



INSTRUCTION MANUAL

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Introduction









The DrainPro is a versatile dosing system for all of your drain dosing needs. With a durable IP65 rated case, the compact dispenser can be mounted in a variety of locations that is sure to suit your application needs. The DrainPro is simple to program and easy to install. It is available in either Battery (two 6V lantern style; not included) or 110VAC plug in versions.

Troubleshooting

Problem	Solution
The pump will not draw chemical	<ul style="list-style-type: none">• Check the the foot valve for debris.• Check the suction line for cracks or a break in vacuum.• Check to make sure there is ample chemical in the pail or drum.• Check the batteries or AC power.
The pump will not dispense chemical	<ul style="list-style-type: none">• Make sure the pump is powered.• Check the On/Off settings in the programming. If the pump is set to OFF first, the pump will not dispense for the period of time set.

Safety

READ CAREFULLY BEFORE INSTALLING:

-  Read this manual carefully before installing the DrainPro System.
-  Use caution when using the installation and programming settings in this manual.
-  Pay attention to the instructions for programming the 110v unit versus the battery unit.
-  Always follow the necessary safety procedures, including the use of personal protection equipment for the eyes, face, hands and clothing.
-  Disconnect all electricity prior to doing the installation.
-  **THE DISPENSER SHOULD BE INSTALLED** approximately 5' above the chemical container.
-  Failure to abide by the instructions given in this manual may result in personal injury, property damage or damage to the equipment.
-  **CAUTION:** Do not mount the unit in the direct path of steam. This can short circuit and permanently damage the unit.

Battery Operation

Programming Instructions

TIP #1: To start, reset the timer by pressing the **C** button for two seconds.

TIP #2: Countdown and Random functions: Press C/R button to select either countdown or random mode.

Countdown: Countdown to the next dose.

Random: To dose in random order.



Function	Solution
Setting current time	<ul style="list-style-type: none"> * Press and hold clock button. 🕒 * Then press D+ button to select current day of week as displayed on LCD * Press H+ and M+ buttons to select current Hour and Minute * Release button and current time displays on LCD
Program ON time	<ul style="list-style-type: none"> * Press P button until 1 and ON display. Release button. * Then press D+ button to select day(s) of week for program 1 ON * Press H+ and M+ buttons to select Hour and Minute for Program 1 ON
Program OFF time	<ul style="list-style-type: none"> * Press P button until 1 and OFF display. Release button. * Then press D+ button to select day(s) of week for program 1 OFF * Press H+ and M+ buttons to select Hour and Minute for Program 1 ON * Repeat ON / OFF for dosages needed.
Once completed	<ul style="list-style-type: none"> * Press clock button, and current time will display. Timer is operational. 🕒
Manual override:	<ul style="list-style-type: none"> * This button might be used to select mode, such as Auto, Timer, ON, OFF. Select Auto or Timer for timer functions. Or manual might be simple override switch. Use manual override button to reverse current programming. Programming will resume at next set point.
Priming the pump:	<ul style="list-style-type: none"> * To prime the pump once you are completely set up, simply press the Manual button three times until the light appears.💡 The red light in the upper left corner will illuminate indicating power to the pump and it will start rotating. Press the Manual button one more time to put them timer in the Auto position.

110VAC Operation



Operation Mode

- * The pump runs a cyclic programmed dose in the time, after the initial delay. The pump cyclically doses in XXX seconds, every YY days, hours or minutes, after the initial delay of ZZ days, hours or minutes.
- * The pause (**PAUS**) is the cycle time between the start of one dose (**FEEd**) and the subsequent one. This means that you can change the dosing time without affecting the cycle time.
- * The initial delay (**Ini.d**) affects only the first dose, it is useful to define a start time of the dose at the time of programming.
 - * For example, if you install the unit at 6 PM and do not want the first dose until 12 AM, you should set your initial delay **Ini.d** for 6 hours.

Function	Solution
Programming	<ul style="list-style-type: none"> * To enter programming, hold down the left button for at least 5 seconds. * To scroll through the menu options, press the right button, and to make the changes, press the left button. * As a general programming rule, all flashing settings can be edited with the right button and the changes can be saved with the left button. * The menu items are: <ul style="list-style-type: none"> * FEEd- setting the dosing time (default 60 seconds) <ul style="list-style-type: none"> * F 060 – settable from 0 to 999 seconds. * PAUS – setting the pump cycle time (default 1 day) <ul style="list-style-type: none"> * Pd01 – settable in minutes (Pn01) from 1 to 59 minutes, or in hours (PH01) from 1 to 23, or in days (Pd01) from 1 to 30 days. * Ini.d– setting the initial delay (default 0 minutes) <ul style="list-style-type: none"> * 1n00 – settable in minutes (1n00) from 0 to 59 minutes, or in hours (1H01) from 1 to 23, or in days (1d01) from 1 to 30 days. * PASS– setting the password (default 000, no password) <ul style="list-style-type: none"> * P000 – settable from 0 to 999. * If a password is set, it will be required each time the menu is opened and before activating start mode. * ESC– exiting the menu and confirming the settings.
Start Mode	<ul style="list-style-type: none"> * To start the pump, press the right button for 3 seconds, the pump will run for 60 seconds. To stop, press the button again.
Standby Operation (switch position 0)	<ul style="list-style-type: none"> * In stand-by operation the display shows Sby, when the pump is waiting to be programmed (left button for at least 5 seconds) or * started (right button for at least 3 seconds).
Normal Running	<ul style="list-style-type: none"> * 1h05 – shows the time remaining before the first dose, as specified in Ini.d(in this case, there are 5 hours left). * F 060 -> F 059 -> F 058 ... F 000 – shows the dose countdown, as specified in FEEd. * P n01 – shows the time remaining before the next dose, as specified in PAUS. (in this case, there is 1 minute left).

Terms & Conditions

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