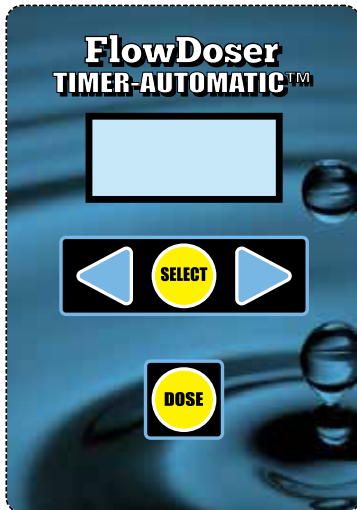


# The FlowDoser™ Timer-Automatic



## Why choose the FlowDoser?

If you need consistent and reliable watering for crops grown indoors, then the FlowDoser Timer-Automatic is the technology for you. Control your nutrient distribution from seedlings to adults. Simply program the volume your plants need at the time(s) you need and the FlowDoser Timer-Automatic does all the work. Day or night, you can be sure your plants will receive the nutrients they require.

- Save on nutrient cost
- Save on electricity cost
- Take advantage of nighttime watering—reap the benefits of lower electricity rates
- Reduce waste
- Optimize labor costs
  - ZERO employees needed to operate Timer-Automatic
- No additional electrical work needed
- Easy to setup, easy to use, easy to move & reconfigure

The **FlowDoser Timer-Automatic** is a revolutionary new technology capable of supplying controlled doses of nutrients to plants using a volumetric dosing sensor. The efficient unit works with existing fractional-horsepower submersible pumps, transforming them into high-precision, high-flow volumetric dosing pumps. The sensor measures volume rather than time, providing accurate nutrient doses with each cycle.

## Ditch the guess work!

Stop fussing with conventional water timers. With the FlowDoser Timer-Automatic, you can schedule various doses to be applied at specific times and eliminate the guess work in plant nutrition. Simply program the dose size(s) needed using the LCD display and set the time(s) you wish to feed the plants. The FlowDoser Timer-Automatic applies the exact amount at the exact time you need without any supervision.

Optimize your workforce and reap the benefits of the FlowDoser Timer-Automatic!

## What is the FlowDoser Timer-Automatic?

The FlowDoser Timer-Automatic is a volumetric dosing unit that works with your existing submersible pump system. Think gas-pump technology for your indoor agriculture operation!

## What does it do?

The FlowDoser Timer-Automatic schedules and applies the exact volume of nutrients to your plants at the time(s) you need it. The unit provides optimal use of expensive nutrient solutions and valuable water reserves by controlling the flow of liquid based on feedback from the volumetric flow sensor.

## Install in 3 easy steps.

- Plug the FlowDoser power cord into the wall
- Plug your existing pump into the FlowDoser piggyback connector
- Install the Flow Sensor into your existing plumbing system

## Mount it.

The control box can be attached to a wall using screws, heavy duty double-sided tape, or Velcro material, OR hung by its power cord or zip ties.

## What's included?

The FlowDoser Timer-Automatic includes:

- Control Box with 5' pump/outlet piggyback cord
- Flow Sensor with 3/4" NPT male threaded fittings (attached to control box)

# The FlowDoser™ Timer-Automatic



## SPECIFICATIONS:

**Size:** 5" × 3" × 1.5"

### VOLUME:

**Range:** 0.1–99.9 units

**Units:** User defined via user calibration

### FLOW SENSOR:

**Range:** 0.5–15 GPM (gallons per minute)

**Fittings:** ¾" NPT male thread

### ELECTRICAL:

**Max Load:** 120 VAC, 1/3 HP

**Fusing:** 8A replaceable cartridge fuse

### SETUP:

Real-time clock, 24-hour format

8 watering entries (time and volume)

Battery backed clock

Internal storage

**DURABILITY:** Designed for year-round, 24-hour operation—lasting for years  
Designed for a minimum of 100,000 gallons

