SAVE THESE INSTRUCTIONS

Please take a few minutes to read this manual. A thorough knowledge of the basic safety precautions and proper maintenance procedures will provide years of safe and pleasant enjoyment of your Pacific Marquis Spa.

(As should also be noted that in some cases, failure to follow these instructions may result in damage that will not be covered by your warranty or may void the warranty entirely.)

SERIAL NUMBER LOCATION
On Pacific Marquis spas, the serial number is engraved directly above the filter canister area (see diagram). On those models which are listed by Underwriters Laboratories (U.L.), you will also find the serial number engraved on the foil tag attached to the equipment bay door.

PERMANENT SPA INSTALLATIONS
Permanent spa installations require special considerations and should be carefully planned with the help of your Pacific Marquis dealer.

Please fill out for future reference:

PACIFIC MARQUIS SPA MODEL:

SERIAL NUMBER:

CAPACITY (GALLONS):

MEMBER

NATIONAL SPA & POOL INSTITUTE

This symbol on the product's nameplate means it is listed by UNDERWRITERS LABORATORIES, INC.

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SAFETY PRECAUTIONS:

1. Keep clear of moving parts.
2. Do not work on or near the machine when it is in operation.
3. Keep a clean and well-ventilated area.
4. Do not use when wet or near water.
5. Use only accessories specified by the manufacturer.
6. Do not use with damaged parts.
7. Do not use in the rain or near water.
8. Follow all safety instructions provided with the machine.
9. Do not use near water sources.
10. Keep children away from the machine when in use.

Note: These precautions are guidelines for safe operation and should be followed at all times.
12. Never walk, climb, play or jump on the Energy Cover of your spa. Never swing or play under this cover when it is installed on the spa. Also, do NOT rely on your Energy Cover as a safety cover for children. It is a precautionary measure only and children must be supervised when they are in or around the spa.

13. A fence around your spa with a self-latching gate can be the best protection against unauthorized entry and use. If your spa is indoors, lock the door to the room to keep out unauthorized users.

A WORD ABOUT CHILDREN
As previously explained, soaking in hot water will affect the body's temperature. In small children, the body temperature can increase more quickly than with a full-grown adult. Thus, children are unable to absorb the same amount of heat. Therefore, children's time in the spa should be less than an adult's and children using a spa must be constantly supervised. Children should never be allowed to swim underwater.

A WORD ABOUT PREGNANT WOMEN
Soaking for extended periods in water 102° or higher may affect body temperature to the point that it could affect the fetus. This is especially important during the first 20 days of pregnancy. Spa use at 102° should be limited to no more than 15 minutes. It is strongly suggested that women who are pregnant (or those who are considering becoming pregnant in the near future) check with their doctor on his recommendation for safe spa use.

A WORD ABOUT PHYSICAL FITNESS
If you intend to use a spa in conjunction with strenuous exercise, it is strongly recommended that you consult your physician on proper spa usage.

PLEASE NOTE
Throughout this manual, sections with additional information are listed in bold numbers.

Example: "Drain the spa completely, refill with water and replenish chemicals." (39, 47)
IMPORTANT SAFETY INSTRUCTIONS

1. READ AND FOLLOW ALL INSTRUCTIONS.

2. FURNACE MUST BE INSTALLED WITH THE VENT EXTERIOR WALL OR THE SEEN EXTERIOR WALL OF THE BUILDING.

3. IN CASE OF AN ELECTRICAL FIRE, USE A CLASS D FIRE EXTINGUISHER, FLUIDS OR CO2. NEVER USE WATER OR POWDERED SODIUM BICARBONATE.

4. THE EXHAUST EXHAUST TO THE ORIGINAL FOIL POWER EXHAUST SYSTEM.

5. IN Case OF ANY EXHAUST VENT, USE A VENT SMOKE EXHAUST SYSTEM.

6. CONTACT ONE OF OUR AUTHORIZED DISTRIBUTORS FOR TECHNICAL ASSISTANCE OR REPLACEMENT PARTS.

WARNING: IF THERE IS A CHANCE OF FIRE, DO NOT USE WATER.

DO NOT ATTEMPT TO SERVICE THE UNIT UNTIL YOU HAVE READ AND UNDERSTOOD ALL INSTRUCTIONS.
When converting to 240 volt, a green colored terminal is provided within the control box. Connect this terminal to the grounding terminal of your electrical service or supply panel with a green insulated copper wire equivalent in size to the circuit conductors supplying this equipment, but no smaller than #12 AWG. A second wire connector is provided and should be bonded with at least #8 AWG copper wire to any metal ladders, metal water pipes, metal conduits or any other metal located within five feet of the spa. These steps are to reduce the risk of electric shock.

If the installation includes a common bonding grid (reinforced concrete slab for support, a ground plate beneath the spa or any metal water pipe connection), all metal ladders, drains or the like must be bonded to the common bonding grid. If a common bonding grid is not present, there must be no connection between any metal ladders, drains or the like and the equipment or the equipment grounding bus.

7. The Pacific Marquis Support System is provided with a Ground Fault Circuit Interrupter (GFCI) located on the front of the electrical control box. The GFCI is a safety device used to protect people from exposure to electric shock hazard.

8. The GFCI should be tested before each use in the following manner:

(A) With the equipment connected to the proper electrical power source and with the circuit breakers on, push the BLACK test button: The RED reset button will pop outward.

CAUTION: If the GFCI fails to operate in this manner, disconnect the power cord from the wall receptacle or turn off the circuit breaker in the main electrical panel. Do not reconnect the electrical power until the source of the breakdown has been identified and corrected by a qualified service technician.

(B) The GFCI must now be reset to operate the equipment. Push the RED reset button and close the equipment bay door.

Air blower does not work

Push the button marked on the Spa Side Control (#31).
Check the SWITCH LINKAGE (#38).
Check all steps above in "Equipment does not operate."

PACIFIC MARQUIS FIVE-YEAR LIMITED WARRANTY

MARQUIS CORP. warrants that at the time of shipment, the products manufactured by Marquis and sold hereunder shall be in conformity with applicable written specifications and descriptions referred to or set forth herein and shall be free from defects in material and workmanship.

2. No other person or entity has been authorized to make any warranty, representation or promise of performance not included in this express written warranty, and Marquis Corp. shall not be bound by any such additional warranty, representation or promise.

3. This warranty does not include or cover the following:
   - Component parts or accessories not manufactured by Marquis Corp. which are covered by separate manufacturers' warranties;
   - Indirect, consequential or incidental damages including, but not limited to the cost of removal of the spa from any Installation or damages for restoration or repair of any real or personal property incurred in connection with the exercise of any rights or obligations under this warranty.

IMPORTANT: Some states restrict the limitation or exclusion of consequential damages;
   - Labor or freight expense;
   - Fading, staining or weathering of the wood cabinet;
   - Damage to or fading or staining of the acrylic surface caused by impact, scratching, abrasive or corrosive cleaners, overheating or freezing of the spa water, natural mineral or chemical content of the spa water, water additives or treatments other than those prescribed in the owner's manual, failure to maintain proper water chemistry as recommended in the owner's manual and exposure to direct sunlight or ultraviolet rays;
   - Damage caused by improper handling, nonfactory installed accessories or fittings, installation, repair or...
LOCATION

17. For your portable spa to function properly and safely, it must be located on a hard, flat, level surface. Inground spas require special installation techniques and should be planned in conjunction with your Pacific Marquis dealer. Improper Installation can result in structural damage to the spa and a voiding of your spa warranty. Items to discuss with your dealer include local construction codes, electrical service requirements, accessibility and serviceability of equipment and components, present underground obstructions such as gas, water and telephone lines, safety measures such as fences and 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 wood skid and support structure and to provide adequate drainage of the equipment bay for the components.

Install to permit access for servicing the equipment from above or below any decks or floors.

Be sure the spa is in the final position BEFORE filling with water. Check for power cords, tools or hoses which may be caught underneath the spa.

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

SHUT-OFF VALVES

18. Your spa is equipped with two SHUT-OFF VALVES that can completely shut off the water flow to the support system for dealer servicing. 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 ALWAYS fully open with the handles fully extended.

TROUBLESHOOTING

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 Pacific Marquis Dealer for service. (Improper servicing by an unauthorized serviceman or spa owner could result in damage that will not be covered by the warranty or could cause serious injury.

SYMPTOMS

Equipment does not operate

Make sure the equipment bay door is completely closed (#15).

Check to see if the power cord is plugged in (120v operation) (#6).

Check the circuit breaker on the control box panel or in the main circuit panel (#21).

Check the SYSTEM switch for "ON" position (#22).

Check the FILTERING time clock switch for the CONTINUOUS OPERATION position (#26).

Test the GFCI to see if it has "tripped" (#8).

IMPORTANT: If the GFCI trips repeatedly, do not use the spa, and contact your Pacific Marquis Dealer.

Pump does not work (in low speed circulation)

Make sure equipment bay door is closed (#15).

Check that the shut-off valves are completely open (#18).

Flip the FILTERING time clock switch to CONTINUOUS OPERATION (#26).

Check SWITCH LINKAGE (#38).

Check for blockages or restrictions at the main drain and catch basket (#52).

Inspect the filter cartridge for dirt and debris. Clean or replace (#52).

Push the button marked on the Spa Side Control (#31).

Check the above items in "Pump does not work (in low speed circulation)"
**TIME CLOCK OPERATION (General)**

The clock will continue to keep the correct time for several hours even after the power supply is removed. However, the time will not be recorded in the clock if the clock is turned over or knocked.

**SYSTEM ON/STANDBY SWITCH**

Your Pacific Marquis dealer has a preset position. Do not change this setting. To reset the clock time, return the switch to the position where the time is set. If the switch is moved before the time is set, the clock will not reset.

**SYSTEM CIRCUIT BREAKER**

If the circuit breaker trips, please refer to your system's manual for instructions.

**HEATER HIGH LIMIT SWITCH**

The heater high limit switch is designed to prevent over-heating of the heater. If the temperature of the heater exceeds a certain limit, the switch will shut off the heater.

**PROTECTION CIRCUIT**

The protection circuit is designed to prevent damage to the system in case of an overload.

**RESET**

Push to reset.

**NOTICE**

Do not use the system as a spa.

**WASTE**

Clean the spa filter cover (n91).

**SECURITY**

Clean the system switch (n12).

**SPA MAINTENANCE SCHEDULE**

- **Every Six Months**
  - Clean the spa filter
- **Every Three Months**
  - Check the system switch
- **Monthly**
  - Check the system switch
- **Weekly**
  - Check the system switch
- **Daily**
  - Check the system switch
  - Check the water level
  - Check the water temperature
  - Check the pump
  - Clean the filter

**Cover**

The water area, including the entire spa and pump, should be protected with a protective cover to prevent damage from the elements.

**Cleaning**

- Remove any residual water from the spa.
- Wipe down the exterior surfaces with a damp cloth.
- Clean the filter with a vacuum cleaner.
- Use a solution of mild detergent and water to clean the exterior surfaces.
- Rinse the filter with clean water.
- Replace the protective cover.
a sparkling clear, clean condition with the ideal chemical distribution. The temperature of the water can be automatically controlled to be ready to use whenever desired, either every day or evening, or only on selected days. The two time clocks operate independently of each other and may be overlapped at any time without disturbing the time clock settings.

ADJUSTING THE TIME CLOCKS
24. Please note that anytime the circuit breakers are shut off or the spa power cord is removed from the outlet, the clocks will need to be reset to actual time of day.

FILTERING TIME CLOCK
(24-Hour Operation)
25. CLOCK SET POINT: Rotate outer clock ring clockwise and set correct time of day opposite Set Point arrow.

TIME CLOCK LUGS: (Each lug represents 15 min.) Push inward toward center of clock to set ON times. Any combination of cycles is possible. The example shows ON at 11:00 a.m. and OFF at 1:30 p.m. To cancel settings, push outward on the lugs.

For an initial setting, try four (4) 60-minute ON settings spaced evenly around the clock. For example, 10:00 a.m. to 11:00 a.m., 4:00 p.m. to 5:00 p.m., 10:00 p.m. to 11:00 p.m., 4:00 a.m. to 5:00 a.m. Wait a few days and adjust as necessary to maintain sparkling clear water with a minimum of ON times.

FILTERING BYPASS SWITCH
26. In the TIMER CONTROL position, the time clock has control and will start and stop the filtration cycle as determined by the settings of the FILTERING TIME CLOCK lugs (#25).

In the CONTINUOUS OPERATION position, the filtration cycle will be continuous. This is desired following periods of heavy usage or when adding chemicals.

The time clock settings are not disturbed and timed cycles will begin again when this switch is returned to the TIMER CONTROL position.

- Lift out the filter cartridge. Note the position of the filter; the large hole faces DOWN.
- Clean the filter (#58).
- Replace the filter after cleaning thoroughly.

REFILLING
53. Fill your spa with fresh water from a garden hose (#37) while adding the necessary chemicals (#34). Remember, it is essential to shock chlorinate after each refill before entering and using your spa. Follow the same procedures as outlined in STARTING YOUR SPA (#35-#40).

SPA LIGHT BULB REPLACEMENT
54. To replace a burned out bulb, open the equipment by door to find the spa light access tunnel located at the rear of the equipment bay. The light housing is accessed by reaching through this tunnel.

Remove the lamp socket from the back of the light assembly by turning and pulling at the same time. Gently pull the bulb out of the lamp socket, and replace it with bulb, part #69-0436, available from your Pacific Marquis Dealer. Install the lamp socket back into the light assembly, and close the equipment bay door.

WINTERIZING
55. Your Pacific Marquis spa was designed for year round use and enjoyment and many people find the combination of hot water, hydrotherapy jets and cool air temperatures to be especially soothing. However, if you decide to discontinue the use of your spa for the winter, or for any other extended period of time, we suggest you follow the guidelines listed below.

- Turn thermostat to OFF position (#31) and place the SYSTEM switch to STANDBY (#22).
- Unplug the electrical cord or turn OFF the circuit breakers in the residence.
- Attach a garden hose to the hose bib and open the hose bib fully (#48) After the spa has drained, remove the garden hose but leave the hose bib in the open position.
AIR CONTROL VALVES

CONTROL

This switch is utilized to control the flow of air through the valves and ensure proper air distribution. The settings are as follows:

- 0: Water temperature at 80°F
- 1: Water temperature at 85°F
- 2: Water temperature at 90°F
- 3: Water temperature at 95°F

HEATER BYPASS SWITCH

This switch is used to bypass the heater when the heater is not required for operation. When the switch is in the OFF position, the heater is bypassed, allowing the water to flow through the system without being heated. When the switch is in the ON position, the heater is engaged and the water is heated.

HEATING TIME CLOCK (7-DAY)

This clock is used to set the desired heating times for the spa. The clock should be set according to the manufacturer's instructions and the desired operating times for the spa.
For those spas with dial air controls, the water action can be increased by turning the air control valves counterclockwise.

NOTE: Because heat loss occurs as air is injected into the water, close the air control valves completely when the spa is not in use.

**HYDROJETS**

**30.** Your spa is fitted with fully adjustable, directional hydrojets. The jet action can be directed 360° by aiming the swivel ball nozzle. The water flow can be regulated at each jet as follows:
- To restrict flow, twist the nozzle clockwise.
- To allow full flow, twist the nozzle counterclockwise.

If your spa is equipped with a cyclo-massage option, the control knob for this jet will be located next to the skimmer lid. By fully turning this knob in a clockwise direction you can concentrate the flow of water from the hydrojets through the cyclo-massage jet. To return the flow of water to the hydrojets, turn the knob 180° in a counterclockwise direction.

**SPA SIDE CONTROLS**

**31.** The Pacific Marquis SPA SIDE CONTROL places all of your spa's functions within arm's reach; the HEATER, THERMOSTAT, PUMP, SPA LIGHT, and BLOWER.

To adjust the spa's heat, turn the thermostat knob to increase or decrease the temperature. When the HEATER INDICATOR light is ON, the spa is heating.

**REGULAR MAINTENANCE**

**CEDAR SKIRTING**

**47.** The natural cedar skirting has been treated with a sealant at the factory. Additionally, the skirting should be treated bi-annually with Pacific Marquis' Cedar Care sealant for maximum weather protection.

**DRAINING THE SPA**

**48.** It is recommended to completely drain the spa AT LEAST four times a year. 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...


**WARNING:**

1. **OPERATION OF CONTROLS**

2. **OPERATING THE SPA**

3. **ENERGY COVER**

4. **PROPER BALANCE IS IMPORTANT**

5. **WATER CHEMISTRY GUIDELINES**

6. **CHEMICAL BALANCE TIPS**

7. **UNDERWATER SPA LIGHT**

8. **THE PROPER WAY TO USE THE SPA**

9. **CLEANING THE SPA**

10. **SAFETY PRECAUTIONS**

11. **SERVICE AND MAINTENANCE**

12. **REQUEST SERVICE OR MAINTENANCE**

13. **WARRANTY**

**ENERGY COVER**

- Ensure that the cover is securely fastened before use.
- Check for any cracks or damage before use.
- Keep the cover clean and free of debris.

**PROPER BALANCE IS IMPORTANT**

- Maintain the proper balance of chemicals in the water.
- Regularly test the pH and chlorine levels.

**WATER CHEMISTRY GUIDELINES**

- Use the correct amount of chemicals.
- Follow the manufacturer's instructions.

**CHEMICAL BALANCE TIPS**

- Keep the water clean and clear.
- Avoid over-chlorination.

**UNDERWATER SPA LIGHT**

- Use the underwater light to enhance the spa experience.
- Turn on the light for decoration.

**THE PROPER WAY TO USE THE SPA**

- Follow the manufacturer's instructions.
- Use the spa for relaxation and leisure.

**SAFETY PRECAUTIONS**

- Use the spa in a well-ventilated area.
- Keep children and pets away from the spa when not in use.

**REQUEST SERVICE OR MAINTENANCE**

- Contact a professional if the spa is not functioning correctly.
- Ensure the spa is clean and free of debris before use.

**WARRANTY**

- Read the warranty details carefully.
- Keep receipts and documentation for future reference.
Since water chemistry varies from region to region, you should refer to your Pacific Marquis Dealer for advice on how to best treat the water in your area.

Failure to maintain the proper pH (between 7.2 and 7.6) can cause eye burns, skin rashes and other discomforts as well as clogged pipes, staining and heater damage.

It is recommended that alkalinity be maintained between 100-150 ppm (parts per million).

Chlorine content should not exceed 3 ppm, except occasionally during “super chlorinating.” Super chlorination is used only to treat fresh water after completely draining the spa, and after periods of heavy use.

For guidelines on water hardness, refer to your Pacific Marquis Dealer. He carries a complete line of SPA PRO chemicals to ensure optimum use and enjoyment from your new spa.

STARTING YOUR SPA

35. Make sure power supply is off. On 120v systems the power cord must be unplugged and the SYSTEM switch on the front of the pack must be on “STANDBY” (#22).

On 240v systems the circuit breaker in the residence electrical panel must be off and the SYSTEM switch on the front of the pack must be on “STANDBY” (#22).

36. Check if properly wired for 120v-240v. (See wiring diagram in control box for additional instructions (#6).

- 120v-140v plug moved to proper location (per wiring diagram).
- All wire connections are tight.

37. Tighten all disconnects, close the hose bib (#48), open both shut-off valves (#18) and clean all debris from the spa.

Make sure the suction fitting cover is in place in the footwell of your spa. This unit is not to be installed without an approved suction fitting cover which prevents the entrapment of hair and other body parts. An approved fitting is supplied by the factory with your Pacific Marquis spa.

Fill the spa to the middle of the skimmer opening and shock chlorinate the water before entering and using the spa. It is essential that this shock treatment be done after each refill (#34).

38. Check the switch linkage adjustment to ensure that it has not loosened during shipping. Press each control button and verify that the control box switches are audibly clicking when the control button is pushed AND released. If the switch linkage has loosened during shipment, perform the following steps to return it to its proper adjustment:

- Loosen set screw on coupler button.
- Position coupler button over switch (bottom of coupler button must JUST clear the switch).
- Rotate rod ¼ turn and tighten set screw on coupler button.

39. MAKE SURE THERMOSTAT IS IN "OFF" POSITION!

40. Turn electrical power on to the spa. On 120v systems, plug in the power cord and flip the “SYSTEM” switch to “ON” (#22).

On the 240v systems, flip the circuit breaker in the residence electrical panel and the “SYSTEM” switch to “ON” (#22). Close the Equipment Bay door.

CONVERSION FROM 120V TO 240V

To convert 120v units to 240v usage complete the following steps:

A. Remove small front cover of the electrical control box (#6).
B. Disconnect factory supplied 120v cord from the terminal block and remove the cord strain relief grip and the 120v cord from the control box.
C. Move 120v-240v conversion plug to proper location (#36).
D. Install properly sized three wire plus ground 240v field supplied wires into the terminal block per the diagram.

NOTE: All 240v field supplied wires must be sized and installed in accordance with any and all national, state and local electrical requirements in effect at the time of installation or conversion.