

"E" Liminator Chemigation Systems



Where Innovation Flows



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Robust, Economical Solutions for Chemical Feed Applications

"E" LIMINATOR CHEMIGATION SYSTEM & 500-VS PUMPS

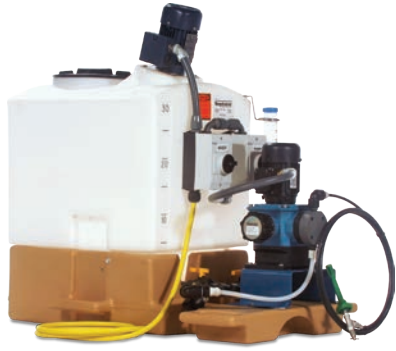
The Neptune™ "E" Liminator Chemigation System is a standard packaged chemical-feed system that was developed for chemigation applications that require portability. For rugged applications that require the use of heavier suspensions or high-viscosity chemicals, Neptune recommends using the Series 500-VS pump as part of the Chemigation System. This robust combination is ideal for handling viscous fluids to 5,000 cP and light slurries. For applications that are water-like to 3,500 cP, Neptune recommends the 7000Z NPA Series pump.

THE "E" LIMINATOR HAS BEEN DESIGNED TO ELIMINATE:

- Yield-robbing pests
- The high cost of competitive application methods
- Efficiency-harming waits for commercial applicators
- Soil compaction and crop damage
- Skips and overlaps
- Cumbersome system handling in small-volume applications

FEATURES & BENEFITS OF THE "E" LIMINATOR CIS-30:

- Full assembly with pump, tank, piping valves and strainer
- 30 gallon calibrated tank
- Molded base and handles for portability
- 3-phase, 460-volt motor control (500-VS available in 1-phase or 12-volt configurations)
- Calibration column marked in ounces and milliliters
- Mechanical mixer to agitate chemicals



Chemigation System with 7000Z NPA Series Pump

FEATURES & BENEFITS OF 7000Z NPA PUMPS:

- Rolling diaphragm for reduced stress and improved life cycles
- Extended stroke design for reduced thrust loads and energy consumption
- Minimized pulsation strike for extended life and wear
- Wetted parts of PVC, PVDF and 316SS
- Capacities from 5 gph to 11 gph (1.22 L/h to 144 L/h) at 150 psi (10.3 bar)
- Can handle clear liquids from water-like to 3,500 cP
- Lightweight pumps allowing for portability

FEATURES & BENEFITS OF 500-VS PUMPS:

- Large internal porting
- Large, single-ball suction check valve
- Standard flat PTFE diaphragm and FKM O-rings for enhanced chemical compatibility
- Variable Oil By-pass™ stroke adjustment for better performance than variable-linkage designs
- 316SS wetted parts with stainless-steel trim
- Capacities from 4 gph to 29 gph (15 L/h to 110 L/h) at 150 psi (10.3 bar)
- Able to pump high viscosity fluids to 5,000 cP like fungicides and viscous herbicides



Chemigation System with 500-VS Pump

Accessories

Optional accessories that can be included on the "E" Linator Chemigation System are:

NEPTUNE INJECTION QUILLS

Designed to inject chemicals into the turbulent flow near the center of the feed line, which results in more uniform dispersion. The injection quill mounts directly to the side-wall of lines that are 6 inches or longer. For smaller lines, the injection quill can be mounted to a coupling that is attached to a nipple that holds the quill near the center of the line.



Neptune Injection Quills

NEPTUNE DISCHARGE ASSEMBLIES

Discharge assemblies are designed with a connection point that features a self-sealing disconnect coupler for ease of use and enhanced safety. The outer covering is sealed at the discharge, while the inner tube is constructed of 3/8" polyethylene with a pressure fitting at each end.



Neptune Discharge Assemblies

NPT-10500-F-03


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