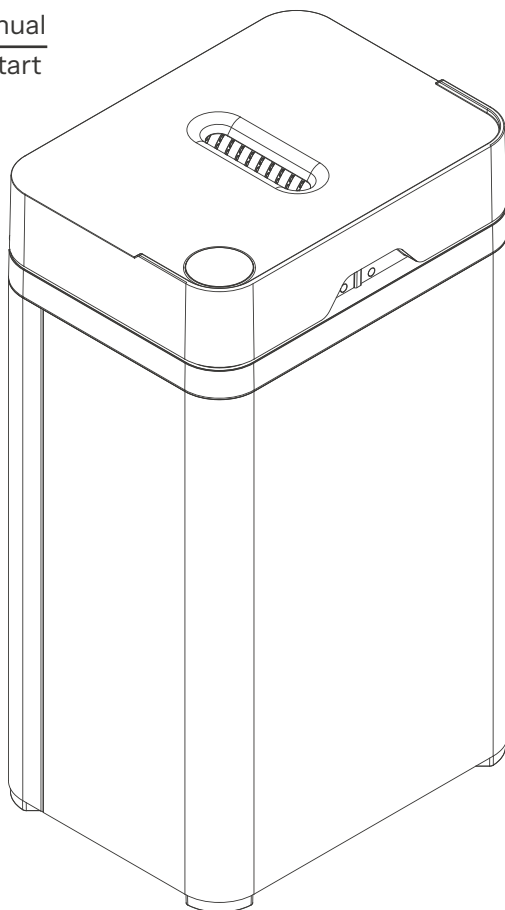


clear drop[®]

SPC Soft Plastic Compactor

INSTRUCTION MANUAL

Scan the QR code below or visit
<https://onecleardrop.com/spc-manual>
to learn how to use your SPC and start
your ZeroTrash[®] lifestyle.



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INTRODUCTION

Welcome to Your Soft Plastic Compactor



This guide will walk you through everything you need to know about using your SPC — how to safely collect and store soft plastic waste at home, keep your device in top shape, and troubleshoot any issues along the way.

SPC TECHNICAL SPECIFICATIONS

Parameter	Nominal value
Plastic waste capacity, max	6.33 gal, or up to 3.3 lbs of soft plastic
Maximum power consumption	700W (during block-forming stage)
Power supply input	AC 120V 50/60 Hz
Overall dimensions	15.75in x 27.56in x 11.93in
Weight of the device	46.3 lbs

SAFETY PRECAUTIONS

UNDERSTANDING SAFETY WARNINGS

To keep you and your home safe, this guide includes important safety warnings. These alerts highlight potential hazards that could cause harm if not followed properly. Each warning is categorized based on the level of risk:

	WARNING This symbol indicates specific conditions or actions that may cause injury or other serious adverse reactions associated with the use or misuse of the product.
	CAUTION This symbol indicates conditions or actions that can cause a problem with the product associated with its use or misuse. These problems include product malfunction, product failure, damage to the product, or damage to other property.
	CAUTION

	WARNING To reduce the risk of fire or electric shock: - Do not disassemble the product or remove its covers. - Do not expose this product to rain or moisture. - To service the product, follow the guidelines in this document or refer to qualified service personnel.
	WARNING Do NOT place the following in the SPC: - Soft plastic waste contaminated with flammable materials - Many paper materials - Products made of celluloid, such as: ping pong balls, synthetic fabrics (polyester, nylon); polyurethane foam (sponges, mattresses) - PVC or vinyl (wires insulation, electrical insulation tape, linoleum, electrical insulation tape, artificial leather, wires insulation, vinyl film, lino (oilcloth), vinyl wallpaper, camera film, inflatable swimming products (swimming rings, armbands, boats)

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions before using your SPC to ensure safe and proper operation.

- For proper functioning, ambient temperature should be between 50°F and 105°F with a humidity between 16% and 90%.
- Always supervise children around the appliance. Children should not play with the device.
- The SPC is not intended for use by individuals with reduced physical, sensory, or mental capabilities unless guided by a responsible person.
- Keep hands and objects away from moving components during operation.
- To maintain safety and performance, use only manufacturer-recommended accessories.
- Ensure your household power supply matches the voltage requirements listed on your device.
- The SPC is designed for continuous use, but to fully power it off, unplug it from the outlet. Keep the plug easily accessible.
- If the cord or plug is damaged, or if the device malfunctions or is dropped, do not attempt to repair it yourself.
- Always unplug the product when you intend to leave it unused for several weeks.
- Do not expose the product to excessive moisture, dripping or splashing liquid, direct sunlight, or excessive heat.
- Do not put objects filled with liquids on top of the product. If liquid spills on the device, unplug it immediately and let it dry completely before use.
- Condensation may occur if the product has been stored in cold temperatures. If the SPC has been exposed to cold temperatures, wait approximately two hours until it has reached room temperature before using it.
- During thunderstorms, unplug the SPC. Voltage peaks due to lightning could damage the product.

SAVE THESE INSTRUCTIONS

IN CASE OF MALFUNCTION

If your SPC is not working properly, follow these steps:

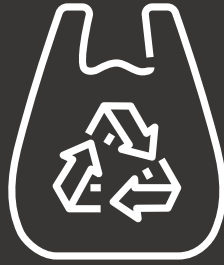
1. Stop using the device immediately.
2. Pay attention to the error number on the device screen (see pages 16-21).
3. Unplug it from the power outlet.
4. Check the troubleshooting section in this manual for possible solutions (see page 24).

If the issue persists, contact our support team at support@onecleardrop.com



Scan the QR code or visit
<https://onecleardrop.com/spc-manual>
to learn how to use your SPC.

Change the Way You Handle Waste Forever



PURPOSE

Clear Drop creates a new industry that we call pre-recycling. This involves sorting waste for effective recycling. With Clear Drop's products, you can cleanly and conveniently collect and prepare your waste at home or in the office with a guarantee that it will be recycled by our recycling partners.

**Our appliances are easy to use and habit-forming.
Clear Drop is dedicated to creating a ZeroTrash® lifestyle.**

At Clear Drop®, we're enabling what was once nearly impossible: true recycling of soft plastic packaging and effortless collection of kitchen organics.

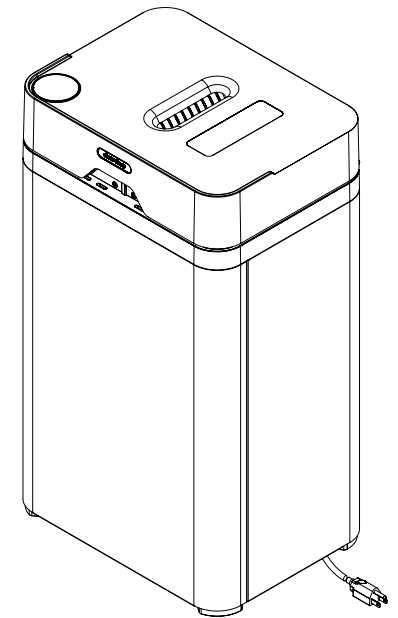
PRODUCT OVERVIEW

SPC Soft Plastic Compactor

The **Clear Drop® SPC** is the first appliance designed to simplify soft plastic collection and ensure it all gets recycled. It compacts loose, soft plastic into a solid block approximately 12x8x5 inches in size, making recycling easier and more efficient.

HOW IT WORKS

1. **Collection:** Soft plastic waste is loaded into the SPC.
2. **Block-forming stage:** The device compresses and lightly softens the outer surface of plastic to form a compact block. A full block holds up to a month's worth of soft plastics from an average household.

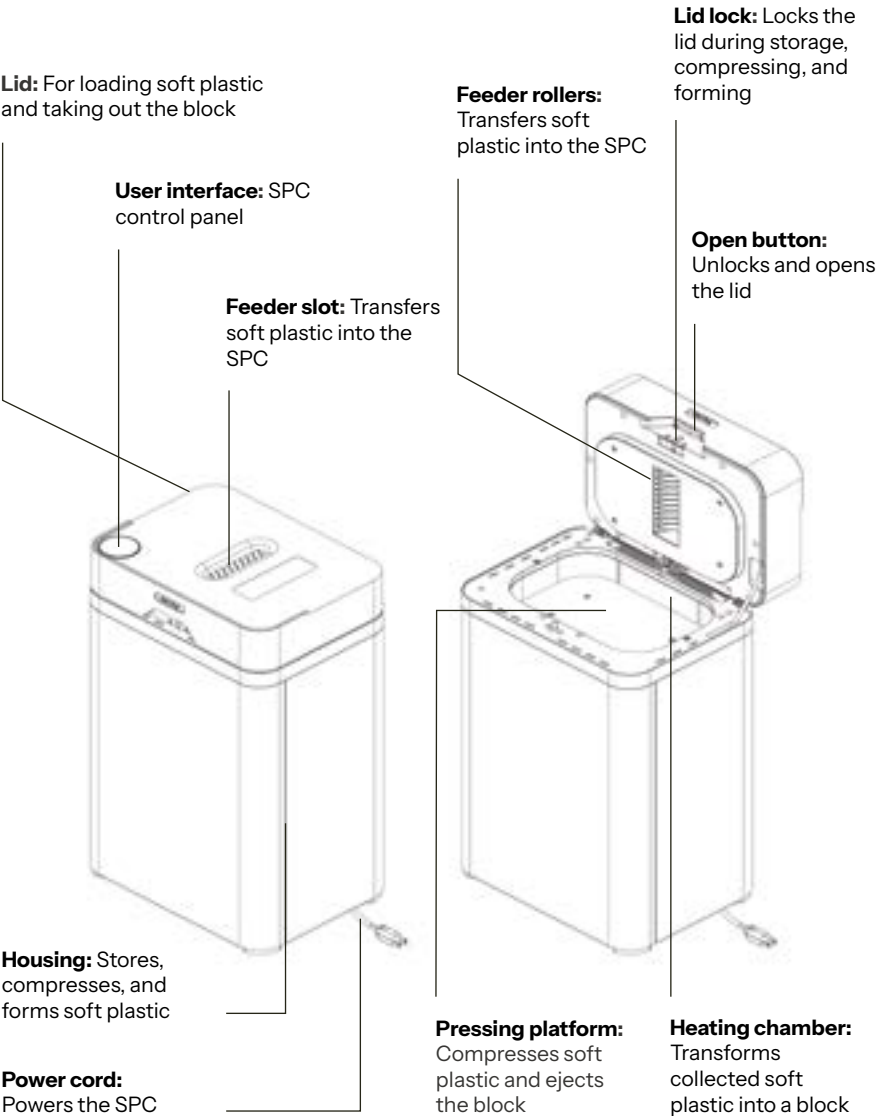


WHY USE AN SPC?

By compacting soft plastics into blocks, their volume is greatly reduced, making transport and recycling more efficient. We partner with professional recycling facilities to ensure that every SPC block is reintegrated into the circular economy. To make this step effortless, we send you envelopes with pre-paid labels to ship your compacted plastic blocks directly to the facility.

SPC COMPONENTS

Each component of the SPC plays a crucial role in efficient collecting, compacting, and processing soft plastic waste, making recycling and waste management easier.



GETTING STARTED

UNPACKING

Take the SPC out of the cardboard box and remove the upper and bottom paper trays. Remove the plastic bag — this can be the first piece of soft plastic you add to your SPC.

RECOMMENDED PLACEMENT

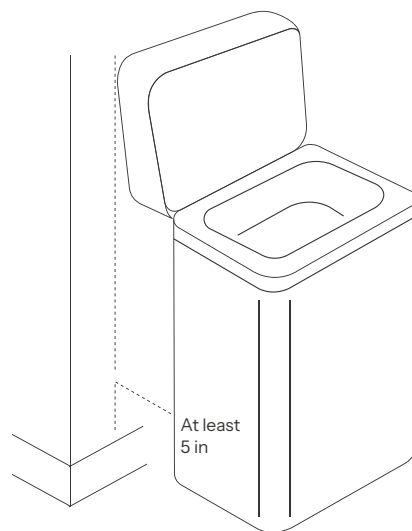
The SPC is designed for indoor use only. We recommend placing it in your kitchen, pantry, or garage for easy access and seamless integration into your daily routine.

	WARNING To avoid failure of the SPC, as well as electric shock to the user, it is prohibited to install SPC in damp areas.
	WARNING If the SPC is stored or transported in temperatures below 50°F, allow it to acclimatize in a temperature above 50°F for 2 hours before using.

INSTALLATION AND POWERING ON

1. Install the SPC in your selected location.
2. Route the cord from the bottom through the wide side of the device.
3. Plug the power cable to any standard 120-volt AC outlet.

Note: Use only grounded outlets and connect the cable directly to the socket. Do not use an adapter.



SPC IN USE

Step 1: Powering on and initialization

- a. Power on:** After plugging in, the SPC will automatically switch on and begin the initialization process.
- b. Initialization:** During initialization, the SPC performs a self-check and prepares for usage.
- c. Soft plastic item detection:** SPC checks how much soft plastic is inside. The platform moves up to compress and estimate the amount.
- d. Standby mode:** If the SPC is not yet full, it will switch to "Standby" mode.

Step 2: Unlocking the SPC

The feeder rollers can be set in lock or unlock mode. When unlocked, the feeder rollers will start to rotate

automatically when any object is detected in the receiving area.

Temporary unlock mode

To temporarily unlock the rollers and prepare the SPC for soft plastic loading:

- Press and hold the "Lock" button for 3 seconds. Refer to the Screen Interface Guide on page 16 for more details.
- After accepting the last piece of soft plastic, the device will automatically lock again after 30 seconds and enter standby mode.

Long-term unlock mode

To keep the device active without automatic locking:

- Press and hold the "Lock" and "Start" buttons simultaneously for 5 seconds.
- The display will show the "!" symbol, indicating that the SPC is in long-term unlock mode.
- To return to temporary unlock mode, press and hold the «Lock» button for 5 seconds.



Important: In long-term unlock mode, the device remains active and ready to accept plastic until it is turned off. Use this mode with caution, particularly in the presence of children and pets.

Step 3: Loading soft plastic packaging

- a. Display notification:** If the SPC is unlocked, the message "Insert plastic" will appear on the display of the user interface.
- b. Loading soft plastic packaging:** Place soft plastic in the feeder slot. For thin or transparent soft plastic packaging, fold it several times for easier processing.
- c. Feeder sensors:** The feeder sensors will detect soft plastic in the slot and activate the rollers. If no soft plastic is detected, the rollers will stop.

Note: To prevent user injury, SPC automatically stops the feed rollers if soft plastic that is difficult to pass through is detected in the feeder. In this case, press and hold the Play button to resume roller rotation. If the plastic cannot be fed through, press and hold the Reverse button to rotate the rollers in the opposite direction. The mode selection menu will appear on the user interface screen.

Step 4: Loading more soft plastic

- | | |
|--|--|
| <p>a. Continue loading: Insert the next portion of soft plastic packaging into the feeder slot. After loading each batch of soft plastic packaging, wait until the feeder rollers of the device come to a complete stop.</p> <p>b. Locking the SPC: When finished loading your soft plastic, you can lock the SPC by holding down the «Lock» button for 5 seconds.</p> <p>c. If the SPC is in temporary unlock mode, it will automatically lock after 30 seconds.</p> | <p>d. Manual loading of soft plastic via the lid: The device allows manual loading of soft plastic packaging directly into the heating chamber through the open lid.</p> <p>To perform this operation:</p> <ul style="list-style-type: none"> • Ensure the device is unlocked. • Press the “Open Lid” button to lift the lid. • Carefully place the soft plastic into the heating chamber. Close the lid firmly until it clicks into place. |
|--|--|

Once the lid is closed, the device will automatically assess the amount of soft plastic inside and resume operation.

	WARNING If manually loading soft plastic via the lid, avoid inserting an excessive amount of dense soft plastic or packing the plastic too tightly into the heating chamber. This may cause a “Warning Overfill” error.
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Step 5: Compression and block-forming process

- | | |
|---|--|
| <p>a. Chamber filling level: SPC automatically measures the chamber filling level. When required, the device emits two beeps, shows CR on the screen, and performs a measurement three minutes after soft plastic loading.</p> | <p>If enough plastic is detected for block forming, SPC will notify the user on the display, and the user can start the forming process.</p> <p>b. Display notifications: Notifications about the progress will appear on the screen.</p> |
|---|--|

Note: The plastic forming process inside the device involves heating. During block Forming process, a smell similar to that of a laminating machine may occur. If it causes discomfort, ventilate the room.

Step 6: Cooling process

- | | |
|---|---|
| <p>a. The heating chamber heats up to 300°F (a typical heat level for many kitchen appliances) during softening and cools down to 122°F during</p> | <p>the cooling process.</p> <p>b. Block-forming stage complete: After softening is finished, the SPC will switch to cooling mode and display the cooling status.</p> |
|---|---|

Step 7: Removing the block

- | | |
|--|--|
| <p>a. Lid opening: Once cooled, a lid opening notification will appear on the screen.</p> <p>b. Open the lid: Press the “Lid Lock” button.</p> | <p>c. Block ejection: The pressing platform will lift the block from the heating chamber.</p> <p>d. Remove the block*: Remove the block and send it for recycling.</p> |
|--|--|

*** If there is any remaining soft plastic in the device chamber, leave it there. It will become part of the next block.**

Step 8: Preparing for the next load

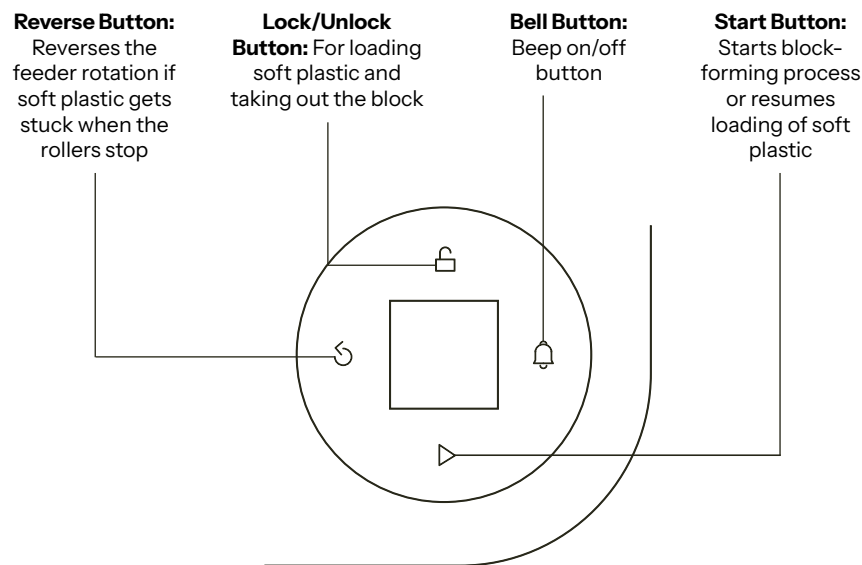
Close the lid. You will hear the lock click into place. The SPC is now ready for more soft plastic.



Scan the QR code or visit <https://onecleardrop.com/spc-manual> to learn how to use your SPC.

SCREEN INTERFACE GUIDE

The following table and picture outline the user interface buttons and their functions. Each button is clearly labeled to guide you through the process of using the SPC.



The following explains the different screens and symbols you may see on the user interface:

#	Window	Description
1	cl	SPC initializing screen
2	clear drop®	SPC initializing screen
3	WELCOME TO THE ZEROTRASH LIFESTYLE!	SPC welcome screen
4	 XX% FULL	SPC is ready for operation
5	 CHECK THE CHAMBER	• This screen may show up after the initialization process if the device detects something inside the heating chamber. • Open the lid and check if the block is ready and remove it. • If block isn't ready, you can simply close the lid and continue to use the device.

#	Window	Description
6	 ADD PLASTIC	- SPC is temporarily unlocked. - SPC is ready to accept soft plastic. - The soft plastic detection sensor is located in the center of the feeder slot. When soft plastic is inserted, the sensor starts the rollers. After the plastic passes through, the sensor will switch the rollers off.
7	 ADD PLASTIC	The ! symbol means that SPC is in long-term unlock mode.
8	 ADD PLASTIC	Compacting request. The device needs to check whether the chamber is filled with soft plastic. This check will be performed automatically 3 minutes after the last loading session.
9	PLASTIC FEED INTERRUPTED HOLD ▷ TO CONTINUE	The system has paused feeding for safety reasons. This means either: - The soft plastic item is longer than usual and needs extra time to load - The soft plastic is stuck between the feeder rollers, causing the motor to stop. What to do: Press and hold the Start button to resume feeding.
10	PLASTIC FEED INTERRUPTED HOLD ↺ TO REVERSE	Soft plastic is stuck between the feeder rollers. The feeder motor has been overloaded and has stopped. Press and hold 1-2 sec the Reverse button to unload and remove the stuck plastic.
11	 FEED IS REVERSING	Feeder rollers are rotating backward to unload soft plastic from the SPC.

#	Window	Description
12	 LOCKED	SPC is locked. Unlock SPC for operation.
13	 COMPACTING IN PROGRESS  TO DELAY	SPC is compressing soft plastic. When the amount of soft plastic is enough for compacting, the platform moves up 3 minutes after the last loading session. If the pressure of compression is enough for block-forming, you'll be given an option to proceed with forming. This process can be postponed by pressing and holding the reverse button.
14	DEVICE IS READY TO FORM PRESS  TO ADD PLASTIC	SPC is full of soft plastic and ready for the block forming process. Hold the lock to be able to add more soft plastic before starting the forming process (up to 3 pcs).
15	PRESS ▷ TO FORM NOW PRESS  TO DELAY	SPC is full of soft plastic and ready for the block-forming process. Press the Reverse button to delay the block-forming process. You can delay for 1-12 hours.
16	DELAY 12H INCREASE  DECREASE 	Setup delay of block-forming process. Press the Bell button to increase delay time (one press adds one hour). Press the Reverse button to decrease delay time (one press subtracts one hour).
17	DELAY 12H CANCEL  ACCEPT ▷	Start or cancel delay. Press the Start button to start the delay timer. Press the Lock button to cancel the delay timer.

#	Window	Description
18	COMPACTING IN 11H 59M CANCEL  START NOW 	Countdown of delay timer. Compacting will run in HH: MM.
19	 FORMING 100%	Progress of block-forming stage.
20	 COOLING 100%	Progress of cooling after forming. Time of cooling is about 3 hours, depending on the ambient temperature.
21	 OPEN LID AND REMOVE BLOCK	Block is ready to be removed. - Open the lid and wait until the block ejects before taking it out. - Close the lid.
22	 LID IS OPEN	The lid is open. Close the lid to continue using the device.
23	PLEASE WAIT	The pressing platform is moving down after the lid has been closed.

#	Window	Description
24	 CALL SUPPORT	Error of operation - Power off and on the SPC. - If the screen appears after powering on, contact us at support@onecleardrop.com
25	 ERROR #XX	Error of operation - Power off and on the SPC. - Contact us at support@onecleardrop.com if the screen appears after powering on.
26	 OVERFILLED	The amount of soft plastic exceeds the limit and can't be compacted. Open the lid and remove a small amount of soft plastic then close the lid. You can reload the removed soft plastic after the block-forming stage.
27	 TEMPERATURE TOO LOW	The ambient temperature is lower than 50°F. The SPC will start after the ambient temperature reaches at least 50°F.
28	 ERROR #25	Error during the block-forming process. Temperature in the heating chamber is higher than 305°F. Switch off the SPC and contact us at support@onecleardrop.com .
29	 CHECK LID	The device lid is not closed. Please close the lid until the lock clicks.

Guide for Effective Recycling

When possible, we recommend removing stickers and food residue from all plastics to keep the SPC clean and running smoothly and to prevent unpleasant odors and food buildup on the rollers or storage area. Also, the cleaner the

plastic is, the higher the quality of re-used plastic products that can be created.

The SPC has specific feeding guidelines. Please follow to ensure safe and proper use.

SPC-friendly plastic waste types

#2 (high density), HDPE

#4 (low density), LDPE

#5 (polypropylene), PP

Expanded Polyethylene (EPE), limited quantities

 Any type of flexible (soft) plastic

 Food wrappers

 Shopping bags

 Bubble wrap

 Cling film

 Stretch wrap

 Zip-lock bags

 Shipping packaging

 Freezer bags

Straws

6-pack can holders

 Other types of soft plastic

There are better ways to recycle these types of waste with recycling bin, curbside pickup and other programs:

- #1, PET (bottles)
- PLA and biodegradable plastics
- Paper
- Glass
- Metal and foil
- Organics

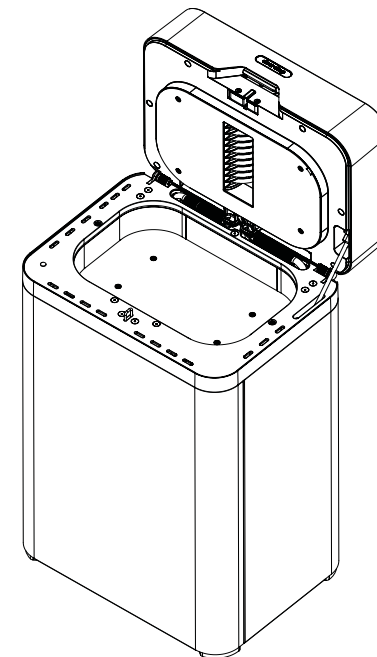
Avoid these plastic types as they are currently not recyclable:

- #3, PVC
- #6, PS and EPS, e.g. foam coffee cups, packing peanuts — not recyclable w/ polyethylene or polypropylene flow
- Takeout containers ("tupperware")
- Celluloid

CLEANING YOUR SPC

The SPC is designed to store soft plastic with minimal contamination. However, during use, it may become dirty. Regular cleaning is crucial to maintain optimal performance. To clean your SPC:

1. Switch off the SPC without closing the lid.
2. Clean the top panel and lid with a damp cloth and detergent. We recommend using a mild alkaline all-purpose cleaner or mixing together 7 oz of water and 2 drops of dish soap in a spray bottle.



IMPORTANT CLEANING TIPS



Avoid the following:

- Spilling excessive liquids on top of the product
- Using abrasive detergents and products, such as:
 - Strong alkalis (e.g., sodium hydroxide), which can corrode the plastic and strip the paint
 - Abrasive powders, which may scratch glossy surfaces or glass
 - Chlorine-based products, which can leave stains

*Use only a soft cloth to clean the user interface of the SPC.

TROUBLESHOOTING

Issue

Soft plastic is wrapping around the rollers

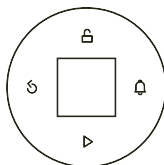


Solution

1. Open the lid.
2. Disconnect the SPC from the power supply.
3. Remove the soft plastic
4. In case soft plastic cannot be removed, contact service.

Issue

Screen is not active



Solution

Plug the power cord back into the socket. Contact Clear Drop Support for diagnostics in case the malfunction persists.

Issue

"Error #" screen appears

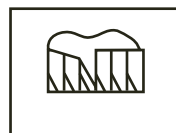


Solution

Power off and on the SPC. If the issue is not resolved, contact Clear Drop Support for diagnostics.

Issue

Soft plastic is stuck in the feeder slot between rollers

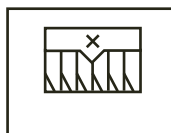


Solution

Hold the "Start" button to feed the soft plastic into the SPC or the "Reverse" button to feed it out of the SPC. If soft plastic can't feed in or out, open the lid and manually remove the soft plastic, then close the lid.

Issue

If an inappropriate or valuable item was added to SPC by mistake



Solution

Unlock the SPC and open the lid. Remove the item and close the lid.

Issue

The power turns off during the block-forming stage



Solution

Turn the power back on. Follow the instruction on the screen. In case the issue is not resolved, contact Clear Drop Support for diagnostics.

CLEAR DROP SUPPORT

We're here to assist you with troubleshooting, guidance, and anything else you need to get your **clear drop®** product performing optimally. Don't hesitate to reach out - we're happy to help!

If you encounter an issue, please contact our customer support team at **support@onecleardrop.com** or leave a message **+1 469-229-7139**.

For more tips, updates, and support, follow us on our social media channels:

Instagram: [one.cleardrop](#)

LinkedIn: [Clear Drop](#)

Facebook: [Group "ZeroTrash® Lifestyle with Clear Drop®"](#)

FREQUENTLY ASKED QUESTIONS

How safe is it to use the SPC at home?

The technology used in the SPC has been thoroughly tested and proven safe. The appliance is not melting plastic, only softening it just enough to make it stick together. The air inside and outside SPC remains clean. This was proven by multiple professional tests for volatile organic compounds in the air.

Has the SPC been tested for harmful gas emissions?

Yes, all of our devices have undergone thorough testing for air quality and safety and have been determined safe for indoor use. The results confirmed that our devices do not exceed the Maximum Allowable Concentration (MAC) of any potentially harmful substances during operation.

How much energy does the SPC consume?

The SPC's monthly power consumption is approximately 3.3 kWh, which translates to around \$0.52 per month, depending on your local electricity rates. It's designed to be high-performing and energy-efficient.

What is the compression capability of the SPC?

The SPC does not apply a fixed compression level. Instead, it adapts to the material being processed. For example, a more rigid plastic can be compressed down to approximately 1/5 its original volume, while lighter materials like bubble wrap can be compressed down to 1/10 its original volume.

What happens to the SPC block after it's made?

We partner with professional recycling facilities to ensure that every block created by the SPC is reintegrated into the circular economy.

To make this process effortless, we will send you envelopes with prepaid shipping labels (included in your plan) so that you can ship your compacted plastic blocks directly to the facility. Unlike grocery store drop-offs or similar products, the SPC guarantees that **no soft plastic is left out of the recycling chain.**

One SPC block can hold approximately one month's worth of plastic waste from a typical household — making it a **compact and easy way to pre-recycle at home.**



Scan the QR code or visit
<https://onecleardrop.com/spc-manual>
to learn how to use your SPC.

WARRANTY

All **Clear Drop®** equipment is covered by a one-year limited warranty from the date your **Clear Drop®** appliance was delivered. The warranty addresses manufacturing defects. Warranty claims must be submitted with proof of purchase.

The warranty covers:

- **Repair:** For minor issues, send us your product and we'll repair it and return it in fully working condition.
- **Replacement:** If repair isn't feasible, we'll provide a replacement.
- **Warranty duration:** Any repaired or replaced product will carry through the remainder of the original warranty period.

The warranty does not cover:

- Damage caused by misuse, improper operation, or failure to adhere to the product's usage instructions.
- Damage resulting from accidents, impacts, drops, or external forces, including exposure to temperatures or environmental conditions lower or beyond the indicated limits in the product documentation.
- Unauthorized modifications, repairs, or alterations made to the product.

- Normal wear and tear, including degradation of components due to regular use.
- Damage caused by the introduction of materials not approved for use in the product, as specified in the product's instructions and guidelines.
- Loss or theft of the product or any of its components.
- Malfunctions or damage resulting from failure to properly clean, maintain, or care for the product in accordance with the provided instructions.
- Issues arising from the use of third-party accessories, consumables, or components not explicitly authorized by **Clear Drop®**.
- Damages or malfunctions caused by electrical surges, power supply issues, or improper voltage connections.
- Products that have been resold, transferred, or purchased from unauthorized distributors or retailers.
- Damage caused by the operation of the product outside of its intended purpose or designated environment.
- Any cosmetic damage — such as scratches, dents, or discoloration — that does not impact the product's functionality.

Clear Drop® products are designed for general household use and are not intended to process materials with specific health, environmental, or performance outcomes.

We do not guarantee that the use of our products will result in any specific health benefits or prevent any health-related issues. You acknowledge that the materials you introduce into **Clear Drop®** products are outside our control, and therefore, we cannot guarantee consistent or ideal results, including the quality or appearance of the processed materials (e.g., "blocks" or other outputs).

Any dissatisfaction with the product use — such as frustration, emotional distress, or dissatisfaction with the quality of processed materials — does not constitute a defect and is not covered under the warranty. The warranty specifically excludes claims related to the suitability, effectiveness, or performance of the product in any particular scenario or with any specific material.

Clear Drop® reserves the right to determine, at its sole discretion, whether a repair or replacement is covered by this warranty. If not, additional fees may apply.

LEGAL NOTICES

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DISCLAIMER

Clear Drop® shall not be held responsible in any manner for any bodily injury and/or property damage arising from the operation or use of this product other than that which adheres strictly to the instructions and safety precautions contained herein and, in all supplements, hereto and according to all terms of warranty and sale relevant to this product.

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