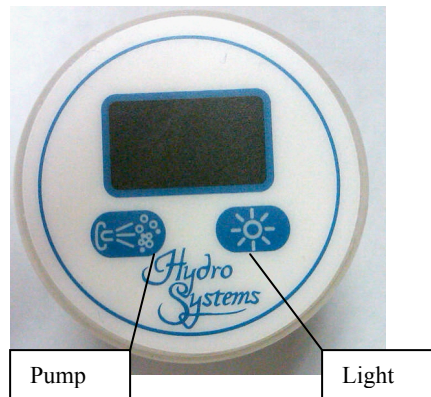# The 2-Button C1 System:

Pump   Light

Control Features:

- Pump ON/OFF with water sensor
- Light device ON/OFF control with built in 30-minute light timer
- 7-Segment digital water temperature display
- Programmable run-timer
- High water scalding alarm

Light Operation: (Optional)
Pressing and releasing the light button activates the light; a second press deactivates the light. Once the light has been activated, an internal light timer is set to 30-minutes. If the light is left on for 30-minutes it will automatically be shut down.

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.

Single Speed Pump Operation:
Once the system run-timer has been programmed, the pump is available for activation. Press button 1 to turn the pump ON and press button 1 again to turn the pump OFF.

Digital Water Temperature Display:
Once the system detects the presence of water, the digital display will show the temperature of the water. The pump motor is then 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 the pump is functioning, then the pump 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.

HYDRO SYSTEMS, INC.