

CONTROLS REFERENCE GUIDE

Accent, Crossfire, Legend, Passport, Solstice · Illusion, Mirage, Vision (120VAC/240VAC Convertible pack)

Initial Start-up When your spa is first actuated, it will go into priming mode, indicated by “Pr.” The Priming mode will last for less than 5 minutes and then the spa will begin to heat the spa and maintain the water temperature in the Standard mode.



Temperature Adjustment can only function between 80°F - 104°F / 26°C - 40°C

The start-up temperature is set at 100°F (37°C). The last measured temperature is constantly displayed on the LCD.

Note: the last measured spa temperature displayed is current only when the pump has been running for at least 2 minutes.

To display the set temperature, press firmly on the “Up” or “Down” pad once. Each time either pad is pressed again, the set temperature will increase or decrease depending on which pad is pressed. After three seconds, the LCD will automatically display the last measured spa temperature

Jets

Firmly press the “Jets” button once to activate the low speed of the pump and again for the high speed. Firmly press the “Jets” button again to turn off the pump. If left running, the low speed of the pump will automatically turn off after 4 hours, and the high speed will automatically turn off after 15 minutes. The low speed of the pump may also activate for at least 2 minutes every 30 minutes to detect the spa temperature and then to heat to the set temperature if needed, depending upon mode. When the low speed turns on automatically, it cannot be deactivated from the panel; however, the high speed may be started.

Light

Firmly press the “Light” button to turn the light on and off. If left on, the light automatically turns off after 4 hours.

Operational Modes

The default operational mode is preset from the factory for Standard Mode. In order to be programmed into either alternative Economy or Sleep modes as described below dipswitch #7 on the power supply board must be moved downward into the “off” position as described on Page 9.

Mode is changed by pressing the “Up” or “Down” button, then pressing the ‘light’ button.

Standard Mode is programmed to maintain the desired temperature. Note the last measured spa temperature displayed is current only when the pump has been running for at least 2 minutes.

St” will be displayed momentarily when you switch into Standard mode

Economy Mode heats the spa to the set temperature only during filter cycles.

Ec” will display solid when temperature is not current, and will alternate with temperature when temperature is current.

Sleep Mode heats the spa to within 20° F (6.6° C) of the set temperature only during filter cycles.

SL” will display solid when temperature is not current, and will alternate with temperature when temperature is current

Output Voltage for all pumps is 120 VAC on domestic units.

Preset Filter Cycles

The first filter cycle begins 6 minutes after the spa is energized. The second filter cycle begins 12 hours later. Filter duration is programmable for 2, 4, 6, 8 hours or for continuous filtration (indicated by "FC"). The default filter time is 2 hours. To program, press "Up" or "Down," then "Jets." Press "Up" or "Down" to adjust. Press "Jets" to exit programming.

The low speed of the pump runs during filtration and the ozone generator (if installed) will be enabled.

Freeze Protection

If the temperature sensors detect a drop to below 45°F (7° C) within the heater, the pump will automatically activate to provide freeze protection. The equipment stays on until 4 minutes after the sensors detect that the spa temperature has risen to 45°F (7° C) or higher. In colder climates, an optional additional freeze sensor may be added to protect against freeze conditions that may not be sensed by the standard sensors. Aux freeze sensor protection acts similarly except with the temperature thresholds determined by the switch and without a 4-minute delay in turnoff. See your dealer for details.



Warning! Shock Hazard! No User Serviceable Parts.

Do not attempt service of this control. Contact your dealer or service organization for assistance. Follow all owner manual power connection instructions. Installation must be performed by a licensed electrician and all grounding connections must be properly installed.



WARNING! DO NOT ENTER HOT TUB

Water is too hot. Overheat protection. Heater is deactivated. Spa water temperature is above acceptable limits. When the actual water Temperature is approximately 2° F (1° C) above the set temperature, the circulation pump will stop operating to reduce (frictional) heating. If the spa water temperature continues to rise and gets above 112° F (44°C), the spa will go into an "OH" overheat condition.

To correct Condition:

1. Remove the spa's cover and allow your spa to cool down.
2. Reduce the temperature setting.
3. When the water temperature drops below 106° F (41°C), the spa will resume normal operation.
4. If the water does not drop below 106°F (41°C), contact your authorized dealer.

Refer to the SUV M-7 Control Reference Card provided by Freeflow in your packet.

* Note: Freeflow has designed the control panel, topside, to include:

- 1) Jets button
- 2) Light button
- 3) Down heat button
- 4) Up Heat button

(Freeflow spas currently do not have or offer air blowers.)

