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LifeStraw LMSFB12BLU41

# LifeStraw Mission High-Volume Gravity-Fed Water Purifier

Model: LMSFB12BLU41 | Brand: LifeStraw

## PRODUCT OVERVIEW

The LifeStraw Mission is an advanced gravity-fed water purification system engineered to provide safe drinking water in outdoor and emergency situations. Utilizing an award-winning hollow fiber membrane technology, it effectively filters out harmful contaminants without the need for chemicals, batteries, or moving parts. Its high-volume capacity makes it ideal for groups, ensuring access to clean water from various natural sources.





*Image: The LifeStraw Mission 12L system, showing the blue reservoir bag, filter unit, and connecting hose.*

## COMPONENTS INCLUDED

- Roll-top dry bag reservoir (available in 5L or 12L capacity)
- LifeStraw Mission filter unit with integrated hose
- Shoulder strap for carrying and hanging
- Drawstring stuff-sack for storage
- Four extra pre-filter screens



*Image: All components of the LifeStraw Mission system laid out, including the reservoir bag, filter, and accessories.*

## SETUP INSTRUCTIONS

1. **Unpack Components:** Remove all items from the packaging.
2. **Fill Reservoir Bag:** Open the roll-top dry bag and fill it with untreated water from a lake, river, or stream. The bag features a wide mouth for easy filling.



# INCLUDES:

- ROLL-TOP DRY BAG WITH FILL-MARKER WINDOWS
- SHOULDER STRAP FOR EASY CARRYING AND HANGING
- 18,000 LITRE FILTER



*Image: A person filling the blue LifeStraw Mission reservoir bag directly from a natural water source.*

3. **Seal Reservoir Bag:** Roll down the top of the bag tightly at least 3 times and secure the buckles to create a watertight seal.
4. **Connect Filter Unit:** Attach the filter unit's inlet hose to the outlet port at the bottom of the reservoir bag. Ensure a secure connection to prevent leaks.
5. **Suspend System:** Use the included shoulder strap to hang the filled reservoir bag from a sturdy support, such as a tree branch, allowing gravity to facilitate water flow through the filter. Ensure the filter unit hangs freely below the bag.



*Image: Diagram illustrating the flow of water through the LifeStraw Mission filter, showing dirty water entering, filtration through hollow fibers, and safe water exiting.*

6. **First-Time Flush:** Before first use, or after prolonged storage, it is recommended to flush the filter. Open the blue filtered water tap and allow water to flow through for a few minutes to prime the filter and remove any air bubbles.

## OPERATING INSTRUCTIONS

1. **Gravity Filtration:** Once the system is set up and suspended, gravity will draw water from the reservoir bag through the filter unit.
2. **Dispensing Clean Water:** Open the blue filtered water tap on the filter unit to dispense clean, purified water into your containers.
3. **Flow Rate:** The LifeStraw Mission produces a flow rate of approximately 9-12 liters (2.4-3.2 gallons) per hour, depending on water quality and elevation.



*Image: Two cups, one with murky water labeled 'Turns water like this' and another with clear water labeled 'Into water like this', demonstrating the purification effect.*

## MAINTENANCE

- **Backwashing:** To maintain optimal flow and extend filter life, regularly backwash the filter. Close the blue filtered water tap and open the red backwash tap. Squeeze the red backwash bulb 3 times to force dirty water and trapped contaminants out of the filter. Repeat this process as needed, especially if the flow rate decreases.
- **Pre-Filter Screens:** The system includes four extra pre-filter screens for on-site maintenance. Inspect and clean or replace these screens as necessary to prevent larger debris from entering the filter.
- **Cleaning the Reservoir Bag:** Periodically clean the inside of the reservoir bag with clean water and a mild soap solution. Rinse thoroughly to remove all soap residue.
- **Long-Term Storage:** For long-term storage, ensure the filter is thoroughly backwashed and dried. Store all components in the provided stuff-sack in a cool, dry place.

## TROUBLESHOOTING

- **Slow Flow Rate:** If the water flow rate is slow, perform a backwash as described in the Maintenance section. Ensure the reservoir bag is suspended high enough to provide sufficient gravity pressure. Check for any kinks in the hose.
- **No Water Flow:** Verify that all connections are secure and that the blue filtered water tap is fully open. Ensure the reservoir bag contains water and is properly suspended. If the filter is new, ensure it has been properly primed.
- **Water Taste/Odor:** While the filter removes most impurities, some natural minerals in the source water may affect taste. If an unusual taste or odor persists, ensure proper backwashing and consider flushing the system with clean water.

For more detailed troubleshooting or complex issues, please refer to the official user manual PDF or contact LifeStraw customer support.

## SPECIFICATIONS

Feature	Detail
Brand	LifeStraw
Model Name	Mission
Product Dimensions	12"L x 5"W x 4"H
Item Weight	15.04 ounces (12L)
Filter Lifespan	18,000 liters (4,755 gallons)
Maximum Flow Rate	9-12 Liters Per Hour
Removes	99.9999% of bacteria, 99.99% of protozoa, 99.999% of viruses
Material	BPA-free plastic, Hollow Fibre
Color	Blue

## WARRANTY & SUPPORT

The LifeStraw Mission High-Volume Gravity-Fed Water Purifier comes with a **1-Year Warranty** from the manufacturer.

For comprehensive information, detailed diagrams, and additional support, please refer to the official [LifeStraw Mission User Manual \(PDF\)](#).

For customer service inquiries, please visit the [LifeStraw Store on Amazon](#) or contact LifeStraw directly through their official website.

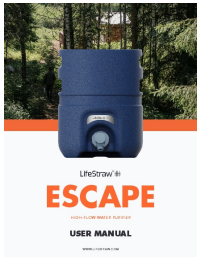


## Related Documents - LMSFB12BLU41



## LifeStraw ESCAPE High-Flow Pressurized Purifier Storage Instructions

Detailed storage instructions for the LifeStraw ESCAPE High-Flow Pressurized Purifier, covering both short-term and long-term storage procedures to maintain filter integrity.



## LifeStraw Escape High-Flow Water Purifier User Manual

Comprehensive user manual for the LifeStraw Escape High-Flow Water Purifier, covering setup, operation, maintenance, filter replacement, storage, and technical specifications. Learn how to use and care for your LifeStraw Escape for safe drinking water.



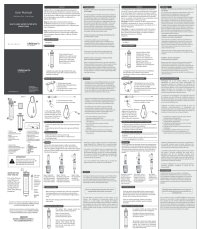
[LifeStraw Go User Manual: Filtered Water On-the-Go](#)

Comprehensive user manual for the LifeStraw Go water filter bottle, providing instructions for first-time use, daily use, cleaning, storage, and important safety precautions. Learn how to ensure safe drinking water from various sources.



[LifeStraw Personal User Manual: Safe Water Filtration Guide](#)

Detailed user manual for the LifeStraw Personal water filter. Learn how to use, maintain, and safely operate your filter for clean drinking water. Includes tips, safety warnings, and information on LifeStraw's social impact initiatives.



LifeStraw Flex Gravity Bag User Manual

User manual for the LifeStraw Flex with Gravity Bag, a multi-user water filter. This guide provides instructions on first-time use, daily use with different configurations (straw, bottle, gravity bag), cleaning, troubleshooting, and replacing the carbon capsule. It details the filter's stages and performance.



## LifeStraw Flex Filter: Long-Term Storage and Unclogging Instructions

Comprehensive guide for LifeStraw Flex filter users on proper long-term storage procedures to prevent clogging and instructions for unclogging the filter using coconut milk.