



# LET'S MAKE IT CLEAR TO USE

---

EASY TO USE MANUAL GUIDE

---

**TipaTech LotusDY**  
**Eco-Friendly Under-Sink**  
**Water Purifier**



# TAP PRIO RITY

## Contents

Introduction #3

Specifications #3

Kit Contents #4

Unpacking #4

Important Notes #5-6

Installation #7-12

Maintenance #13-14

Troubleshooting #15

## Introduction

Congratulations on your purchase of the TipaTech LotusDY!

TipaTech brings you the best Eco-Friendly Under-Sink Water Filtration System.

Starting today you revolutionize in your kitchen with LotusDY water purifier, a top solution for safer, sustainable drinking water, offering a highly efficient, healthy, economical, and eco-friendly option.

**!!It is TOP PRIORITY to register your product and activate the warranty by scanning the!!**  
**!!warranty QR code either on the box, the product or find the warranty form at!!**  
**!!www.TipaTech.com!!**

## Specifications

Water source: Municipal water

Operating Conditions: Temperature: 41°F to 122°F (5°C to 50°C), Ambient Humidity: Below 90%

Filter Body Dimensions: Height: 14.17" (36cm), Diameter: 5.90" (15cm)

Complete Device Dimensions: Height: 17.71" (45cm), Diameter: 5.90" (15cm)

Device Weight (without water): 6.17lb (2.8kg)

Package Weight (device + accessories): 10.58lb (4.8kg)

Water Capacity Weight: 5.95lb (2.7kg)

Total Weight (device + water): 12.12lb (5.5kg)

Purified Water Flow Rate: 0.45 gallons (1.7 liters)/minute

Average Lifespan: 1,056.68 gallons (4,000 liters)

Operating Pressure: 21.75-58.01psi (1.5-4bar)

### Kit Contents

Stainless steel dispensing faucet with JG 0.23" (6mm) connector

Pressure regulator with quick-connect JG 0.23" (6mm) fitting

Water tap adapter: 3/8" to 0.23" (6mm)

0.23" (6mm) tubing, 2 meters' long

White Lotus filter - polish filter

2 Silicone bands

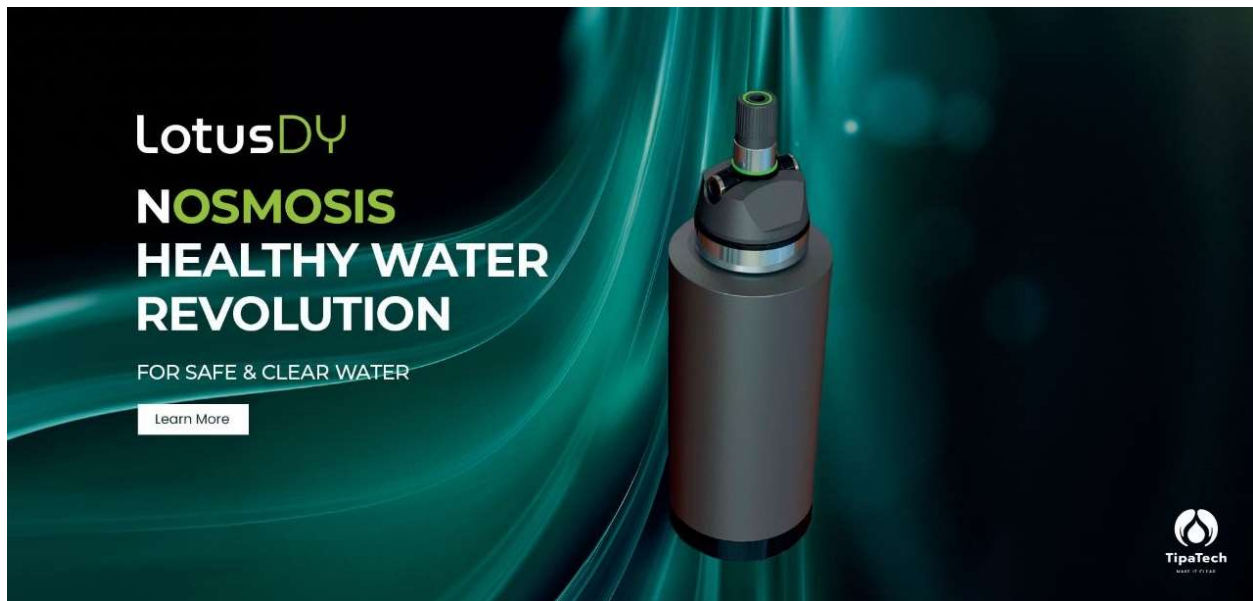
### Unpacking

Device + head unit with 0.23" (6mm) inlet/outlet

2 JG connectors

Installation kit

White Lotus filter with 2 JG connectors



**\*\*\*Please read these instructions carefully and follow each step to ensure proper installation of the system\*\*\***

## **Important Notes**

### **Please follow these safety guidelines:**

- \*This system should be installed by authorized and qualified personnel only.
- \*Prior to installation, please verify that all components are present and undamaged.
- \*If using a wrench is needed, tighten gently to avoid damaging or cracking any components.
- \*Children must not operate the system without adult supervision.
- \*In the event of a malfunction, immediately close the water inlet valve. Do not leave the system running if an error is detected.
- \*Maintenance and service should be performed exclusively by authorized and qualified technicians.
- \*Water production output is influenced by inlet water quality, pressure, and temperature. Suboptimal conditions may result in reduced flow rate.
- \*Before screwing any parts into these threaded openings, apply up to 15 layers of Teflon tape to ensure a proper seal. If a part has already been installed, unscrew it gently, apply the Teflon tape, and then reassemble.
- \*The pressure reducer supplied with the system is designed to reduce pressure to 58.01psi (4bar) or below.  
Exceeding this working pressure may bypass the pressure reducer and cause damage to the system. In such a case, the system warranty will be void.
- \*If for any reason, the system will not be in use for an extended period, close the cold water supply valve under the sink and open the system's dispensing faucet for the entire period to allow air circulation in the system. To restart the system, repeat Step 17.
- \*Under no circumstances should the polish filter be closed or sealed on both ends after use.

## **Attention!**

- \* Avoid exposing the system to direct sunlight.
- \* Do not install the system in environments where the temperature drops below 41°F (5°C).
- \* Keep the system away from flammable materials or substances.

### ***Installation Site Conditions:***

Choose an installation site that is clean, dry, and well-ventilated.

Avoid placing the system in areas exposed to:

- Direct sunlight
- High humidity
- Flammable materials or explosives
- Unstable or unsafe electrical equipment

- \* Keep the system out of reach of children.
- \* For assistance, contact authorized technical support.
- \* Do not disassemble the system. Doing so may cause leaks or permanent damage.
- \* Operate the system only within the recommended temperature range of 41°F to 122°F (5°C to 50°C).
- \* Use only original accessories and components supplied by the manufacturer.
- \* Repairs and maintenance must be performed exclusively by qualified professionals.

## **Caution!**

Before drilling into any surface, confirm that there are no concealed water pipes, gas lines, or electrical cables to avoid risk of damage or injury.

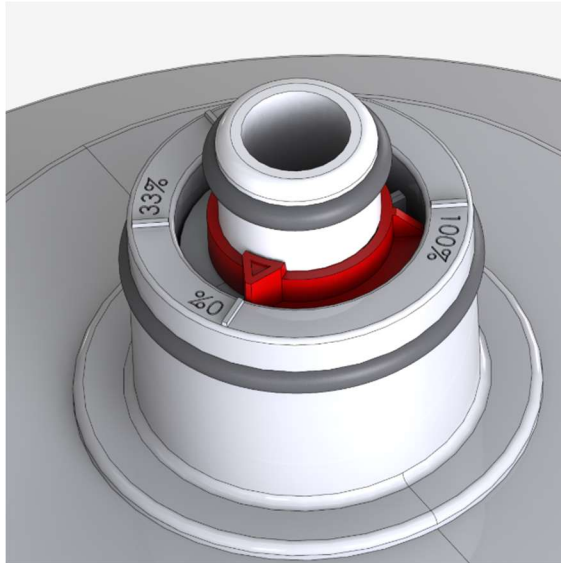
## Installation Instructions

1. Turn off the cold water supply, disconnect the supply line on the cold water side, install the T-valve.



2. Reconnect the cold water supply line.
3. Take out gently (use a wrench if needed) the two male connectors that attach on the inlet and outlet of the device head. Use Teflon tape to wrap up to 15 times around each male connector, starting at the O-ring and down to the tip of the threads. The wraps should be thicker at the top and slightly thinner down to the tips of the threads.
4. Gently screw the fittings into the head. Only if necessary, use a wrench to gently tighten the connectors. Avoid over-tightening so the connectors will not break.
5. Manually connect (do not use any tools) the ¼ inch (6mm) plastic tubing between the water inlet on the device head (follow the flow direction arrow) and the pressure regulator, ensuring the correct flow direction indicated on the accessory. Then, attach the other end of the plastic tubing to the T-valve installed on the cold water supply line.  
**Note:** if you are cutting the ¼ inch plastic tubing, be sure to cut the tubes so that there is a straight/flat edge (no pointed edges).

6. Set the magnesium regulator to 20%.



7. Choose an existing hole in the countertop for the dispensing faucet. If none is available, drill a ½ inch (12mm) hole. Insert the faucet, ensuring a rubber gasket is placed over the hole, followed by a stainless steel plate to secure the seal.



8. Tighten the faucet securely under the sink and attach the push-to-connect fitting to the threaded end of the faucet.

9. Manually connect (do not use any tools) the ¼ inch (6mm) plastic tubing to the push-to-connect fitting of the faucet under the sink and its other end to the water exit outlet located on the head of the filter.
10. Be sure that the filter head is properly screwed on: only twist by hand. Now, turn on cold water supply under the sink and allow water to flow through the dispensing faucet for 15 minutes to flush the system.
11. Turn off the cold water supply under the sink.
12. Now it's time to install the white lotus filter.  
**Note:** Use the included ¼ inch (6mm) push-to-connect fittings to the inlet and outlet of the white lotus filter.



**\*\*Be sure to wrap these two connectors with Teflon up to 15 times as needed.**

13. Manually screw both connectors into their designated inlets on either side of the white lotus head. Only if necessary, use a wrench to gently tighten the connectors. Avoid over-tightening.

14. Disconnect the ¼ inch (6mm) plastic tubing from the water outlet port at the top of the device, then cut it ensuring to leave at least 18 inches (45cm) of tubing from the outlet to the white lotus filter.

Manually connect one end of the cut tube to the inlet side of the white lotus filter, following the arrow indicating the direction of flow and connect the outlet side of the filter to the remaining tube that leads toward the faucet. Do not use any tools.

**Note:** Ensure there is enough slack on both sides of the tubing to allow the white lotus filter to lay horizontally, without bending the plastic tubing or placing stress on the connectors.



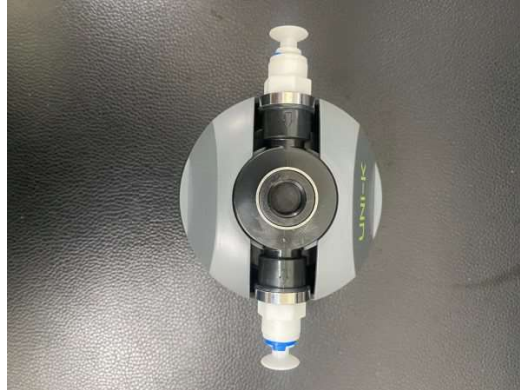
15. Screw gently the 3/4" connector into the Air-Release valve, ensure there is internal gasket. Do not use any tools.



16. Manually secure the Air-Release valve and the gas trapper on top of the filter head. Do not use any tools.



\*\*\*This is the filter head onto which the Air-Release must be screwed.



17. Now that the filter is fully installed, use a measuring container to verify that the water flow rate is  $\frac{1}{2}$  half gallon (1.7 liters) per minute. If necessary, adjust the flow rate using the T-valve installed earlier. This will ensure optimal filtration performance.

**Recommendation:**

To save space in the cabinet under the sink, you may gently attach the white lotus filter to the gray filter body using the transparent silicone bands included in the kit.

**Caution:** Make sure not to bend or kink the tubes, as this may create pressure buildup or cause them to crack.



**\*\*\*After completing the installation, take a moment to check the system and ensure all connections are secure, with no visible leaks or pressure issues.**

## TAP Priority - Regular Maintenance Guide

**To keep your filtration system running at its best, follow these simple maintenance steps:**

**A. Cartridge Replacement**

Replace the filter cartridge every 1,050 gallons (4,000 liters), depending on local water quality, or once every 2 years—whichever comes first.

**B. Gas Trapper Replacement**

The Gas Trapper should be replaced once a year.

To do so, simply unscrew the old one and screw the new one into place on top of the filter head. Do not use any tools.

### **Important Guidelines**

#### ***General***

- \* Maintenance must be performed by qualified personnel in accordance with the manufacturer's instructions.
- \* Once a year, inspect all connections and clean the equipment's inlet tubing.

#### ***Filter Replacement***

- \* Replace the compact filter regularly and ensure it is installed in the correct position.
- \* After replacing the filter, allow water to run through the system for at least 15 minutes before use.
- \* The filter's lifespan will vary based on water quality, usage time, seasonal conditions, mineral adjustment settings, and geographic area.

#### ***Machine Cleaning***

- \* Do not use soap, detergent, or volatile cleaning agents such as thinners, gasoline, or alcohol. These substances can cause surface cracks or discoloration.
- \* Clean the outer surface of the machine using only water.
- \* Do not disassemble the system during cleaning.

## **How to Replace the Cartridge Filter**

1. Turn off the cold water supply connected to the system.
2. Open the system's faucet to release pressure.
3. Gently turn the filter head counterclockwise while pressing it downward to detach the used cartridge filter.
4. Remove the protective cap from the new cartridge filter.
5. Align the new cartridge filter with the filter head.
6. Insert the new cartridge by pressing it downward while simultaneously turning the filter head clockwise to ensure a secure and stable connection.
7. Turn the cold water supply back on.
8. Leave the faucet open and allow water to run through the system for 15 minutes before use.

**Make sure the filter is fully seated and properly locked into place before operating the system.**

**The LotusDY Under-Sink  
Water Purifier  
have been  
Tested and Certified by**



**By following this guide, you ensure a smooth installation process, optimal performance, and the highest water quality from your LotusDY Water Filtration System.**

## **Troubleshooting**

<b>MALFUNCTION</b>	<b>POSSIBLE CAUSES</b>	<b>SOLUTIONS</b>
Very little or no water flow	The tube is bent	Straighten or reposition the tubing
	The water inlet T valve is closed	Open the water inlet T valve
	The main water supply is turned off	Wait for the main water supply to resume
	Water pressure is too low	Install a pressure-boosting device if needed
	Feed water temperature is below the required level	Increase the feed water temperature to the specified level
The system does not operate	Insufficient water supply	Check that the municipal water supply is active
Abnormal water taste	The system has not been used for an extended period	Run water through the system for at least 5 minutes before use
	Poor incoming water quality	Replace the filter cartridge
	The filter cartridge is overdue for replacement	Replace the filter cartridge
	Too low or too fast feed water flow rate	Increase the feed water flow rate as per system specifications
Chlorine taste or odor appears in the water	The inlet and outlet connections have been installed in reverse	Verify and correct the direction of water flow. Ensure the inlet and outlet ports are properly connected according to the installation diagram
Water leakage	Improperly installed fitting or gasket	Turn off the main water supply. Disconnect the fittings at the leak source, apply several wraps of Teflon tape around the threads, and carefully re-tighten the connections
	Improperly installed fitting or gasket	Contact technical support for inspection and replacement of the faulty part
White water (Hydrogen water)	Bubbles appears in the water	This is a normal and healthy process. The bubbles will disappear within a few seconds
Air discharge when opening the faucet	Release of trapped air from the carbon inside the filter	Normal Process, during the first few weeks of use, open the faucet slowly and gradually, it will diminish over time