



# MIRAGE LE CONTROLS & EQUIPMENT

- **SN:**
  - 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.

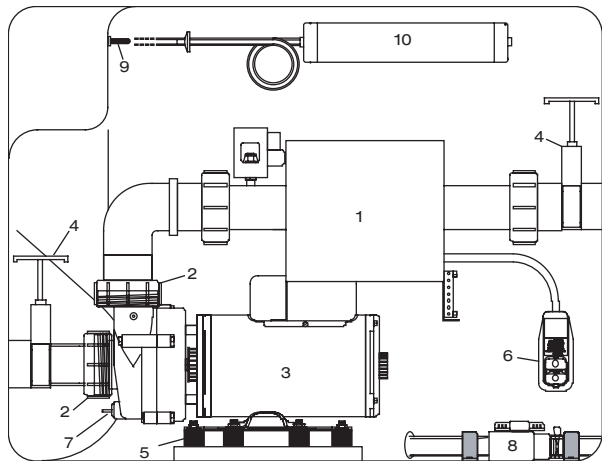
\* **Note:** In event of a power outage, all settings will revert to the preset, default settings.

## Pump Timeouts

Zone 1: Operating sequence is low speed, high speed, then off. If left running, the low speed will turn off after 15 minutes. If left running, the high speed runs for ten minutes then reverts to low speed for five minutes before turning off.

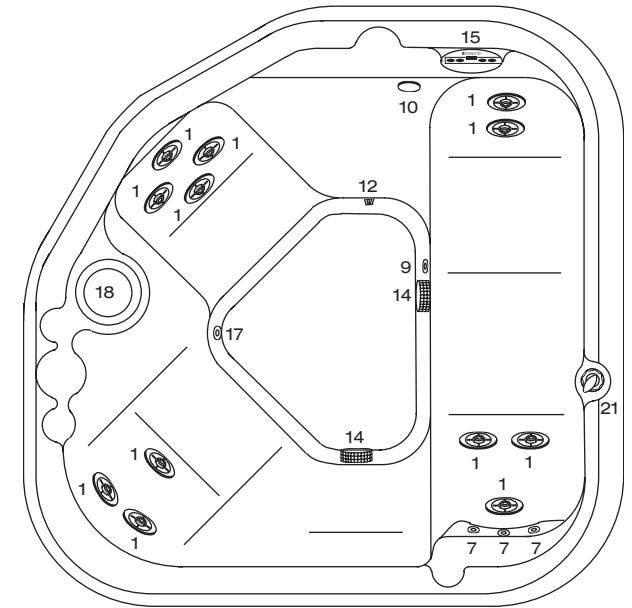
## MAXIMUM THERAPY SYSTEM

#	Therapy System Component	Quantity
1	Control Box & Heater	1
2	Pump Unions	2
3	Pump	1
4	Shut Off Valves	2
5	Motor Mounts	4
6	GFCI	1
7	Pump Plug	1
8	Drain Hose Ball Valve	1
9	Ozone Ready Fitting	1
10	Optional Ozonator	1



# THE MIRAGE LE

The Mirage LE features a distinctive diamond design to fit in a corner or a small space. The two-way lounge offers back and foot massage. Two bucket seats take advantage of interior space and offer intensive upper, mid and lower back therapy. Convenient 120V plug in system is convertible to 240V system. The Limited Edition features the low-maintenance DuraWood exterior.



#	Component Identification	Qty
1	Iso Boost Jets	12
7	Cascade Neck Jets	3
9	Ozone Injector Fitting	1
10	Light	1
12	Heat Sensor	1
14	Suction Fittings	2
15	Bather's Panel	1
17	Floor Drain	1
18	Filter Canister	1
21	Neck Jet Control Valve	1

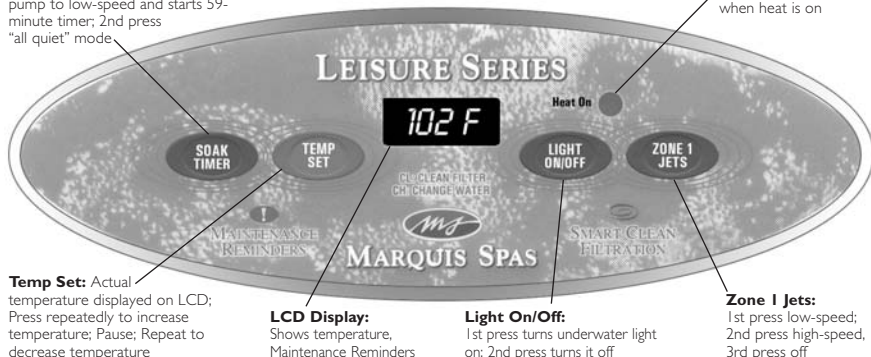
Physical Specifications	Size
Dimensions	78" x 78"
Height	31"
Depth	29.5"
Seating Positions	6
Weight Dry Lbs.	475
Weight Full Lbs.	2226
Water Capacity/Gallons	210
Total Therapy Jets	15



# MIRAGE LE 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

## 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.

## OPTIONAL WATERCOLORS

Press LIGHT pad to turn on step one. Press LIGHT pad again to turn off for one second. Then Press LIGHT pad again for step two. Repeat for all six options: 1-White, 2-Violet, 3- Blue, 4-Green, 5-Red, 6-Color wash of all colors.

## 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 two 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 one hour. See PROGRAM FILTER to adjust cycles.

### 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

The spa is ozonator ready. If you choose to have the optional ozonator installed, it will function whenever the pump is running on low-speed.



# MIRAGE LE CONTROLS

## 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.
- The LCD display will show either F1 (45 minutes), F2 (two hours), F4 (four hours), or F6 (six hours). Press the TEMP SET pad to scroll through the selections and then press the ZONE 1 JETS pad to enter.
- The display will now show either 2C (two filter cycles per day), 1d (one cycle per day that will start one minute after power up) or 1n (one cycle per day that starts 12 hours after power up). Press the TEMP SET pad to scroll through the selections and press ZONE 1 JETS pad to enter.
- The display will now show either 4H (four hour cycle), 3H (three hour cycle), 2H (two hour cycle), 1H (one hour cycle) or OH (smart cycle off). Press the TEMP SET pad to scroll through the selections and then press the ZONE 1 JETS pad to set and exit the programming mode.

Factory default settings for the above selections: Filtration time F2 (two hours); Filter cycles 2C (two times per day); Cleanup cycle "Smart Logic" 1H (one hour)  
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. The default temperature is 102° F.

## SOAK TIMER AND SOAK FEATURE

Pressing the SOAK TIMER 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 SOAK TIMER pad will turn off all functions (except light) for 30 minutes, if left uninterrupted, 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.

### OH:

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.