Mode may work best. For a vacation home or for very infrequent use, the Sleep Mode will provide filtration and circulation with lower energy demand.

Your spa comes preset in the Standard Mode. To change this selection, press the HEAT MODE pad and continue to press it until the desired setting is reached (Std, Ecn, or SLP). When you have reached the desired setting, press the TEMP SET pad to select that mode and exit programming. (TEMP SET pad must be pressed within ten seconds for the selection to take effect.)

## SYSTEM LOCK

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After selecting filtration and heat modes, press SYSTEM LOCK pad, then immediately press TEMP SET pad to preserve the operational settings and ensure against inadvertent changes. Unlock the panel by repeating the procedure. Lock is indicated by LED light "SECURED". Jets and light will continue to function in System Lock.



## TEMPERATURE DISPLAY AND ADJUSTMENT

The LCD window displays the actual water temperature. Pressing the TEMP SET pad will make the numbers flash, then pressing the pad again (repeatedly) will increase the set temperature one degree at a time, up to 104° F. After a short pause, the actual temperature will again be displayed. Repeating the above procedure will allow you to decrease the set temperature.

## HEAT LIGHT

The HEAT ON light will illuminate when the heater is on.

## LCD DISPLAY MESSAGES

The advanced technology built into the spa allows it to perform a number of self-diagnostic system checks and can display a variety of messages on the LCD panel. See TROUBLESHOOTING section for descriptions.

## MAINTENANCE REMINDERS

Maintenance Reminders help remind you of routine maintenance procedures.

**CL:** This will appear every 30 days as a reminder to clean the filter.\*

**CH:** This will appear every 90 days as a reminder to drain and refill the spa.\*

\*NOTE: If power is shut off or a power outage occurs the system has a battery backup. Maintenance Reminders will be stored in memory for 30 days. If power does not resume after that time, memory will reset to factory default settings and history lost.

## ZONED THERAPY SYSTEM AUXILIARY PANELS

Pressing the ZONE 1 JETS pad will activate the Power Therapy Seat (see ZONED JETTING for exact location). The ZONE 1 JETS pad will cycle the jet pump from low-speed to high-speed to off. Pressing either of the ZONE 2 pads will activate the jets in the remainder of the spa (Zone 2).



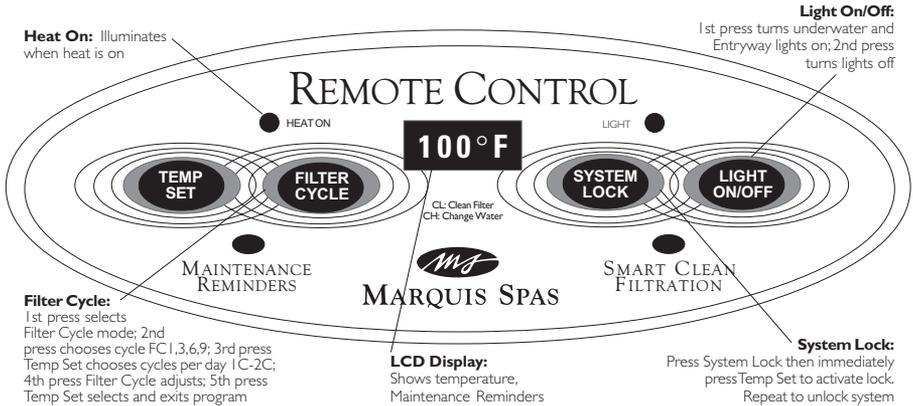
**Zone 1 Jets:** 1st press activates Power Therapy Seat jets on low-speed; 2nd press turns jets to high-speed; 3rd press turns jets off



**Zone 2 Jets:** 1st press activates all jets in spa on low-speed, except the Power Therapy Seat jets (Zone 1 Jets); 2nd press turns jets to high-speed; 3rd press turns jets off



# COASTAL SERIES CONTROLS



## REMOTE CONTROL (COASTAL AND ULTIMATE SERIES)

### LIGHT ON/OFF

The pad marked LIGHT ON/OFF turns the underwater and Entryway lights on and off. (See COASTAL SERIES UNDERWATER AND ENTRYWAY LIGHTS.)

### FILTER CYCLE

The pad marked PROGRAMMABLE FILTER TIMES sets the desired filter cycles. (See COASTAL SERIES PROGRAMMABLE FILTER TIMES.)

### SYSTEM LOCK

The pad marked SYSTEM LOCK preserves the operational settings. (See COASTAL SERIES SYSTEM LOCK.)

### TEMP SET

The pad marked TEMP SET increases and decreases temperature setting. (See COASTAL SERIES TEMPERATURE DISPLAY AND ADJUSTMENT.)

### LCD DISPLAY

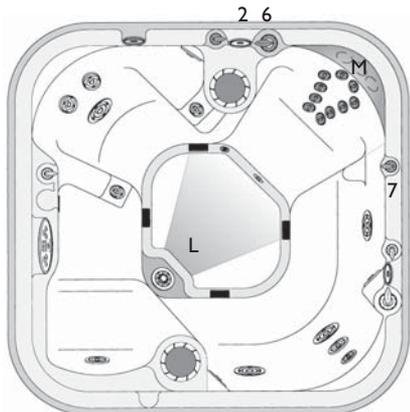
(See COASTAL SERIES LCD DISPLAY MESSAGES.)

### MAINTENANCE REMINDERS

(See COASTAL SERIES MAINTENANCE REMINDERS.)

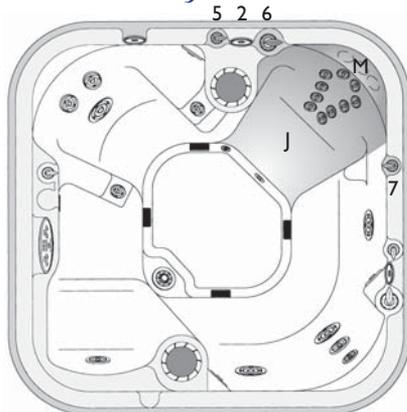


# DESTINY CS ZONED JETTING



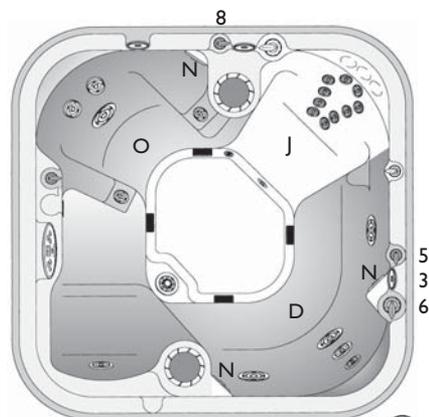
## ZONE 1A JETS

Geyser Jet (L) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the west. Press ZONE 1 JETS pad (2) on either panel to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



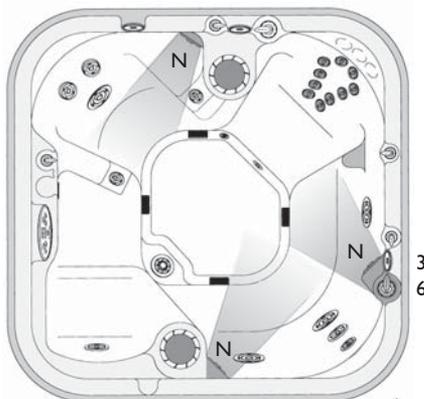
## ZONE 1B JETS

Therapy Seat jets (J) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the east and press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



## ZONE 2A JETS

All jets (D) except Therapy Seat (J), Geyser (L), Whirlpool (N) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the south and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed. Adjust jet pressure in seat (O) with the Air Control Valve (8). Adjust pressure in area (D) with Air Control Valve (5).



## ZONE 2B JETS

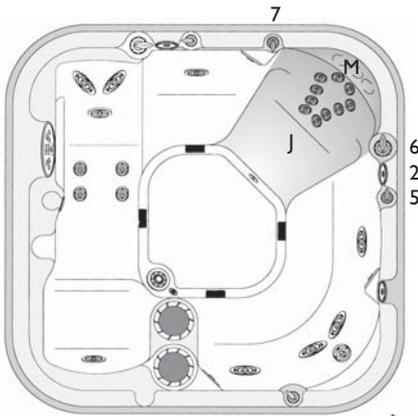
Three Whirlpool Jets (N). Turn the Jet Selector Valve (6) to the north and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed.



Shaded area: Jets On. White area: Jets Off. A compass is used as a directional tool.

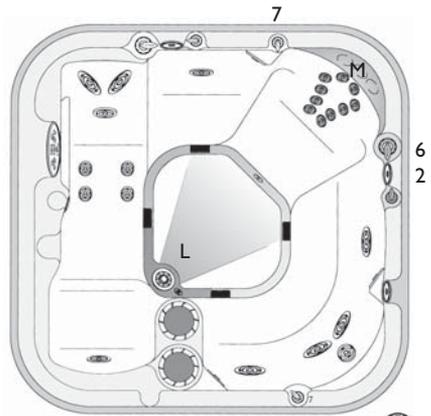


# REWARD CS ZONED JETTING



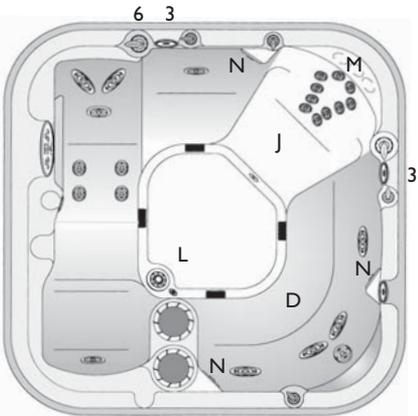
## ZONE 1A JETS

Therapy Seat jets (J) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the north and press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



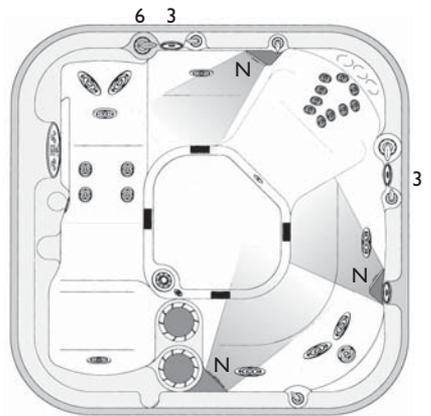
## ZONE 1B JETS

Geyser Jet (L) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the south. Press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



## ZONE 2A JETS

All jets (D) except Therapy Seat (J), Geyser (L), Whirlpool (N) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the west and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise.



## ZONE 2B JETS

Three Whirlpool Jets. Turn the Jet Selector Valve (6) to the east and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed.



Shaded area: Jets On. White area: Jets Off. A compass is used as a directional tool.



# EUPHORIA CS ZONED JETTING



## ZONE 1A JETS



Therapy Seat jets (J) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the west and press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



## ZONE 1B JETS



Geyser Jet (L) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the east. Press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



## ZONE 2A JETS



All jets (D) except Therapy Seat (J), Geyser (L), Whirlpool (N) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the north and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise.



## ZONE 2B JETS



Three Whirlpool Jets. Turn the Jet Selector Valve (6) to the south and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed.



Shaded area: Jets On. White area: Jets Off.  
A compass is used as a directional tool.



# VOYAGE CS ZONED JETTING



## ZONE 1A JETS



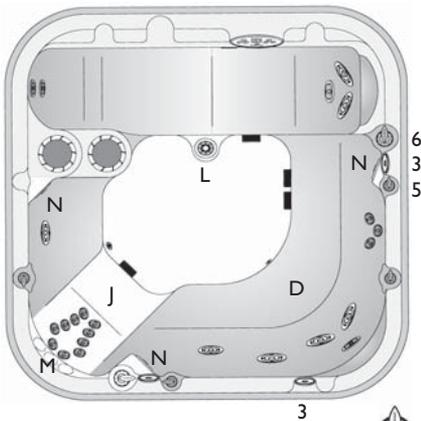
Therapy Seat jets (J) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the east and press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



## ZONE 1B JETS



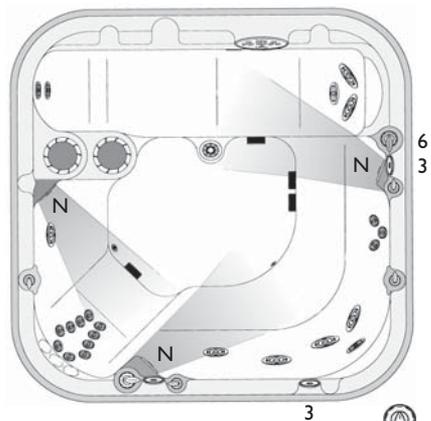
Geyser Jet (L) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the west. Press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



## ZONE 2A JETS



All jets (D) except Therapy Seat (J), Geyser (L), Whirlpool (N) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the north and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise.



## ZONE 2B JETS

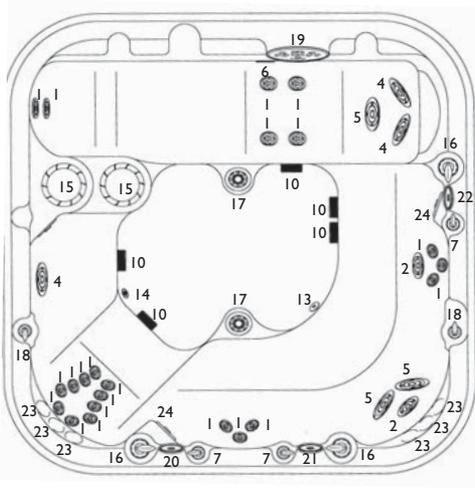


Three Whirlpool Jets (N). Turn the Jet Selector Valve (6) to the south and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed.





# VOYAGE ULTIMATE SERIES



### Component Identification Qty

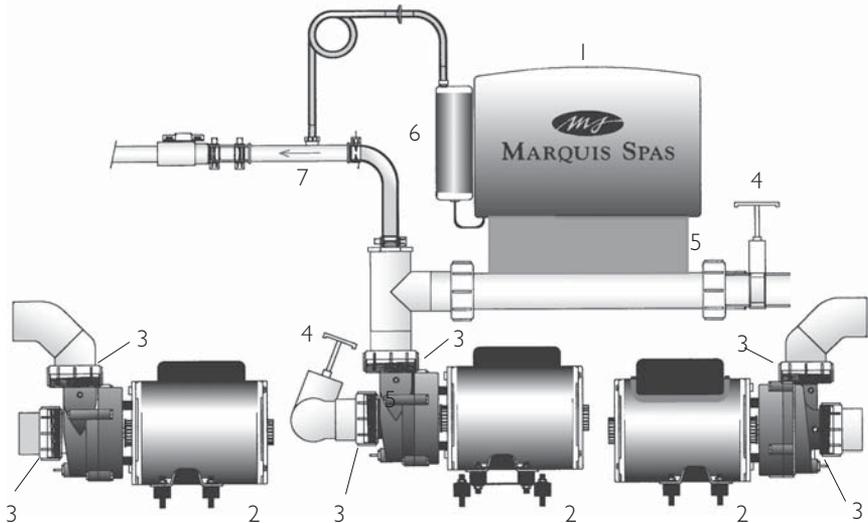
1	Iso Boost Jet	22
2	Power Boost Jet	2
3	Power Swirl Jet	0
4	Cyclo Boost Jet	3
5	Cyclo Swirl Jet	3
6	Light	1
7	Air Control Valves	3
8	Heat Sensor	1
10	Suction Fittings	5
13	Ozone Injector Fitting	1
14	Floor Drain	1
15	Filter Canisters	2
16	Jet Selector Valves	3
17	Geyser Jets	2
18	Cascade Neck Jet Valves	3
19	Bather's Control Panel	1
20	Auxiliary Control Panel	1
21	Auxiliary Control Panel	1
22	Auxiliary Control Panel	1
23	Cascade Neck Jets	6
24	Whirlpool Jets	3

### Physical Specifications

Dimensions	90" x 90"
Height	35.5"
Depth	34"
Seating Positions	8
Weight Dry Lbs.	850
Weight Full Lbs.	4352
Water Capacity	425 Gallons
Total Therapy Jets	41

### Maximum Therapy System Qty

1	Control Box	1
2	Pumps	3
3	Pump Unions	6
4	Shut Off Valves	2
5	Heater	1
6	Ozonator	1
7	Mazzei Injector	1





# ULTIMATE SERIES CONTROLS

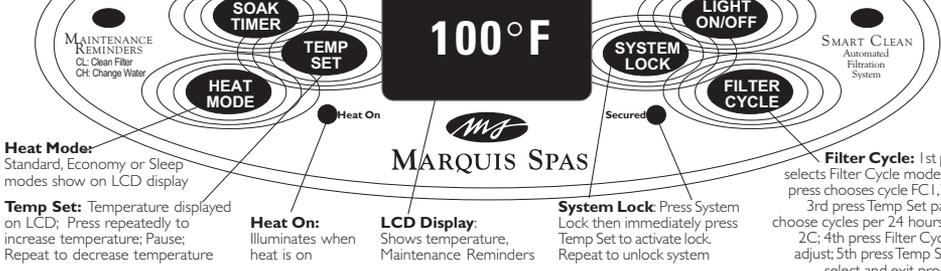
**Soak Timer:** 1st press turns pump to low-speed and starts 59-minute timer; 2nd press "all quiet" mode

**Light On/Off:** 1st press turns underwater and Entryway lights on; 2nd press turns lights off

## ULTIMATE SERIES TRI-ZONE THERAPY SYSTEM

100°F

MARQUIS SPAS



**Heat Mode:** Standard, Economy or Sleep modes show on LCD display

**Temp Set:** Temperature displayed on LCD; Press repeatedly to increase temperature; Pause; Repeat to decrease temperature

**Heat On:** Illuminates when heat is on

**LCD Display:** Shows temperature, Maintenance Reminders

**System Lock:** Press System Lock then immediately press Temp Set to activate lock. Repeat to unlock system

**Filter Cycle:** 1st press selects Filter Cycle mode; 2nd press chooses cycle FC1,3,6,9; 3rd press Temp Set pad to choose cycles per 24 hours 1C-2C; 4th press Filter Cycle to adjust; 5th press Temp Set to select and exit program

### Voyage US Spa Model

#### PUMP PRIMING (Pr)

Pump priming feature begins at start-up. When spa is energized, the LCD panel will display a "Pr" message. This mode will last approximately four to five minutes if not exited manually. See THERAPY PUMP(S) section.

#### UNDERWATER AND ENTRYWAY LIGHTS

The pad marked LIGHT ON/OFF turns the underwater and Entryway lights on and off.

The low-voltage system produces a night light for evening use and makes entering and exiting the spa safer. After being on for one hour, the lights will automatically turn off.

#### SOAK TIMER AND SOAK FEATURE

Pressing the SOAKTIMER pad will turn the jet pump to low-speed and start a 59-minute timer. The timer will display the elapsed time in one-minute increments (1-14). After 15 minutes, the display will flash the minute (15-59) for ten seconds before switching to a steady display as a safety reminder to not overstay your soak. During the Soak Timer mode, the temperature display can be checked by pressing the TEMP SET pad. A second press of the SOAKTIMER pad will turn off all functions (except light) for an all-quiet soak. Pressing any pad will cancel the Soak mode.

#### PROGRAMMABLE FILTER TIMES

Your spa will automatically filter itself using the primary jet pump on low-speed for three hours, twice in 24 hours. If you wish, this filtration time can be programmed for 90 minutes, 3, 6 or 9 hours. In addition, you may select these cycles to run either once or twice in 24 hours.

- To adjust the filter time: First press the FILTER CYCLE pad for display mode, then press the FILTER CYCLE pad again and scroll through filtration time options and adjust for desired filter time (display shows FC1, FC3, FC6, or FC9) and enter selection.
- Press TEMP SET pad to select one or two filter cycles per 24 hours (display shows 1C or 2C for 1 cycle or 2 cycles per 24 hours), press FILTER CYCLE pad to adjust.
- Press TEMP SET pad to enter the selection and exit the programming mode.

The filter cycle will begin six minutes after the spa is energized. If you select two cycles per 24 hours, the second cycle will begin 12 hours after the first cycle. Also, at the start of the first filter cycle, auxiliary pump will run on low-speed for five minutes. The primary pump will run on high-speed for five minutes, then low-speed for the cycle's duration.



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## CONSTANT CLEAN™ FILTRATION WITH SMART LOGIC

### Constant Clean™ Filtration

Your spa is automatically preset to filter itself using the jet pump on low-speed for three hours twice in a 24 hour period. The first filter cycle will begin one minute after the spa is energized. The second filter cycle will begin 12 hours after the first cycle. See PROGRAM FILTER to adjust cycles.

### Smart Logic

This feature ensures that the spa water will be properly filtered after each spa use. 30 minutes after the spa light or jet pump has been deactivated, the pump runs on high-speed for five minutes, then on low-speed to filter the water for four hours.

### Heat Demand Operation

In addition to those situations mentioned above, the pump will circulate on low-speed whenever the thermostat calls for heat.

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## SOLID-STATE Q<sub>3</sub> OZONATOR

The Q<sub>3</sub> Ozonator will function during all filter cycles. It will be disabled for one hour whenever a pump or light pad is pressed. At the conclusion of the hour, the low-speed pump and ozonator will run for four hours.

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## HEAT MODE

The spa's heat mode can be adjusted to one of three different settings.

- **Standard Mode:** The spa water will heat to the temperature as set at the Bather's panel. In this mode the filtration pump will turn on for one minute every half-hour and "poll" or check the water. If heat is needed the unit will heat to the set temperature. LCD display will steadily read actual temperature in this mode.
- **Economy Mode:** In this mode the spa will only heat to the set temperature during a programmed filter cycle. LCD display will alternately flash "Ecn" with actual temperature when spa is up to set temperature. LCD will steadily display "Ecn" when spa is below set temperature.
- **Sleep Mode:** The spa will only heat to 20° F below the set temperature. Heater will only function during a programmed filter cycle. LCD display will alternately flash "SLP" with the actual temperature when spa is up to set temperature. LCD will steadily display "SLP" when spa is below set temperature.

For most applications, the Standard Mode should be used. If you are in a warm weather climate and the spa does not require as much heat, the Economy Mode may work best. For a vacation home or for very infrequent use, the Sleep Mode will provide filtration and circulation with lower energy demand.

Your spa comes preset in the Standard Mode. To change this selection, press the HEAT MODE pad and continue to press it until the desired setting is reached (Std, Ecn, or SLP). When you have reached the desired setting, press the TEMP SET pad to select that mode and exit programming. (TEMP SET pad must be pressed within ten seconds for the selection to take effect.)

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## SYSTEM LOCK

After selecting filtration and heat modes, press SYSTEM LOCK pad, then immediately press TEMP SET pad to preserve the operational settings and ensure against inadvertent changes. Unlock the panel by repeating the procedure. Lock is indicated by LED light "SECURED". Jets and light will continue to function in System Lock.



## TEMPERATURE DISPLAY AND ADJUSTMENT

The LCD window displays the actual water temperature. Pressing the TEMP SET pad will make the numbers flash, then pressing the pad again (repeatedly) will increase the set temperature one degree at a time, up to 104° F. After a short pause, the actual temperature will again be displayed. Repeating the above procedure will allow you to decrease the set temperature.

## HEAT LIGHT

The HEAT ON light will illuminate when the heater is on.

## LCD DISPLAY MESSAGES

The advanced technology built into the spa allows it to perform a number of self-diagnostic system checks and can display a variety of messages on the LCD panel. See TROUBLESHOOTING section for descriptions.

## MAINTENANCE REMINDERS

Maintenance Reminders help remind you of routine maintenance procedures.

**CL:** This will appear every 30 days as a reminder to clean the filter.\*

**CH:** This will appear every 90 days as a reminder to drain and refill the spa.\*

**\*NOTE:** If power is shut off or a power outage occurs the system has a battery backup. Maintenance Reminders will be stored in memory for 30 days. If power does not resume after that time, memory will reset to factory default settings and history lost.

## ZONED THERAPY SYSTEM AUXILIARY PANELS

Pressing the ZONE 1 JETS pad will activate the Power Therapy Seat (see spa diagram for exact location). The ZONE 1 JETS pad will cycle the jet pump from low-speed, to high-speed, to off. This sequence will be followed beginning at whichever speed the pump may be in when the pad is pressed. Pressing ZONE 2 JETS or ZONE 3 JETS pads will activate the jets in the other areas of the spa. The Zone 2 and Zone 3 pumps follow the same sequence as that of Zone 1.



**Zone 1 Jets:** 1st press activates Power Therapy Seat jets on low-speed; 2nd press turns jets to high-speed; 3rd press turns jets off



**Zone 2 Jets:** 1st press activates jets in Zone 2 on low-speed; 2nd press turns Zone 2 jets to high-speed; 3rd press turns Zone 2 jets off



**Zone 3 Jets:** 1st press activates jets in Zone 3 on low-speed; 2nd press turns Zone 3 jets to high-speed; 3rd press turns Zone 3 jets off

## REMOTE CONTROL

(See COASTAL SERIES REMOTE CONTROL and reference ULTIMATE SERIES CONTROL functions.)



# VOYAGE US ZONED JETTING



## ZONE 1A JETS

Therapy Seat jets (J) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the east and press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).

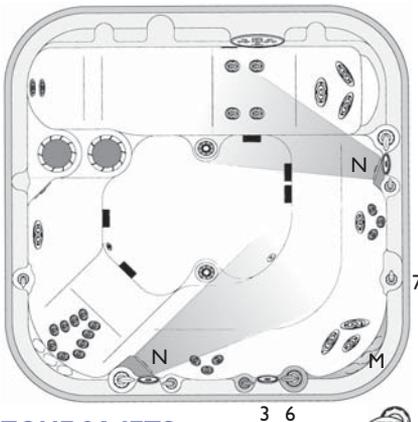


## ZONE 1B JETS

One Whirlpool Jet (N) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the west and press ZONE 1 JETS pad (2) to turn pump on low-speed. Press ZONE 1 JETS pad (2) again to turn pump on high-speed. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).



Shaded area: Jets On. White area: Jets Off. A compass is used as a directional tool.



## ZONE 2A JETS

Two Whirlpool jets (N), Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the west and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).

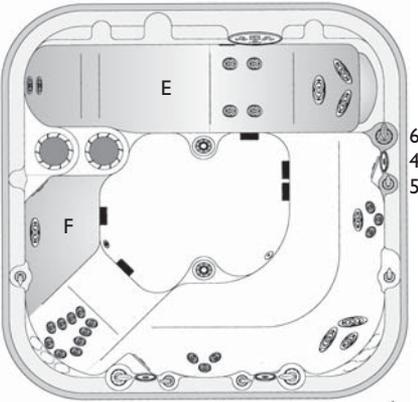


## ZONE 2B JETS

Spiral bench seats (D) and Cascade Neck Jets (M). Turn the Jet Selector Valve (6) to the east and press ZONE 2 JETS pad (3) to turn pump on low-speed. Press ZONE 2 JETS pad (3) again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Turn Air Control Valve to point towards the seating area in which you want more air pressure. Cascade Neck Jets (M) are independent of other jets. Control pressure by turning Neck Jet Valve (7).

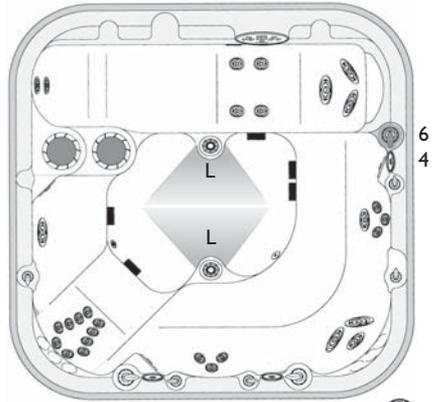


# VOYAGE US ZONED JETTING



## ZONE 3A JETS

Lounge jets (E) and seat (F). Turn the Jet Selector Valve (6) to the north and press ZONE 3 JETS (4) pad to turn pump on low-speed. Press ZONE 3 JETS (4) pad again to turn pump on high-speed. Adjust the jet pressure with Air Control Valve (5). Open the Air Control Valve (5) by turning the lever counterclockwise.



## ZONE 3B JETS

Two Geyser Jets (L). Turn the Jet Selector Valve (6) to the south and press ZONE 3 JETS (4) pad to turn pump on low-speed. Press ZONE 3 JETS pad (4) again to turn pump on high-speed.

Shaded area: Jets On. White area: Jets Off.  
A compass is used as a directional tool.





## WOOD EXTERIOR

Your spa's wood exterior (if so equipped) has been treated with a water-based wood preservative at the factory. It is suggested that the exterior be treated every six months with an additional coat of preservative for maximum weather protection. You should contact your spa retailer for advice on which preservatives work best in your environment.

## DURAWOOD™ EXTERIOR

This low maintenance exterior material is featured in the All Weather Package (AWP) and is optional on Recreational Series, and standard on Coastal and Ultimate Series spas. Wipe down DuraWood™ exterior with a soft sponge or cloth and mild, nonabrasive cleaner. Isopropyl alcohol diluted 1:1 with water may be used on stubborn marks. **DO NOT USE ACETONE** as it may damage the surface.

## DRAINING AND REFILLING THE SPA

It is recommended that you completely drain your spa every three months. A Maintenance Reminder will appear as CH to remind you to change water. More frequent draining may be required depending on use. Unless this is done regularly, the water becomes chemically "saturated" and will no longer respond to regular chemical upkeep.

The spa should also be drained before long periods of disuse. An empty spa should be covered; direct sunlight on the spa surface can cause severe damage or blemishing and can result in the voiding of any surface warranties. To drain the spa for cleaning or servicing, complete the following steps:



### Hose Bib Drain

1. Turn off the power to the spa.
2. Attach a garden hose to the hose bib in the spa's equipment area.
3. Open the hose bib by turning the lever counterclockwise. Gravity will cause the water to drain out of the hose.
4. When the spa is empty, close the hose bib and remove the hose. Keep the hose bib open for long periods of disuse.
5. Fill your spa with fresh water from a garden hose and add the necessary chemicals. Remember, it is necessary to **SHOCK SANITIZE** the water after each refill before using your spa. Follow the same procedures as outlined in STARTING YOUR SPA section.



### DuraBase™ External Drain and Fill Valve

1. Remove plug from the external drain and fill valve.
2. Attach a hose to the external drain and fill valve on the DuraBase™.
3. Open the valve by turning the ring counterclockwise. Gravity will cause the water to drain out of the hose.
4. When the spa is empty, close the valve by turning the ring clockwise and remove the hose.
5. Replace the plug in the drain and fill valve.
6. Follow step five above to refill your spa.



## CLEANING THE SPA AND SAFETY ENERGY COVER

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Should the DuraShell® interior become soiled, it can be cleaned with a soft sponge, cloth or *Scumbug Duramit*. Do not use any abrasive cleaners as they can scratch or dull the spa surface.

Your Safety Energy Cover can be cleaned with a nonabrasive household cleaner on both top and bottom sides. A good quality NON-SILICONE based vinyl restorer, such as *Marquis Spa Care™ Cover Cleaner*, will help protect the surface from the sun's rays.

## REMOVING THE FILTER

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Refer to the SPA MAINTENANCE SCHEDULE section for cleaning frequency and instructions. Follow these instructions when performing routine maintenance.



### Vortex Filtration:

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1. Grasp the edge of the dome-shaped Vortex filter top, pull up firmly, but gently, to remove it.
2. Use the filter handle and turn the filter cartridge counterclockwise to unscrew it from its base.
3. Lift out the filter cartridge.

Maintenance Reminder will show CL every three months to remind you to clean your filter. It's recommended that you keep a spare filter on hand for cleaning. Replace your filter once a year. Filters are available through Marquis Essentials.

## REINSTALLING THE FILTER

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Repeat the steps above in reverse order to reinstall the filter: When replacing the Vortex filter top, center the top over the raised filter ring, and press down firmly until the top snaps into place.

## LIGHT BULB REPLACEMENT

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To replace a bulb for the Entryway or Underwater lighting,

1. Remove the equipment area door to find the light access.
2. Remove the lamp socket from the back of the light assembly by turning counterclockwise and pulling at the same time.
3. Gently pull the bulb out of the lamp socket and replace it with a **6 WATT BULB ONLY** from your spa retailer.
4. Install the lamp socket back into the light assembly and replace door.



## WINTERIZING YOUR SPA

---

Your spa was designed for year-round use and many people find the combination of hot water, therapy jets, and cool winter temperatures to be especially soothing. However, if you decide to discontinue the use of your spa for any extended period of time, we suggest you follow the steps below.

**NOTE:** During long periods of inactivity, damage can occur to equipment from condensation within the equipment.

1. Turn off the power to the spa.
2. Drain the spa. (See DRAINING AND REFILLING THE SPA section.)
3. Remove all residual water from the seating and footwell. If necessary, bail out the remaining water then dry the spa with towels. A wet/dry vacuum is recommended for best results.
4. Using the wet/dry vacuum, place nozzle over each jet nozzle to remove water from plumbing lines, starting with the highest jet and finishing with the lowest jet.

**NOTE:** If the spa is equipped with a Jet Selector valve, which is used to divert water between different jet zones, the valve must be “open” to the particular jets you are vacuuming.

5. Unscrew the pump plug(s) from the pump(s) or disconnect the freeze protection line. (See STARTING YOUR SPA section.)
6. Again, using the wet/dry vacuum, place nozzle over the exposed pump opening(s) to remove excess water. The pump(s) should be removed from the spa and stored in a climate-controlled room.
7. Clean the spa interior.
8. Clean the filter cartridge(s).
9. Reinstall the Safety Energy Cover and lock in place.



# SPA MAINTENANCE SCHEDULE

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## DAILY

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Replenish the water level by filling 2/3 up the Vortex skimmer opening(s). (See STARTING YOUR SPA section.)

Check the water chemistry. Adjust as needed.

## WEEKLY

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Wipe down the embossed tile.

Remove the filter cartridge(s) and rinse thoroughly with a hose and high-pressure nozzle.

## MONTHLY

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Soak the filter cartridge(s) in a filter cleaner such as *Filter Revive*. Rinse thoroughly in clean water.

Clean the spa Safety Energy Cover with a gentle cleaner such as *Cover Cleaner*.

## EVERY THREE MONTHS

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Drain the spa and completely refill with water and replenish the chemicals. (See DRAINING AND REFILLING YOUR SPA.)

Open the equipment door and check for signs of water leakage around the pump(s). Pump seals will wear out over time, especially with improper water chemistry. Early detection of pump seal failure can significantly reduce repair costs.

While the spa is drained, the DuraShell® interior can be sponged with a spa cleaner and rinsed.

**NOTE:** Do not wax the surface as the wax will dissolve into the water, clog the filter, and reduce the effectiveness of Microban® antibacterial product protection.

## EVERY SIX MONTHS

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Treat the wood exterior (if so equipped) with high-quality, water-based wood preservative.

**NOTE:** Do not use wood sealant.







**PLEASE NOTE:** The following corrective actions may be performed by the spa owner. If the trouble cannot be corrected in the steps below, please refer to your spa retailer for service. (Improper servicing by an unauthorized service provider or spa owner could result in damage that will not be covered by the warranty and could cause serious injury.)

## **EQUIPMENT WILL NOT OPERATE**

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Check the control panel LCD display code.

240V Spas: Check the circuit breaker on the main circuit panel.

120V Spas: Check the GFCI power cord and reset if necessary (see Important Safety Instructions at beginning of manual).

Check the condition of the power cord.

## **JET-PUMP(S) DOES NOT WORK**

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Press the pump buttons on the spa side controls.

Check plug connection at equipment pack

Be sure the shut-off valves are completely open.

Check for obstructions or restrictions at the suction fittings, such as leaves, etc.

## **INADEQUATE JET ACTION**

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Be sure the shut-off valves are completely open.

Check that the air control valve is open (push lever counterclockwise to open).

## **LCD DISPLAY MESSAGES**

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Depending on spa models, the technology allows it to perform a number of self-diagnostic system checks and may display some of the messages on the LCD panel as listed below. (See CONTROL section.)

### **OHH or OHS:**

Overheat protection; If a malfunction occurs and the spa water reaches 112° F (44° C), the system will completely shut down. In such a condition, **DO NOT ENTER THE WATER.** Turn off all power to the spa. Several conditions could lead to overheating, for example, low water level, shut-off valves closed while heater is on, dirty filter, and restriction in the plumbing lines. The spa will not restart itself until the water temperature within the spa drops to a lower, predetermined temperature. As a double safety feature, a secondary high-limit sensor will shut the system off if the water temperature in the heater housing reaches 118° F. In this case, the spa may be restarted by pressing any panel pad after the water has cooled to 108° F. If the switch trips repeatedly, do not use the spa. Contact your retailer for service.

### **HFL or drY:**

1. The filter may be plugged.
2. The spa water level may be too low.
3. A shut-off valve may be closed.
4. A flow switch may have malfunctioned. Contact your service provider.



## LCD DISPLAY MESSAGES (CONTINUED)

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### **SN, Snt or SnH:**

A sensor has malfunctioned. The spa will turn off. Contact your service provider.

### **CL:**

This will appear every 30 days as a reminder to clean the filter. (See REMOVING THE FILTER.)

### **CH:**

This will appear every 90 days as a reminder to drain and refill the spa. (See DRAINING THE SPA and REFILLING.)

### **FL:**

A pressure switch may have malfunctioned. Contact your service provider.

## NO HEAT

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Check temperature LCD display for desired temperature setting.

**NOTE:** Do not expect instant hot water from the jets. It will take the heater 12-24 hours to heat the spa to the temperature you desire.

Check for obstructions or restrictions at the suction fittings.  
Inspect the filter cartridge(s) for dirt and debris.

Check that the water is at proper level, 2/3 up the Vortex skimmer opening(s).

Lower ambient temperatures may result in heat loss.

## LIGHT DOES NOT WORK

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Press the LIGHT ON/OFF pad on the spa side controls.

Reposition the light bulb in the socket. (See REPLACING LIGHT BULB section.)

Replace the light bulb with a **6 WATT BULB ONLY**.

## SPA WATER MAINTENANCE

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Maintaining proper water chemical balance is critical to your health and enjoyment. Marquis recommends that you use an ozonator (optional on Leisure and Recreational Series, standard on Coastal and Ultimate Series) along with the proper sanitizers.

Marquis offers a complete line of *Marquis Spa Care*™ products which meet or surpass Environment Protection Agency (EPA) requirements. *Marquis Spa Care*™ products are available only through authorized Marquis Dealers. For more information, refer to the *Water Treatment Guide* shipped with your spa.

## RECOMMENDED CHEMICAL LEVELS

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Bromine	2 - 3 ppm
Chlorine	2 - 3 ppm
Alkalinity	50 - 150 ppm
pH Level	7.2 - 7.6

## (C) CAUSE AND (S) SOLUTIONS TO WATER MAINTENANCE

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### CLOUDY WATER

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- C: Inadequate filtration or dirty filter.
- S: Check that the filter is securely attached. Clean or replace filter.
- C: Water is not chemically balanced.
- S: SHOCK the spa with *Shock Treatment* and test water with a *Water Test Strip*. Adjust sanitizer level, pH, and alkalinity levels as needed.
- C: Unfiltered particles or chemically saturated water.
- S: Use *Crystal Clear Clarifier* to combine particles; or drain the spa, clean and refill.

### CHEMICAL ODOR

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- C: Too many chloramines/bromamines in the water.
- S: Shock water with *Shock Treatment* then adjust sanitizer level as necessary.

### MUSTY ODOR

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- C: Not enough sanitizer in water – bacteria or algae in water.
- S: Add sanitizer as necessary and SHOCK SANITIZE. Readjust sanitizing level after shock sanitizing, if necessary.

### YELLOW WATER

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- C: Low pH.
- S: Adjust pH with *pH and Alkalinity Increase*.

### FOAMING

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- C: High concentration of body oils, lotions, or soaps as well as high temperatures and excessive contaminants.
- S: Use *Foam Eliminator* and adjust pH and sanitizer levels as needed.

### SCUM LINE IN SPA

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- C: Body oils and dirt.
- S: Use *Spa Perfect* once a week to break down oils and lotions to prevent scum from forming.



## SPA WATER MAINTENANCE CONTINUED

### FAILURE TO GET A SANITIZER READING ON TEST STRIP

- C: Sanitizer level is too low.
- S: Add chlorine or bromine until the sanitizer tests in the recommended range.
- C: Algae present.
- S: Dirty water will consume the sanitizer as soon as it is added. Add more chlorine or bromine until the sanitizer tests and stays in the recommended range.
- C: Test strip remains white even after sanitizer has been added.
- S: Sanitizer level is extremely high. It can bleach the reagents on the test strip and give a false reading. See below.

### TOO MUCH SANITIZER IN THE WATER

- C: Too much chlorine or bromine added or dispensed into the spa.
- S: Remove Safety Energy Cover and activate high-speed jets and Air Control. Allow jets to run for 30 minutes. Test water with a *Water Test Strip* to see if desired level has been reached.

### EYE OR SKIN IRRITATION

- C: Contaminants or excessive amount of chloramines/bromamines in water.
- S: SHOCK SANITIZE with *Shock Treatment*. Adjust sanitizer level.
- C: pH level is low.
- S: Adjust pH level as needed.

### CORROSION OF METAL

- C: Low or high pH level.
- S: Adjust pH level with *pH and Alkalinity Increase*.

### GREEN WATER/ALGAE

- C: Low sanitizer level or high pH.
- S: Adjust pH and sanitizer as necessary.

### ERRATIC pH TEST COLOR

- C: Sanitizer level is too high. (See TOO MUCH SANITIZER IN THE WATER above.)
- S: Test pH again when sanitizer level is below 5 ppm.

## MARQUIS SPA CARE™ PRODUCTS



- Bromine
- Bromine Floater
- Calcium Hardness Increase
- Chlorine Sanitizer
- Crystal Clear Clarifier
- Filter Revive
- Foam Eliminator
- Go Brom
- Metal and Stain Control
- Nature<sup>27M</sup> Spa Mineral Purifier
- pH and Alkalinity Decrease
- pH and Alkalinity Increase
- Shock Treatment
- Spa Perfect
- Swirl Away
- Water Test Strip

For Spa Care™ Products and Marquis Essentials accessories, see your authorized Dealer.



## MARQUIS SPAS

R E L A X I N G   Y O U R   W O R L D

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