

Why is CRM Delivery system an improvement over liquid?

1) Regular administering in a structured program is necessary to maintain a high reproductive colony that can overcome the inherent load/flow.

2) Mechanical/Pump systems are labor and parts/repair intensive. Equipment interruptions due to electrical loss represent 85-90% of an automated delivery system failure. The remaining failures (10-15%) can be traced to contamination or sanitation interruptions.

To lessen failures, companies have implemented battery backups, alarms, rebates and other "failsafe" programs. Other biological manufacturers have initiated expensive "educational literature programs" to orient the user. Some manufacturers have gone from liquid administration programs to pre-measured, dry 7-day enzyme packets. The problem with these once-a-day programs is the efficiency and success of the effort is dependent on user participation each day. The results are most often days or weeks whereby the drain system goes untreated.

3) WMT's patented CRM delivery system works off the principal of regeneration:

1. The premeasured charge is purposely positioned offset the main sink discharge to limit erosion.
2. Through capillary action, the dry microbe selection solubilizes slowly and weeps into the proprietary wick assembly to repeatedly inoculate the water over a 30-day flow.
3. Because the biology is housed in the drain, biomass is produced throughout the life of the charge and administration occurs daily.
4. Energy independent.
5. This comprehensive administration plan has not witnessed a single failure in the field since its introduction 3½ years ago. Simplicity: the reason for success.

Installation of Dispenser

1. Installs under the wash or rinse basin in a triple-bay sink — never install under sanitizing basin.

2. Flexible fittings allow for the unit to be installed without having to worry about exact alignment with existing plumbing.

3. Requires only a short interruption in the normal kitchen activities — only takes 20 to 30 minutes to install.

Design of Dispenser

1. The dispenser is a totally non-mechanical device, thus eliminating interruptions in service due to a power failure, lighting, etc., and avoiding the situation where a service person has to make a call to reset the timer or reprogram the operational logic.

2. The probe, in which the chemical charge is housed, is offset from the flow of water from the wash basin. The probe is purposefully designed to prevent excessive erosion of the chemistry, which is not administered by water flowing over the probe. It is administered as water which, when released from the wash basin, picks up the dissolved chemistry in the bottom of the dispenser, carries it through the drain lines and into the grease trap.

3. A re-usable blanket wraps around the probe to serve as a pad through which the activated chemistry weeps.

Benefits of the CRM System

1. The CRM unit serves as a p-trap and interceptor — any foreign object that goes down the drain is trapped in the base of the dispenser.

2. The unit provides immediate access to foreign objects in the plumbing without having to "break" into the lines.

3. Normally, human intervention is required only once a month since the chemical charge will effectively treat a typical 1,000-gallon grease trap for about 30 days.

4. The CRM dispenser is Very User-Friendly!

WMT

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