

## Pump Dispensing Systems

Using flexible programming capability, the UltraDose™ pail pump accurately doses drains, cooling towers, boilers, pools, lubrication systems or other areas at the appropriate times. An easily programmed timer turns the pump on and off as required to ensure regular dosing of treatment chemicals.

### Battery powered operation lends safety and convenience

UltraDose systems run on either two 6-volt or eight “D” cell alkaline batteries. No electrical outlet is required at the treatment site, which adds safety in wet areas. This is particularly critical in some drain areas, where local fire and safety codes may forbid outlets. This feature also makes installation easier, since location of the system doesn't depend on outlet availability.

Another advantage of battery power is that it ensures dosing at the proper time, even during or after power outages. This can be critical to the effectiveness of treatment chemicals which require regular dosing at specified intervals.

Batteries in the UltraDose pump system will power Hydro's patented pump for up to 40 running hours, providing months of service. 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.

Because the UltraDose pump sits on top of the treatment product container, it's ideal where space is limited. These pumps add only 5½ inches to a pail's height.



### Maximum flexibility for customized dosing

Hydro's 1100 Series UltraDose pumps offer great flexibility, making them the system of choice in many applications. Here's what the UltraDose offers in terms of customization of dosing:

- ▲ choice of days, time (AM/PM) and dose duration (one minute increments),
- ▲ up to 8 dosing periods per 24 hours,
- ▲ capability to dose every day, or just on specific days,
- ▲ easy placement (due to size and battery power).

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

## UltraDose™ Pail Pump specifications

### Pump/Cabinet:

- Flow rate           ▲ 100cc (3.5 oz.) per minute at 23 RPM
- Tube               ▲ 4cc Norprene
- Power supply      ▲ Model 1120: Two 6-volt alkaline batteries — not included or  
Model 1160: Eight “D” cell alkaline batteries
- Size                ▲ 8" tall x 14" max diameter
- Cabinet           ▲ Molded polypropylene

### Timer:

- Program duration ▲ 7 days, daily variation
- Events            ▲ 8 “on” and 8 “off” per day  
▲ minimum time “on” — 1 minute
- Display           ▲ LCD

Complete system as shipped includes dispenser (pump, timer/control and motor), supply and discharge tube, injection fitting, cable ties, tubing barbs and two-piece plastic “bonnet” cabinet.



Model	Description
1120	Lantern batteries, norprene tube
1160	D-cell batteries, norprene tube



**Model 1120 can also be converted to D-cell power with the purchase of a battery pack (batteries not included).**

**Hydro**® Systems Company

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