

# Discover your Shelfy

# Index

Together we can make a difference	p. 3
What's in the box	p. 4
Quick Guide	p. 6
01. The problem	p. 8
02. How it works	p. 10
03. LED Guide	p. 12
04. Placement and modes	p. 14
05. Maintenance	p. 16
06. Charging	p. 18
07. Vitesy Hub app	p. 20
08. Troubleshooting	p. 25

Thank you.

# Together we can make a difference

We sincerely thank you for choosing our products. Your support is crucial to us!

Thanks to **Up2You**, with your purchase you have offset CO<sub>2</sub> and supported 4 projects that help protect forests, incentivize 100% renewable energy generation, preserve the ecosystem, and engage local people.

Even with the smallest gestures we can make a difference.

Thank you,  
Team Vitesy

[Read more](#)



Let's start

[vitesy.com](https://vitesy.com)

Start your Vitesy  
experience!

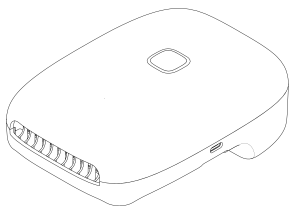
Preserve the quality  
of your fresh food in  
the refrigerator with  
Shelfy. Set it up and  
start fighting food  
waste.

# What's in the box

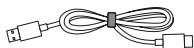
You will find the following components in the package. If not, please contact us at [support@vitesy.com](mailto:support@vitesy.com).



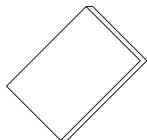
Shelfy



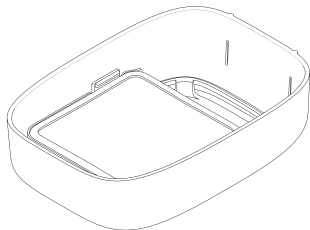
Techunit Shelfy



USB-A/USB-C Cable



Manual



Shelfy Photocatalysis Filter Kit

# Quick Guide >

**Shelfy is a plug-and-play product. Just follow these simple steps to activate it and start a new way of living.**

## **ON FIRST USE:**

1. It is recommended to wash the filter before using Shelfy. Separate the two shells by handling them with clean hands and, without removing the filter from the housing, rinse it under running water for about 10 seconds, then allow it to dry.
2. Wipe a damp cloth over the outer shells being careful not to get the electrical components wet.

**01** To activate it, press the button for a few seconds until the LED turns white. If the device does not turn on, charge it.

**02** For a complete experience, download the Vitesy Hub app from the Play Store and App Store.

**03** To connect Shelfy to the app activate Bluetooth by double-clicking the button that will flash blue.

**04** You are ready to connect it, now put it in the fridge and follow the instructions in the app.

**05** To find out how to get the most out of your Shelfy check out this guide.



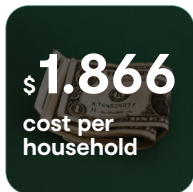
# 01. The problem

Nowadays, food waste is one of the most relevant and underestimated problems. If food waste were a country, it would be the **third largest source of greenhouse gas emissions**. Food waste also burdens waste management systems, exacerbates food insecurity and is a major contributor to **climate change, biodiversity loss and pollution**.

**An average household spends nearly \$2,000 a year on food that will be thrown away and wasted.** But this is not the only problem! Studies show that 1 out of 2 refrigerators has an **above-average proliferation of mold and bacteria**, which can cause contamination and possible risks to our health. Look at the numbers to better understand the problem!



61% comes from households. On average, a person **wastes 74 kg** of food each year. 20% of food ends up in the trash.



An average household wastes 31.9% of the food it buys. The annual cost of food waste reaches **\$240 billion**.



Food waste is responsible for 10% of global CO<sub>2</sub> emissions—more than **3 billion tons**.



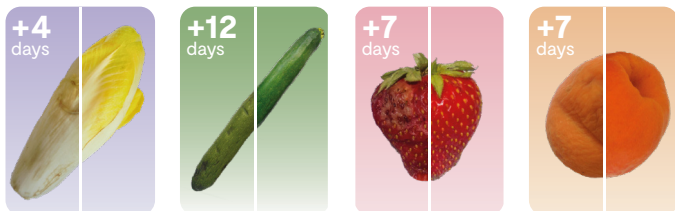
Bacteria and molds proliferate inside about **1 in 2 fridges**, posing a possible risk of food contamination and health problems.

## 02. How it works

Shelfy is the smart device that fights food waste starting with your refrigerator: it extends the shelf life of food in the refrigerator, reduces circulating bacteria and odors by breaking down pollutants responsible for ripening fruits and vegetables thanks to innovative photocatalytic technology, with no filters to change. It is equipped with a temperature sensor and a refrigerator door opening-closing detection algorithm to help you limit energy consumption.

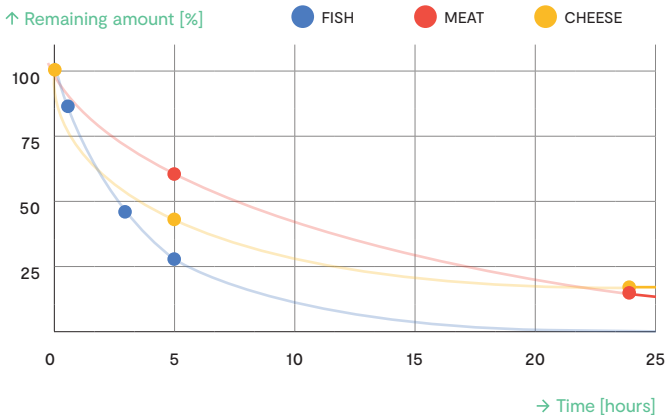


## You can make a difference, starting from your fridge



Without Shelfy | With Shelfy

## Odors that Shelfy reduces as these foods rot









## 03. LED Guide

Shelfy is super easy to use, which is why it has only one button from which you can control all its functions. Take a look at the table to find out the meanings of Shelfy's various LED colors.



This short guide will help you understand the meaning of LEDs:

LED	PATTERN	MEANING
	Flashing	Battery charging
	Fixed/Breathing	Device in purification mode. Eco → lowest intensity; Crisper → medium intensity; Performance → highest intensity
	3 light intensities	Eco mode → lower brightness Crisper mode → intermediate brightness Performance mode → higher brightness
	Flashing	Bluetooth active and waiting for connection
	Rotating	Bluetooth connection with smartphone established
	Breathing/Pulsing	Device not connected for more than 24 hours
	Breathing	Battery almost low (10-20%)
	Flashing	Device reboot in progress
	Breathing	Low battery (<10%)
	Flashing	Reset in progress. Press for 10s to reset
	Steady	Battery charged to 100%

## 04. Placement and modes

Shelfy can be placed horizontally or vertically anywhere in the refrigerator: in the crisper (i.e., the fruit and vegetable drawer), on the door, or on the shelves, depending on the space and type of refrigerator.

To ensure greater effectiveness, place it near fruits and vegetables without obstructing airflow.

We recommend using one product per 300 liters (internal volume of a standard-sized refrigerator).

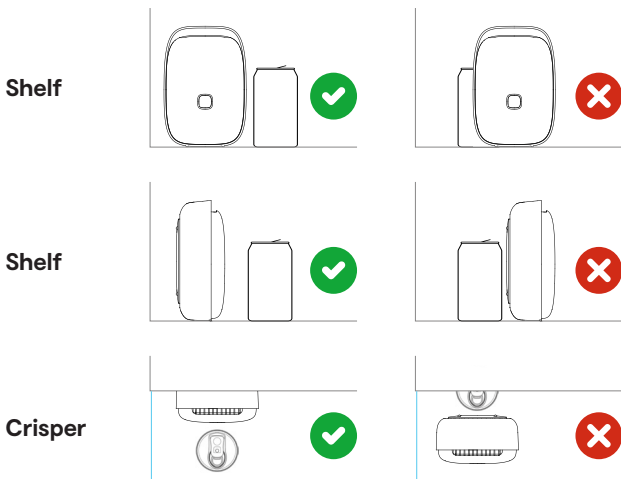


Shelfy has 3 modes of use:

**Performance:** designed for temporary intensive action to clean the refrigerator of odors and microorganisms in the air. Suitable when Shelfy is placed on the shelf and/or you have a very full refrigerator.

**Eco:** designed for daily use against odors and microorganisms in the air, allowing battery life of 4 weeks. Suitable when Shelfy is placed on the shelf and/or you have a half-empty refrigerator.

**Crisper:** designed for operation inside the fruit and vegetable drawer to help you best extend the life of your food.





## 05. Maintenance

Shelfy has a washable filter that, if maintained properly, can last up to 5 years. Maintenance is very simple: all you have to do is remove the filter to wash it under running water and wipe the shells with a freshly dampened cloth to remove any remaining dirt.

Tips for thorough cleaning:

**Shelfy Photocatalysis Filter Kit** → wash the filter directly inside the shell, without removing it. Wipe the shell with a damp cloth and if the dirt is persistent use mild detergent and let it dry.

**Techunit Shelfy** → check that Shelfy is turned off. Helping yourself with a Q-tip, remove any dust residue from the LEDs and fan, use a cloth to clean the USB port. Do not get any liquids inside the fan and LEDs.

**Filter** → wash it under running water at least 1 time per month, following this procedure:

1. Separate the shells without removing the filter from its housing, handling everything with clean hands and avoiding touching the filter with your hands.
2. Rinse the filter under running water for about 10 seconds, making sure to pass the jet over the entire surface of the filter and being careful not to dislodge the filter from its housing.
3. Remove any excess water by gently shaking the shell and dry it with a clean cloth.
4. Lay the shell on a clean cloth, keeping the filter facing upward. It is advisable to let the filter dry in sunlight to optimize drying.
5. Drain any excess water and close the two shells again.







## 06. Charging

In our ongoing efforts to promote sustainability, we have made the decision to provide you with only a USB-A/USB-C cable, not including the power supply. This choice allows us to significantly reduce our environmental impact by avoiding the production of thousands of chargers. We are sure that many of you already have numerous unused chargers at home!

To ensure optimal charging of your Shelfy follow the instructions:

- Shelfy should only be charged via a power supply with a Class 2 or LPS output;
- Recommended power supply output voltage: 5.0V; nominal, 5.5 V max;
- Current drawn while charging: 2.5 A max;
- Battery voltage: 3.6 V nominal 4.2 V max;
- Battery capacity: 10400 mAh nominal.

LED	PATTERN	MEANING
	Flashing	Battery charging
	Breathing	Battery almost empty (10-20%)
	Breathing	Battery low (<10%)
	Steady	Battery 100% charged



Connect

Download the Vitesy Hub app from the App Store or Play Store.

Connect Shelfy to your smartphone and start your new way of living.

## 07. Vitesy Hub App

Shelfy is a smart product and adapts to your needs. Explore all its features: with a simple click on the Vitesy Hub app, you can manage all your Vitesy products and get food preservation tips. In addition, you can connect Shelfy to Google Home and Amazon Alexa.



GET IT ON  
**Google Play**



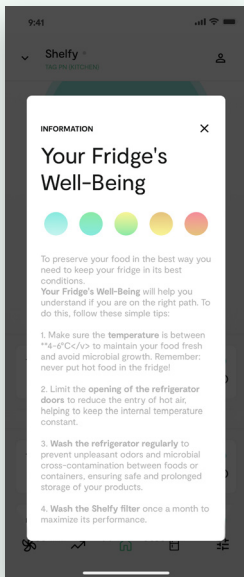
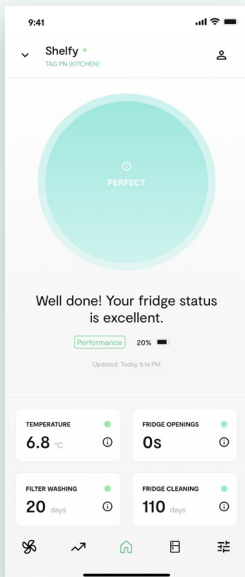
Download on the  
**App Store**



**Google Home**



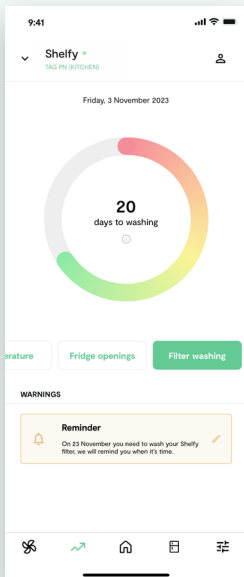
**amazon alexa**



In the home you have an overview of the status of your refrigerator. You can monitor temperature, door opening and filter and fridge cleaning reminders, battery level, and mode setting.

Shelly's goal is to help you store your food better, and with these parameters you can make sure that your refrigerator is always in optimal condition.

## Graphs

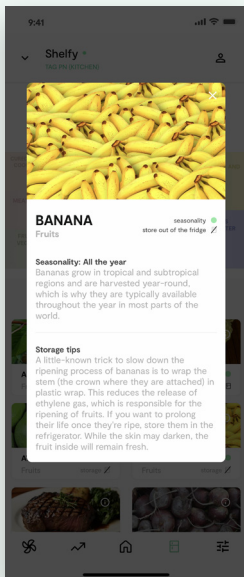
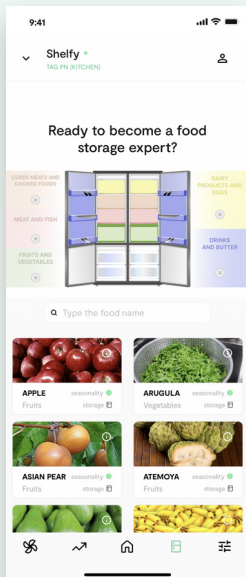


Graphs allow you to check the history of data recorded by Shelfy and thanks to alerts evaluate trends over time.

You can also set and manage filter and refrigerator cleaning reminders.



Storing



This section is a guide to help you properly store foods inside your refrigerator. You'll also find information on the seasonality of fruits and vegetables and other useful tips to help you become an expert in the optimal storage of your food!

## 08. Troubleshooting

Service problems that seem complex can often be solved easily. Follow this simple guide.

PROBLEM	SOLUTION
The device does not turn on	Press the middle button for 10 seconds. If it does not turn on, try charging the device for at least 30 minutes with a compatible charger and turn it on again.
No air is coming out of the device	Check that the device is charged and turned on; to do so, press the button: if the LEDs light up white, then Shelfy is in purification mode. Purification is based on hourly cycles, in which the fan moving the air is not always on.
The speed of the airflow is weak	Make sure the photocatalytic filter is clean; Shelfy has several modes of operation, some of which provide airflow such that it is not invasive to fruits and vegetables.
The device does not respond to button presses	Try restarting it by holding down the middle button for 10 seconds.
In the app, I don't see the device in the list	Make sure you have activated Shelfy's Bluetooth before continuing in the pairing flow.
During pairing, my WiFi network does not appear in the list or the connection gives error	Check that the following requirements are met: use a network set to a frequency of 2.4 GHz, do not use repeaters, and choose a password with a length between 8 and 32 characters. Special characters accepted: ! # \$ & ' ( ) * + , - . / : ; < = > ? @ [ \ ] ^ _ ` {   } ~ "
During pairing, the Bluetooth connection ends with an error	Try repeating the pairing taking care to stay close to Shelfy and not exit the app for the duration of the procedure.

