

# Meter Control Owner's Manual

## Bubble Up XP and Bubble Up Jr. XP

Part Number BUB080



### DISPLAY OPERATION

The display on the meter control system displays the following information by pressing the corresponding buttons. These are (working from left to right across the display):

- Flow (gallons per minute): Displays current flow rate.
- Total Flow (gallons): Displays total gallons treated since last meter reset.
- Peak Flow (gallons per minute): Displays highest flow rate since last meter reset.

The display also has three warning lights:

- Green Light: System is plugged in and fully functioning.
- Yellow Light: Will blink when system is at 80% of threshold gallons.
- Red Light: Will blink when system is at 90% of threshold gallons.
- At 100% threshold capacity the red light will blink, and beep three times every 15 seconds. The beep can be silenced by pushing any button, and will remain silent for two days.

## SET UP MODE

*Upon installation, the system is pre-programmed from the factory.*

*Pressing all three buttons of the display simultaneously enters the Program Mode:*

- Flow: Toggles to next screen, also acts as the Enter Button.
- Total Flow: Toggles the values **up**.
- Peak Flow: Toggles the values **down**.

### *Screen One: **Clear Memory***

- Should be cleared at initial setup and to restart threshold gallons countdown.
- Toggle Total Flow or Peak Flow button to YES.
- Toggle Flow button to enter and proceed to next screen.

### *Re-enter program mode*

- Toggle Total Flow or Peak Flow button to NO.
- Toggle Flow button to enter and proceed to next screen.

### *Screen Two: **Pulses***

- Should be factory set at 83 pulses.
- Toggle Total Flow or Peak Flow button to 83.
- Toggle Flow button to enter and proceed to next screen.

### *Screen Three: **Threshold***

- Should be factory set at 80 which translates to 80,000 gallons.
- The threshold is set for an estimated yearly service reminder for 4 people using 50 gallons per day each.
- This threshold can be set for each application at this time.
- Toggle Total Flow or Peak Flow button to desired threshold.
- Toggle Flow button to enter and proceed to next screen.

### *Screen Four: **Set***

- This is the scale for the 4-20 ma output connection on the PC board.
- There is no factory setting.
- Toggle Total Flow or Peak Flow button to desired GPM scale range.
- Toggle Flow button to enter and proceed to next screen.