

AutoDose[™] Dispensing Systems

Using flexible programming capability, the 1000 Series AutoDose[™] Pumps dose drains, cooling towers, boilers, pools, lubrication systems or other areas at the appropriate times. An easily programmed timer, which is housed in a moisture/vapor-resistant enclosure, turns the pump on and off to ensure regular dosing of chemicals.

Superior design for optimum performance and ease of use

It's widely accepted that it is easier to maintain drains than to unstop clogged ones. But maintenance of drains and other systems requires consistent application of maintenance chemicals. This is the job the AutoDose line of dispensers were designed for. Look at what the AutoDose dispensers have to offer:

- ▲ Molded cabinet is durable and corrosion resistant, even in demanding applications.
- ▲ The timer is visible when the cabinet is locked. It is secured from unauthorized reprogramming and insulated from moisture and vapors, yet the program can be monitored.
- ▲ During normal operation, the timer runs on the same power source as the pump, simplifying system maintenance (only one set of batteries to replace).
- ▲ Internal backup battery in timer maintains program even when main power source is disconnected or inoperative.
- ▲ Separate enclosure/access door for the timer: the timer isn't exposed to moisture or vapors even when the system cabinet is opened.
- ▲ Exterior pump location allows service without unlocking system cabinet.



Model 1060

Maximum flexibility for customized dosing

Hydro's AutoDose pump systems offer great flexibility. Here's what they offer in terms of customization of dispensing:

- ▲ choice of days, time (AM or PM) and dose durations (in one minute increments)
- ▲ up to 8 dosing periods per 24 hours
- ▲ capability to dose every day, or just on specific days

But maybe the most important benefit gained by using the AutoDose pumps is that they don't forget to add a dose! This can greatly enhance the performance of the treatment product.

AutoDose pump dispensing systems specifications

Choose the model that suits your need based on power supply desired.



Model 1060

Model	Description
1060	Lantern batteries*, norprene tube
1070	AC power, norprene tube
1080	D-cell batteries*, norprene tube

* Batteries required to run the units are not included.
Models run on two 6-volt lantern-style batteries or eight D-size batteries (alkaline batteries suggested).

The following specifications apply to all models:

Cabinetry	▲	Molded engineering resin (ABS)
Flow rate	▲	100cc (3.5 oz.)/minute at 23 RPM
Program duration	▲	7 days, daily variations possible
Events	▲	8 "on" and 8 "off" per day
Minimum "on"	▲	1 minute (each program lasts at least 1minute)
Timer display	▲	LCD

Battery or AC powered operation to suit specific needs

The AutoDose pumps run on two 6-volt lantern batteries, eight D-size batteries or on AC power (alkaline batteries suggested). Environmental conditions of the application can be taken into consideration when choosing the power supply.

In some areas, particularly near drains where local safety codes may forbid electrical outlets, battery power can be the only answer. No outlet is required at the treatment site, which adds safety in these wet areas. Battery power also makes installation easier, since location of the system doesn't depend on outlet availability. Battery power ensures dosing at the proper time, even during or after power outages, enhancing the effectiveness of treatment chemicals which require regular dosing at specified intervals.

Batteries in AutoDose systems will power Hydro's patented pump for up to 40 running hours when alkaline batteries are used. This provides months of service for many treatment needs. The Hydro pump is designed specifically to extend battery life, reducing the frequency of battery replacement. These design advancements also increase tube and motor life.

Where battery replacement may be difficult, the AC powered versions offer the same flexible programmability and reliable dosing without requiring batteries.