

Micro-SPA

• CE & AS / Single-Pump System •



The **Quick Reference Card** provides a summary of Micro-SPA's main functions and a quick overview of the operations accessible from your topside keypad.

Starting the pump:

Press **Pump** key to turn pump on at low speed. Press a second time to turn pump to high speed (with a dual-speed pump). A third time turns pump off. A built-in timer automatically turns pump off after 20 minutes, unless it has been manually deactivated.

 The "Pump" indicator lights up when pump is on at high speed. It flashes when pump is on at low speed.

Turning the light on:

Press **Light** key to turn light on at high intensity. Subsequent presses will change light intensity until it is turned off. A built-in timer automatically turns light off after 2 hours, unless it has been manually deactivated.

 The "Light" indicator is displayed when light is on at high intensity. It flashes when light is on at low intensity.

Setting water temperature:

Use **Up** or **Down** arrow key to set water temperature.

 Press and hold **Up** or **Down** key to increase or decrease Set Point. Set Point will be displayed during programming sequence.

Automatic water heater start:

When water temperature is 0.5°C lower than the Set Point, the heater will automatically turn on until water temperature reaches Set Point plus 0.5°C.

 The "Heater" indicator lights up when the heater is on.

Note: If your system is configured in High Current (HC) mode, the heater will not start if pump is running at high speed. If your system is configured in Low Current (LC) mode, the heater will not start if blower is on.

PROGRAMMING FILTER CYCLES

The system automatically performs one filter cycle every 24 hours. During a filter cycle, the pump will run for a programmed number of hours. The "Filter Cycle" indicator lights up when a filter cycle is on. To set filter cycles:



Press and hold **Light** key for 5 seconds. The display will show "Fxx", with "xx" representing the currently set filter cycle duration in hours.

Use **Up** or **Down** key to change setting from 0 to 24 hours.

When the setting you want is displayed, press **Light** key again. The display will show "dxx", with "xx" representing the delay before cycle starts.

Use **Up** or **Down** key to change setting from 0 to 23 hours. When the setting you want is displayed, press **Light** key again to confirm.

 **40-minute filter cycle time out:** If you turn pump or light on during a filter cycle, the cycle will be interrupted and will only resume 40 minutes after you (or the system) have turned the last active output off. The "Filter Cycle" indicator will flash.

TROUBLESHOOTING



The pump has started up for one minute on several occasions and "Filter Cycle" indicator is flashing.

Not a bug but a feature!

Our **Smart Winter Mode** protects your spa from the cold by automatically turning the pump on for one minute several times a day to prevent water from freezing in pipes.



3 flashing dots are displayed.

A problem has been detected.

Do not enter the water! Check and open water valves. Clean filter if necessary. Check water level. Add water if necessary. Shut power off and power your spa up again to reset the system.

Call your dealer or service supplier if problem persists.

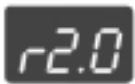


Water temperature is flashing.

Water temperature in the spa has reached 44°C.

Do not enter the water! Allow water to cool down. The system will reset automatically when water temperature reaches 43°C.

Call your dealer or service supplier if problem persists.



"r x.x" message is displayed.

At power-up, the "r x.x" message is displayed for a few seconds, with "x.x" indicating the soft revision of your system.

The display is flashing.

A power failure has occurred. Press any key to stop the LED flashing, then reprogram filter cycle to adjust start time.

French, German and Spanish versions available upon request.

Quick Reference Card



Micro-SPA

• CE & AS / Pump & Blower System •



The **Quick Reference Card** provides a summary of Micro-SPA's main functions and a quick overview of the operations accessible from your topside keypad.

Starting the pump:

Press **Pump** key to turn pump on at low speed. Press a second time to turn pump to high speed (with a dual-speed pump). A third time turns pump off. A built-in timer automatically turns pump off after 20 minutes, unless it has been manually deactivated.

- The "Pump" indicator lights up when pump is on at high speed. It flashes when pump is on at low speed.

Starting the blower:

Press **Blower** key to turn blower on. Pressing a second time turns blower off. A built-in timer automatically turns blower off after 20 minutes, unless it has been manually deactivated.

- The "Blower" indicator lights up when blower is on.

Turning the light on:

Press **Light** key to turn light on at high intensity. Subsequent presses will change light intensity until it is turned off. A built-in timer automatically turns light off after 2 hours, unless it has been manually deactivated.

- The "Light" indicator is displayed when light is on at high intensity. It flashes when light is on at low intensity.

Setting water temperature:

Up/Down arrow key is used to set water temperature.

- Press and hold **Up/Down** key to increase Set Point. To decrease, press and hold **Up/Down** key again. Set Point will be displayed during programming sequence.

Automatic water heater start:

When water temperature is 0.5° C lower than the Set Point, the heater will automatically turn on until water temperature reaches Set Point plus 0.5° C.

- The "Heater" indicator lights up when the heater is on.

Note: If your system is configured in High Current (HC) mode, the heater will not start if pump is running at high speed. If your system is configured in Low Current (LC) mode, the heater will not start if blower is on.

PROGRAMMING FILTER CYCLES

The system automatically performs one filter cycle every 24 hours. During a filter cycle, the pump will run for a programmed number of hours. The "Filter Cycle" indicator lights up when a filter cycle is on. To set filter cycles:



Press and hold **Light** key for 5 seconds. The display will show "Fxx", with "xx" representing the currently set filter cycle duration in hours.

Use **Up/Down** key to change setting from 0 to 24 hours.

When the setting you want is displayed, press **Light** key again. The display will show "dxx", with "xx" representing the delay before cycle starts.

Use **Up/Down** key to change setting from 0 to 23 hours. When the setting you want is displayed, press **Light** key to confirm.

- 40-minute filter cycle time out:** If you turn pump, blower or light on during a filter cycle, the cycle will be interrupted and will only resume 40 minutes after you (or the system) have turned the last active output off. The "Filter Cycle" indicator will flash.

TROUBLESHOOTING

	<i>The pump has started up for one minute on several occasions and "Filter Cycle" indicator is flashing.</i>	Not a bug but a feature! Our Smart Winter Mode protects your spa from the cold by automatically turning the pump on for one minute several times a day to prevent water from freezing in pipes.
	<i>3 flashing dots are displayed.</i>	A problem has been detected. Do not enter the water! Check and open water valves. Clean filter if necessary. Check water level. Add water if necessary. Shut power off and power your spa up again to reset the system. Call your dealer or service supplier if problem persists.
	<i>Water temperature is flashing.</i>	Water temperature in the spa has reached 44° C. Do not enter the water! Allow water to cool down. The system will reset automatically when water temperature reaches 43° C. Call your dealer or service supplier if problem persists.
	<i>"r x.x" message is displayed.</i>	At power-up, the "r x.x" message is displayed for a few seconds, with "x.x" indicating the soft revision of your system.
	<i>The display is flashing.</i>	A power failure has occurred. Press any key to stop the LED flashing, then reprogram filter cycle to adjust start time.

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