



12.0 Programming Instructions

12.1 Programming Filter/Circulation Pump








The control system allows you to easily adjust two separate aspects of filter/circulation pump operation:

- The time of day (start time) the filter/circulation pump turns on.
- The length of time (duration) the filter/circulation pump operates.

The factory default start time is 12:00AM (midnight). The recommended factory duration is **12 hours**. To make adjustments:

- Standard Mode - in this mode, press the **(CYCLE)**  button once;
- Economy Mode - in this mode, press the **(CYCLE)**  button five times to enter the filter/circulation pump programming mode.

The LCD screen will display “Circ.” At this time the system is ready to accept your changes.

1. Press the **(SELECT)**  button once. The previously programmed start time appears on the LCD display.
2. Press the **(UP)**  or **(DOWN)**  button to adjust the start time in 30-minute increments.
3. Press the **(SELECT)**  button to program duration.
4. Press the **(UP)**  or **(DOWN)**  button to program the duration time in 1 hour increments.
5. Press the **(DISPLAY)**  button to save changes and recall the main water temperature display.




Note: If no button is pressed within 30 seconds, all changes are recorded and the screen automatically returns to the standard water temperature display. When the standard mode is selected (Section 11.3), the filter/circulation pump automatically turns on for a heat call regardless of the pump's programmed start time and duration.

12.2 Programmable Filter/Heating Cycles (Economy Mode Only)

Your hot tub comes with four 30-minute filter cycles which activate the filter/circulation pump while in economy mode. These cycles are factory programmed to start at 6:00 AM, 12:00 (noon), 6:00 PM, and 12:00 (midnight). The control system allows you to easily adjust two separate aspects of each cycle:


- The time of day at which it begins;
- The duration of the cycle.

Note: When “Economy” mode is selected (Section 11.3), the heater activates only during a programmed filter cycle period. When a Summer Logic condition is active (page 55), the filter/circulation pump will turn on for all programmed filter cycles.

2. Press **(SELECT)**  button once to display the currently programmed duration or to view days elapsed since last filter cleaning interval.
3. Press **(UP)**  or **(DOWN)**  button to change duration setting as follows: 0 - 10 - 20 - 30 - 40 - 50 - 60 - 70 - 80 - 90 - 100 - 110 - 120 - OFF.





Note: Selecting "0" forces the Change Filter reminder icon to stay on indefinitely.

4. Press **(DISPLAY)**  button once to save changes and return to the standard water temperature display.




Note: If no button is pressed within 30 seconds, all changes are recorded and the screen automatically returns to the standard water temperature display.


12.8 Programming the CLEARARRAY® (Ultraviolet) Water Purification System



To access the programming options follow the step below.


- Standard Mode - in this mode, press the **(CYCLE)**  button three times;
- Economy Mode - in this mode, press the **(CYCLE)**  button seven times to enter the programming mode.


The LCD screen will display "U." At this time the system is ready to accept your changes.

1. Press the **(SELECT)**  button once. The current status of the CLEARARRAY System appears on the LCD display, either "ON" or "OFF."
2. Press the **(UP)**  or **(DOWN)**  button to change the status of the CLEARARRAY System from either "ON" to "OFF."




Note: If the "OFF" option is selected, then there is no need to continue with the steps below. Selecting "OFF" disables the duration countdown timer. Press the **(DISPLAY)**  button to return to the water temperature display.

3. Press the **(SELECT)**  button to access the duration countdown timer.
4. Press the **(UP)**  button to program the duration countdown timer to 365 days. **If the timer is not at "0" pressing the "UP" button will not reset it.**

Note: You can only program the duration if the number of days is at "0" days or the LCD display is flashing "blb." Pressing the **(UP)**  button at any other reading will not change it.

5. Press the **(DISPLAY)**  button to save changes and exit back to the water temperature display.

Note:

- Flashing “blb” message: When the time allotted has expired (365 days) the display screen will flash between the water temperature and “blb.” At this time the UV bulb must be replaced, the quartz tube must be cleaned and the duration countdown timer needs to be reset.
- If the spa power is interrupted, the timer is not affected. The number of days remaining is stored in the memory and will continue to countdown once power is regained.
- If you press the **(UP)**  button to “ON” then press the **(DOWN)**  to “OFF” and press the **(UP)**  button to “ON” again, you will reset the timer back to 365 days.

13.0 Hot Tub Maintenance

Proper and regular maintenance of your hot tub will help it retain its beauty and performance. Your authorized Sundance Spas dealer can supply you with all the information, supplies, and accessory products you will need to accomplish this.



DANGER: RISK OF SEVERE INJURY OR DROWNING BY ENTRAPMENT!

- Keep hair, loose articles of clothing or hanging jewelry away from suction fittings, rotating jets or other moving components to avoid entrapment that could lead to drowning or severe injury.
- Never use the spa unless all suction guards, filter, filter lid, or skimmer assembly are installed to prevent body and/or hair entrapment.
- Never operate or use the spa if the filter, filter lid, or skimmer assembly are broken or any part of the skimmer assembly is missing. Please contact your dealer or nearest service center for service.
- The suction fittings and suction covers in this spa are sized to match the specific water flow created by the pump(s). If it is necessary to replace the suction fittings, suction covers or pump(s), be sure that the flow rates are compatible and are in compliance with the VGB Safety Act, page 2.
- Never replace a suction fitting or suction cover with one rated less than the flow rate marked on the original suction fitting. Using improper suction fittings or suction covers can create a body or hair suction entrapment hazard that may lead to drowning or severe injury.
- Owners must alert all spa users to the potential risk of Hair, Limb, Body, Evisceration (disembowelment), and Mechanical Entrapment, page 6.

13.1 Cleaning/Replacing the Filter Cartridge

A programmable “Change Filter” reminder icon flashes on the control panel display after a specified number days to remind you to perform routine maintenance on your filter system. This reminder must be reset at each interval. Refer to Section 12.7, for additional information and programming details.



Your Sundance hot tub is equipped with a two-stage MICROCLEAN® Ultra filter cartridge assembly under the filter lid (Sections 9.3-9.24 pages 24-45). Debris is filtered by the filter/circulation pump drawing water through the filter assembly **12 hours** a day, 7 days a week (unless programmed otherwise). To ensure optimum performance, clean the outer pleated filter and center insert monthly. Then replace the center insert every 6 months, or as needed thereafter. Refer to procedure below for details.

Filter/
circulation
pump off

1. Verify filter/circulation pump is programmed to run **12 hours** a day (page 54).
2. Filter/circulation pump cycle canceled by power interruption. Wait 24 hours for hot tub to reset or press select button for manual activation.
3. Hot tub water is warmer than 95°F (35°C) and two degrees warmer than the set temperature. The “Summer Logic” safety feature has activated. See note on page 55 for details.

Should checking the above steps fail to correct the problem, please call your authorized dealer so that he may arrange service.

Sundance builds the best hot tubs in the industry. Nonetheless, we are always striving to improve the quality and features of our products. Your input as a Sundance hot tub owner is a cherished part of this process. If you have any comments or suggestions, or if you wish to be informed on any new products for your hot tub, please write to us.

CONGRATULATIONS on your good taste and welcome to the happiest and most relaxed family in the world!