Gen III Tankless Unit with PRO-CAP – Refill Procedure

Replenishing Insecticide Concentrate in Gen III

- The electronic Smart Cap on the insecticide bottle contains a "virtual volume" representing the amount of concentrate left in the bottle. Each time the unit doses insecticide from the bottle into the batch tank, the remaining "virtual volume" in the bottle is reduced. When the "virtual volume" equals 0, EMPCAR (empty cartridge) is displayed, the LED on the unit will flash, and it is time to replenish the insecticide.

- In a Gen III, the Smart Cap is called a PRO-CAP, and it is programmable. In addition to refilling the "virtual volume" in the bottle, you are also able to program the dose rate and agitation time, which may vary with the conditions or the insecticide you are using. Access to the PRO-CAP's information is secured by a pin code which is established when the unit is originally set up. If you do not know the pin code for the PRO-CAP, you will need to acquire a replacement.

- **Follow these steps to replace an empty bottle with a full one:**

    1. ***Remove the empty bottle from the unit:*** Pressing the dark gray button on the coupler in the well on the inside left will free the empty bottle for removal. Remove and retain the PRO-CAP and set the empty bottle aside for disposal.

    2. ***Prepare full bottle and snap into coupler:***

        - Remove factory cap and seal from pour port.

        - Thread PRO-CAP onto pour port, ensuring it is not cross-threaded or too tight.

        - Vent the bottle by removing seal on vent port so that bottle does not collapse as insecticide is pumped out.

    3. ***Reset*** **the "virtual volume" to Full:**

        - EMPCAR (empty cartridge) continues to appear in display. Navigate to MAINTENANCE Menu, scroll to PC Cde. (PRO-CAP Code) Depress Green ► button 5 seconds to enter the programming routine.

        - Use the ▲ and ▼ buttons to input your pin code, locking in each digit and moving to the next by pushing the Green ► button. If the code you enter does not match, INV cod (Invalid Code) will appear in the display and the system will prompt you to re-enter it. When you lock in the fourth digit of the pin code and push the Green ► button, MIX will appear in the display.

        - Set MIX ratio (parts water to 1 part concentrate) to target. See Dosing and Replenishment Frequency Calculator at www.mistaway.com to establish MIX target. Default is the value that was entered in the most recent programming. Push Green ► button to advance. AGT will appear in the display.

        - Set the AGT time for which the unit will agitate the contents of the mixing vessel prior to each programmed and remote mist event. Default is 15 seconds. Range is 5 seconds to 120 seconds. Push Green ► button to advance.

- Set bottle size (BOT) in ounces. Default is 64 oz. Range is 2 to 256 oz. Push Green ► button to advance

- Set LEVEL in the bottle. Eight bars indicate a full bottle of the size entered in previous step. Four bars indicate bottle is ½ full.

- Push Green ► button and WAIT will be displayed while the data you entered is stored on the PRO-CAP. If you exit the routine at any other point, you will not see this display and the PRO-CAP will not have been reprogrammed.

- VENT will be displayed. Confirm you have vented the bottle by pushing Green ► button.

- Ensure that ▲ at top of display, indicating System Mode, is pointing to the desired mode, usually, AUTO Everyday.

4. ***Dispose of the empty bottle***: Strictly follow label instructions regarding disposal of the empty bottle. Most will require triple rinsing and puncturing the bottle.