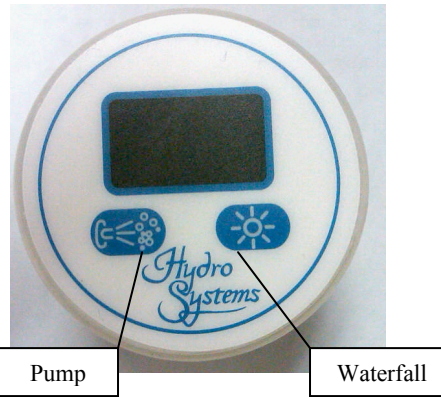


The 2-Button C7 System:



Control Features:

- Programmable run-timer
- Variable Speed Pump with Wave mode
- 7-Segment digital water temperature display
- High water scalding alarm
- Waterfall ON/OFF

The Programmable System Run-Timer:

In order to run the pump operation, the run-timer must be programmed by pressing button 1. If button 1 is pressed and held, the timer will scroll through the programmable times. Release the button on the desired amount of run-time. The maximum programmable time is 30-minutes. If the light device is on when the main run-timer is programmed and the light time remaining is less than the programmed run-time, the light will remain on until the system run-timer expires.

Variable Speed Pump Operation:

Variable speed pump control is worked into a one-button operation. Pressing and releasing the button will turn the pump speed full ON or full OFF depending on the current state of the pump. To vary the speed of the pump, pressing and holding the button will start the pump at high speed and after 3 seconds begin to decrease down to the lowest speed. The digits on the display will indicate the speed numbers down to the lowest speed setting. A release of the button on a particular setting will stop the pump's speed adjustment and remain on the selected speed setting. A continuous hold of the button for 2 seconds while in lowest speed (SP1) will activate the 'wave mode' feature of the pump. 'WA' is shown on the digital display to indicate that the 'wave mode' has been activated, release the button and the system will remain in the 'wave mode'. If a variable speed pump is active, a press and hold of the pump button will always return the pump to full speed, and cancel any activated 'wave' modes.

Digital Water Temperature Display:

Once the system detects the presence of water, the digital display will show the temperature of the water. This indicates the pump motor is available for activation.

High Water Scalding Alarm Feature:

If the temperature of the detected water exceeds 111 degrees Fahrenheit, 'too' 'hot' will flash on the digital display. All function activation except the light device will be prohibited. If the over-temperature is detected while a motor is functioning, then the motor operation will be automatically shut down. Once the temperature no longer exceeds the high limit, the system will allow the run-timer to be re-programmed.

The Waterfall Operation:

The system pump must first be active for the waterfall to function. Pressing and releasing the waterfall button turns the waterfall feature ON, pressing and releasing the button a second time turns the waterfall feature OFF. If the waterfall is operating when the pump is shutdown, then the waterfall will automatically turn OFF.

