

SIRENIX®

AUTO-FILL KIT

INSTALLATION

& SAFETY

GUIDE

VERSION: 2025.10.05

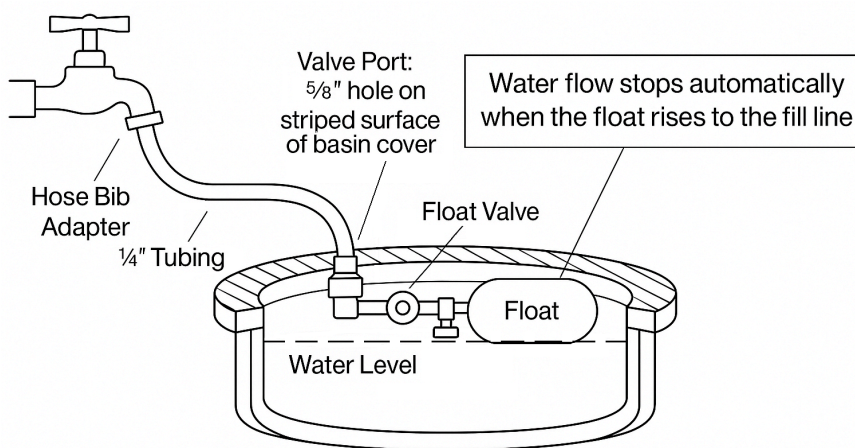
OVERVIEW & COMPATIBILITY

The Sirenix Auto-Fill Kit keeps your unit's water basin automatically filled for optimal performance.

Compatible with **all Sirenix models**.

- **Pre-October 2025 units** require drilling a 5/8" hole (see drilling template on page 2).
- **October 2025 and later units** include a pre-drilled port for the float valve.

This system connects to any **standard outdoor spigot or irrigation line** and maintains water level automatically through a float-actuated shutoff valve.



Parts List

Your kit includes:

- 1 × Float Valve Assembly
- 20 ft × ¼" Flexible Tubing
- 1 × Hose Bib Adapter (spigot connector)
- 1 × ¼" Tee Fitting (for connecting multiple units)
- 1 × ¼" Union Fitting (for tubing extension)

Tools Required

- 5/8" drill bit (*for retrofit units only*)
- Adjustable wrench
- Scissors or tubing cutter

STEP-BY-STEP INSTALLATION

1. Prepare the Basin

- If your unit is **pre-October 2025**, use the provided **Drilling Template**.
- Drill a 5/8" hole centered **15/16"** from the basin edge through the **top striped panel**.
- Clean hole edges before installation.

2. Insert the Float Valve

- Insert the **valve assembly upward from beneath** the hole.
- The keyed gasket goes on top, the soft gasket goes on bottom side of cover and flush against the underside of the cover.
- Thread the **hose connector** down from above, tighten securely by hand.

3. Connect the Tubing

- Press 1/4" tubing firmly into the top push-fitting.
- Run tubing to your water source or irrigation manifold.
- Cut excess tubing neatly.

4. Attach to Spigot

- Connect the **Hose Bib Adapter** to the spigot.
 - Optional Y-Split Pipe Adapter Available (*to share spigot with garden hose*)
- Push tubing into adapter until snug.
- Turn on water and verify flow.

5. Adjust Float and Test

- The **float** should lie horizontally when at the proper water level. Adjust the float position making sure water level is maintained just below the outflow holes in the basin.
- When the float rises, water flow should **stop automatically**.
- Verify the water flow stops properly by gently pushing the float up by hand.

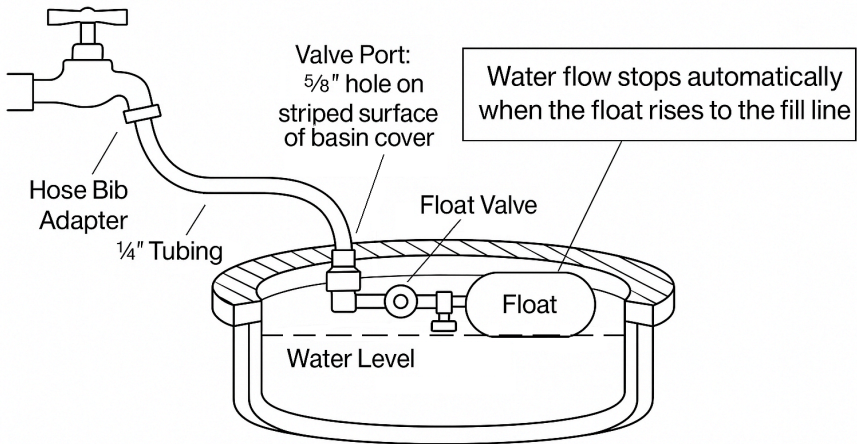
6. Optional: Multi-Unit Connection

- Use the ¼" **Tee fitting** to split tubing and feed multiple Sirenix units.
- Use **Union fittings** for longer runs or extensions.

Safety & Maintenance Notes

- Use only **standard household water pressure** (<60 PSI).
 - **Disconnect water** during freezing temperatures or prolonged disuse.
 - Inspect tubing **twice per season** for cracks, kinks, or leaks.
 - Replace Sirenix **lithium-ion battery every 24 months** for best solar performance.
 - Keep solar panels **clean and free of debris**.
 - Avoid placing electrical cords **in standing water**.
 - Do not overtighten float valve assembly.
 - Warranty: **12 months from date of purchase**.
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Quick Reference Diagram Key



- Hose Bib Adapter
- 1/4" Tubing
- Float Valve
- Float (horizontal at water level)
- Water Level (dashed line)

Note: Above assembly diagram is for reference. The exact configuration of the valve apparatus may vary slightly from what is shown here.



New Mountain Innovations
www.newmountain.com
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