

Melnor 101

Melnor 101 Flowmeter Water Timer

Instruction Manual

INTRODUCTION

The Melnor 101 Flowmeter Water Timer is a mechanical device designed to measure and control the volume of water dispensed through a standard garden hose. This timer allows you to set a specific quantity of water (in gallons) to be delivered, after which it automatically shuts off the water flow. This feature helps conserve water and ensures precise watering for various applications, such as filling pools, watering gardens, or managing irrigation.

SAFETY INFORMATION

- **Water Pressure:** Ensure your water pressure is within typical household limits. Excessive pressure may damage the unit or cause leaks.
- **Freezing Temperatures:** Disconnect the timer from the spigot and hose, and store it indoors during freezing weather to prevent damage from ice expansion.
- **Secure Connections:** Always ensure all connections are tight to prevent leaks and ensure proper operation.
- **Supervision:** While the timer provides automatic shut-off, it is recommended not to leave it unattended for extended periods, especially during initial use, to observe its function.

PACKAGE CONTENTS

- 1 x Melnor 101 Flowmeter Water Timer

PRODUCT OVERVIEW

The Melnor 101 Flowmeter Water Timer features a robust plastic construction designed for outdoor use. It includes an inlet connection for your spigot, an outlet connection for your garden hose, and a rotary dial for setting the desired water volume. A clear indicator shows the remaining volume as water flows through the device.



Image: Melnor 101 Flowmeter Water Timer. This image displays the yellow-colored timer with its hose connections and the central dial for setting water volume. The device is compact and designed for easy attachment to a standard garden spigot.

SETUP

1. **Attach to Spigot:** Screw the inlet side of the Melnor 101 Flowmeter Water Timer directly onto your outdoor water spigot. Hand-tighten until secure. Do not overtighten.
2. **Attach Hose:** Connect your garden hose to the outlet side of the water timer. Hand-tighten until secure.
3. **Check Connections:** Ensure both connections are tight to prevent leaks.

OPERATING INSTRUCTIONS

The Melnor 101 Flowmeter Water Timer operates mechanically, requiring sufficient water flow to function correctly. It measures water in hundreds of gallons.

1. **Turn on Water:** Fully open your water spigot.
2. **Set Desired Volume:** Rotate the dial on the timer to the desired volume in gallons. The timer typically allows settings for hundreds of gallons (e.g., 200, 300, 400 gallons).

- 3. **Water Flow:** Water will begin to flow through the timer. The internal mechanism will count down the set volume.
- 4. **Automatic Shut-off:** Once the set volume of water has passed through the timer, the device will automatically shut off the water flow.
- 5. **Resetting:** To use the timer again, simply reset the dial to your desired volume.

Note: The timer requires a minimum flow rate to operate accurately. If the water flow is too low, the counting mechanism may not engage or may be inaccurate.

MAINTENANCE

- **Cleaning:** Periodically clean the exterior of the timer with a damp cloth. Do not use harsh chemicals.
- **Winter Storage:** Before the first frost, disconnect the timer from the spigot and hose. Drain any remaining water and store the unit in a dry, protected area where temperatures will not drop below freezing.
- **Seal Inspection:** Regularly inspect the rubber washers and seals at the connections for wear or damage. Replace if necessary to prevent leaks.

TROUBLESHOOTING

- **Timer not counting down or shutting off:**
 - Ensure the water spigot is fully open.
 - Verify that there is sufficient water flow and pressure. The mechanical mechanism requires a certain flow rate to operate.
 - Check for blockages in the hose or timer.
- **Leaks at connections:**
 - Tighten all connections securely by hand.
 - Inspect rubber washers for proper seating or damage. Replace if worn.
 - Ensure threads are clean and free of debris.
- **Inaccurate water measurement:**
 - Ensure a consistent and adequate water flow rate. Fluctuations in pressure can affect accuracy.
 - Check for any internal blockages that might impede the flow sensor.

SPECIFICATIONS

Model Number	101
Brand	Melnor
Material	Plastic
Color	Yellow
Number of Settings	2 (referring to volume measurement capability)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Melnor 101 Flowmeter Water Timer, please refer to the product packaging or visit the official Melnor website. You may also contact Melnor customer service directly for assistance.