



Drip Dispenser Instructions



For use in food service facility drain lines, professionally serviced residential drain lines, and other appropriate drain lines. The Drip injection system is programmed to inject a metered dose of highly concentrated microbial solution for 30 days to provide a consistent microbial coating in treated drain lines. This continuous dosing of the drain line maximizes microbial effectiveness. The cartridges are for use with the Drip Dispenser (dispenser is 4.65" wide x 9.5" high x 3.15" deep). Needs 9" clearance for door to open.

Instructions:

A. Determine best location to mount the Dispenser (1).

For best results mount dispenser to wall using mounting screws. A two sided adhesive pad has been supplied for mounting without drilling.

1. Drill 1/4" hole (use appropriate masonry or tile drill bit).
2. Insert large mounting screws (9) and large wall anchors (8).
3. Open door with key (10) attached to back of dispenser.
4. Mount dispenser to wall.

B. Install the drip tube.

1. Attach the drip tube (13) to the dispenser.
 - a. Place soft connector (2) into compression nut (3)
 - b. Place nut (3) over tube with metal tip (14).
 - c. Push tube with metal tip (14) into bottom of dispenser completely.
 - d. Tighten with hex wrench (11).
 - e. Insert end of drip tubing (13) into end of tube with metal tip.

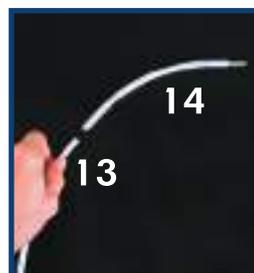
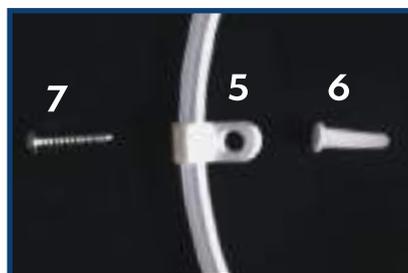
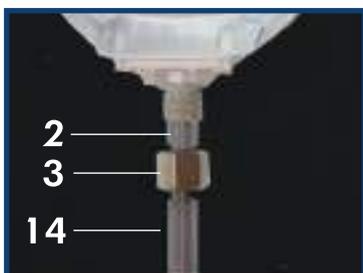
2. Anchor the drip tube.
 - a. Secure the drip tube (13) to wall with P clips (5) using small mounting screws (7) and small wall anchors (6)

3. Air gap drain installation

- a. Run drip tube directly into floor drain or floor drain pipe if pipe is above floor level. Ensure the drip tube runs several inches into the pipe and does not just drip into the reservoir around the pipe. Secure the drip tube to the pipe at several locations with zip ties (not included – **11" recommended**) to ensure the bacteria is dripping directly into the drain pipe.
- b. To ensure tube is not a trip hazard, secure tube to floor with **duct tape** or cover with a floor mat.

4. Standard drain line installation

- a. Identify the injection point
- b. Drill a 3/8" hole into the drain line at a downward angle.
- c. Using an open end wrench, screw in the base of the compression fitting.
- d. Slide the compression cap over the drip tube.
- e. Fit the end of the drip tube over the tip of the compression fitting base. Slide the compression fitting cap down the tube and hand tighten
- f. Using a crescent or open end wrench, hold the fitting base. Using another wrench, tighten fitting enough so that the tube will not be pulled out of the compression cap.
- g. Use plastic zip ties (not included) to secure drip tube to drain line pipe at several points.



Compression Fitting Open Position



Compression Fitting Closed Position

C. Operating the dispenser:

1. Insert 2 "C" cell alkaline batteries (not included).
2. Place green actuator adapter into dispenser (green actuator adapters are included in the MicroDrip cartridge box.)
3. Insert MicroDrop cartridge into dispenser by aligning the actuator on the cartridge into the green actuator adapter. Ensure the green actuator adapter is firmly in place.
4. Press RED POWER button. Display will appear in the LCD screen.
5. Press the GREEN RENT button until the LCD DISPLAYS 30. When the 30 displays it will remain for 4 seconds and then revert to next spray countdown (countdown default = 14:00 minutes). **WARNING: if an alarm sounds check to make sure the green actuator adapter is firmly in place, batteries are placed properly and the cartridge is securely in place.**
6. Close cover.
7. Dispenser will operate per preprogrammed cycle 24/7.

D. Monthly Service (Changing Cartridges)

1. Replace cartridge monthly, following instructions above. Do not remove green adapter in dispenser.
2. Replace batteries twice a year. Each time batteries are replaced the green rent button must be pressed until the LCD displays 30, to reset the automatic timer.

E. As with all injection systems it is recommended that the tubing be monitored for buildup and replaced as needed.



Programming Control Panel

4
Power Button
(Turns unit on and off)



5
Rent Button
(Scrolls through options)

Placement Considerations:

To avoid water damage and possible malfunction, the dispenser should be installed outside splash zones. In order for the dispenser to achieve optimal results, they should be installed at drain lines with consistent water flow to enhance the delivery of the microbial formula. Since the formula is so heavily concentrated, the amount dispersed does not contain enough water to travel down the line via gravity alone. Additional force is applied with natural water use. When installing units in three-compartment sinks, ideal placement depends on the main concern.

- Foul odors in the indoor grease trap - install dispenser before the grease trap.
- FOG buildup in the drain line - install dispenser after the indoor grease trap if possible (under ground trap requires placement before the trap)
- Odor & FOG – Use Drain Relief Pill and install dispenser after grease trap if possible (under ground trap requires placement before the trap)
- Try not to treat dishwasher drain lines. 140° water liquefies grease and keeps the line clear.

Standard Installation



Air Gap Installation



More information available at:
www.microdrip.com and www.biostim.com.
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