

# **ENGLISH USER GUIDE**



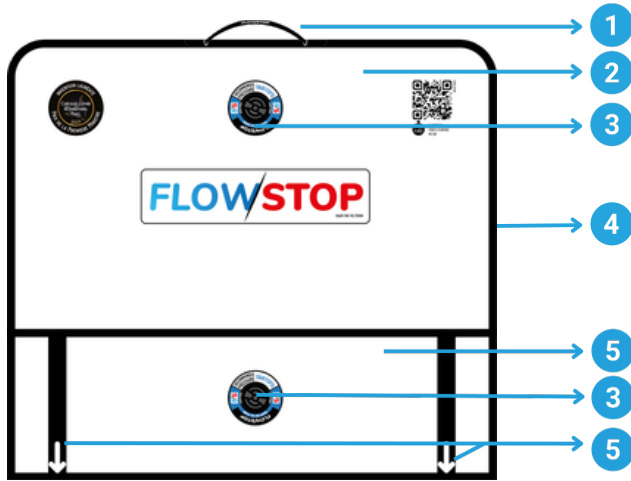
# **WELCOME**

**HOPEFULLY NEVER  
NEEDED, BUT KEEP THIS  
GUIDE SAFE JUST IN CASE.**

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# 1 - THE FLOWSTOP



- 1 HANDLE**  
Conveniently placed to carry or hang your FlowStop
- 2 TOP CHAMBER**  
Always inflated first
- 3 TWO INFLATION VALVES**
- 4 GASKET**
- 5 TWO HEIGHT MARKER STRIPS**  
The markers need to touch the floor when you set up your FlowStop
- 6 LOWER CHAMBER**  
Always inflated last

# 2 - ACCESSORIES

## 1. THE MANUAL PUMP HP2



### MODES

The pump has 2 modes:

- **Mode 1:** With the small cap in place (push and pull action) – provides balanced resistance.
- **Mode 2:** Without the cap, continuous suction action, provides lower resistance, making it easier to reach 15 PSI.

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THE VIDEO



### TO INFLATE

- Connect the hose to the INF outlet (on the same side as the FlowStop logo)



It is normal for the needle to not move at first.  
It takes at least 1.5 to 2 PSI for the needle to move.

### TO DEFLATE

- Connect the hose to the DEF outlet on the other side of the pump.
- Don't hesitate to use this mode to fully deflate your FlowStop before folding and storing it.

## 2. THE MANUAL PUMP HP6



The pump can run on 3 different modes, affecting speed and resistance:

- **In mode 1** (Middle): both cylinders work when you push down and pull up, creating strong resistance/ fast speed.
- **In mode 2** (left side): both cylinders work only when you're pushing down, creating a medium resistance/speed.
- **In mode 3** (right side): one cylinder works, only when you're pushing down, resulting in minimal resistance/ slowest speed.

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### TO INFLATE

- Connect the hose to the INF outlet (on the same side as the FlowStop logo)



It is normal for the needle to not move at first.  
It takes at least 1.5 to 2 PSI for the needle to move.

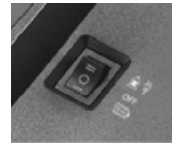
## 2. THE ELECTRIC PUMP



- |                    |                                                    |
|--------------------|----------------------------------------------------|
| 1 Run/Stop switch  | 2 "+" button                                       |
| 3 "PSI/BAR" button | 4 "-" button                                       |
| 5 Display screen   | 6 Air inlet                                        |
| 7 Power mode       | 8 Air outlet                                       |
| 9 Handle           | 10 DC charging port<br>(DC charging cable storage) |
| 11 Battery port    | 12 AC charging port                                |

Your electric pump can run in 2 different modes:

- Mode 1: Battery-powered
- Mode 2: 220 V wall outlet or 12 V car outlet.
- Insert one of the air hoses into the inflation port (the one with the arrow), tighten it, and connect the appropriate nozzle.



- Press the "PSI/BAR" button to select the pressure unit, then set the desired inflation pressure to either 15 PSI or 1 BAR using the "+" and "-" buttons, and insert one of the air hoses into the inflation port (the one with the arrow), tighten it, then connect the appropriate nozzle.
- The pump will automatically stop once it reaches 15 PSI or 1 BAR.



When the compressor starts, the pump will start making a loud noise.



Do not operate the pump for more than 40 minutes continuously. If you reach this limit, allow the pump to rest for 20 minutes before using it again.

## DEFLATION MODE

- Follow the same step but plug the hose in the deflation port (the one on the side of the digital screen).

## THE BATTERY

The battery comes with 2 chargers: an AC charger for charging at a wall outlet 220 V, and a 12 V charger for charging in a car.

The battery charges separately from the pump:

- Remove the battery from the pump
- Plug the desired cable inside the battery.
- Use the digital screen on the battery to check if it is fully charged
- Reach out to us if you need an additional battery



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THE VIDEO



If you have a large amount of FlowStops to inflate, consider acquiring a second pump to reduce the inflation time.



You cannot charge the battery while it is connected to the pump.

## 5. STRAPS (+ THAN 200 CM)

Straps are only necessary if your FlowStop is wider than 200 cm. For those FlowStops, the following will be included. Refer to pages 33 to 35 to know where and how to install them.

### INCLUDED IN YOUR ORDER



Straps & Carabiners



D anchors

### ADDITIONAL TOOLS NEEDED



Duct tape



Measuring tape



Pen



Hammer drill



Screwgun



Concrete anchors & screws suitable for a minimum load of 660 lbs

# 3 - HOW DOES IT WORK?



The FlowStop flood barrier consists of two cushions in a double-chamber design. The upper cushion is always installed first.

The top cushion, once inflated, pushes sideways against the walls, locking the device in place and acting as a ceiling for the lower cushion.

The lower cushion is stuck under the upper cushion, with seemingly not enough space to expand. Its upward movement is blocked by the top cushion, forcing it to press firmly against the ground, compressing the gasket to create a watertight seal. The FlowStop does not have a front or a back side. Feel free to position it where the valve is most convenient for you.

## WALL SURFACES

1. Make sure your frame is strong enough. The pressure of your FlowStop would crush drywall or most decorative walls. Only use FlowStop against concrete, brick, blocks, pavers, beams, or double studs.
2. If your surface is too slick, like aluminum or painted wood, your FlowStop will slide up instead of pressing down. In this situation apply an anti-slip strip on the wall.



We recommend that you test and learn how to use your FlowStops as soon as you receive them.

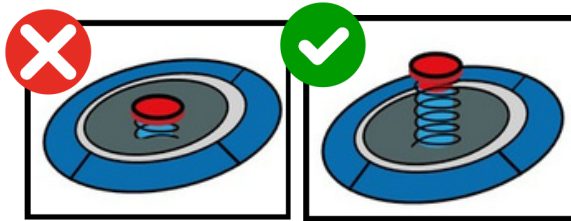
# 4 - SET-UP OF YOUR FLOWSTOP

The FlowStop units under 200 cm wide do not require straps. For larger sizes, refer to the "Straps" section (p.33).

## 1. PRE-INFLATE YOUR UPPER CUSHION

Make sure your valve is in "Inflation Mode": The red bits need to be pushed out.

Connect your pump to the FlowStop.

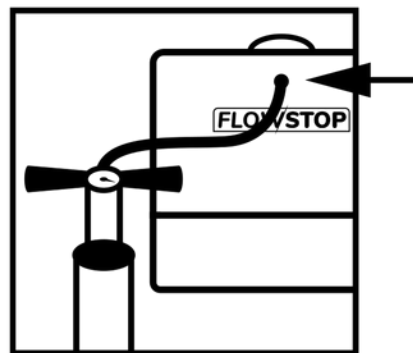


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THE VIDEO



Turn your hose a quarter turn to the left, then connect it to the valve, then release the tension.

Pre-inflate the upper cushion to 1 PSI. This allows the barrier to take shape while remaining flexible enough to be easily positioned within the opening.



## 2. POSITION YOUR FLOWSTOP

Vertical V Technique: To correctly position the FlowStop in your opening.

Horizontal V Technique: To ensure both bands are properly in contact with the ground.



Vertical V technique

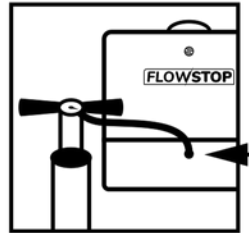


Horizontal V technique

## 3. INFLATE YOUR FLOWSTOP TO 15 PSI

Inflate the top cushion to 15 PSI.  
Then, inflate the bottom cushion to 15 PSI.

Your FlowStop won't work if you don't inflate it to 15 PSI pressure.



You might not see a visual difference between 10, 12 or 15 PSI. The difference is huge nonetheless.



**NOTE:** Your FlowStop must be inflated to 15 PSI.

### Conditions of Use

The device can remain installed and inflated for a maximum of 2 weeks.

Beyond this period, the sealing and resistance performance may no longer be optimal.

Therefore, it is recommended to check the device's pressure every two weeks.

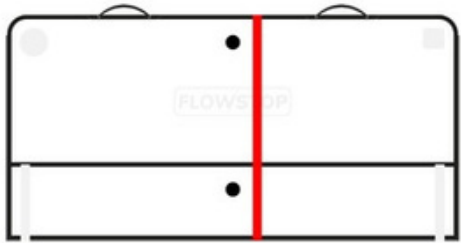
# 5 - THE STRAPS

TO INSTALL THE STRAPS, YOU MUST FIRST MARK THE POSITION OF THE STRAPS AND THE ANCHORS.  
POSITION OF THE STRAPS

## FLOWSTOP 201 CM < WIDTH < 230 CM

### 1 STRAP

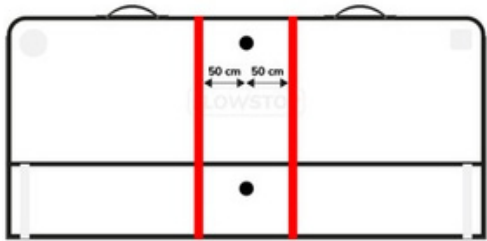
Place the strap 5 cm to the right or left of the valve for a water height greater than 40 cm.



## FLOWSTOP 231 CM < WIDTH < 350 CM

### 2 STRAPS

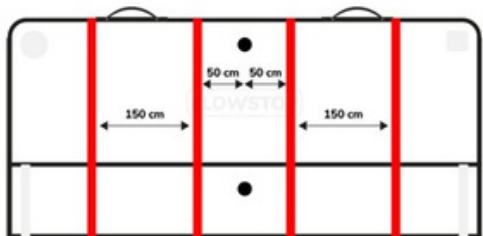
Place the 2 straps 50 cm on each side of the valve of the valve.



## FLOWSTOP 351 CM < WIDTH

### 4 STRAPS

Place the 2 first straps 50 cm on each side of the valve. Then maintain a 150 cm gap between the first and second straps on each side.



# STEP BY STEP THE ANCHORS

## 1. POSITIONING THE ANCHORS

- Place the anchors on the ground and mark their locations.
- Respect a spacing of 25 to 30 cm, taking into account the thickness of the FlowStop.



## 2. GROUND FIXING

- Drill the ground to the diameter corresponding to your concrete anchor dowels.
- Then install the ground fixings.



## 3. SETTING UP THE STRAPS

- Attach the straps to each side of the FlowStop using the carabiners on the ground anchors.



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THE VIDEO



## 4. STRAP TENSIONING (UPPER CUSHION)

- Inflate the upper cushion to 15 PSI.
- Fix and tension the straps on each side of the FlowStop



## 5. INFLATION OF THE LOWER CUSHION

- Inflatethe lowercushion to 15PSI.
- This will allow the straps to exert pressure on the FlowStop and prevent any upward movement.



## 6. FINAL VERIFICATION

- Ensure thatthe FlowStop seal is properly compressed along its entire length on the ground.
- This step confirms that the straps are correctly installed.



# 6 - HOW DO I TEST MY FLOWSTOP?

## 1. LOOK & TOUCH THE GASKET

Make sure you are not seeing or feeling any gap.

With a flashlight make sure you are not seeing any light going through.

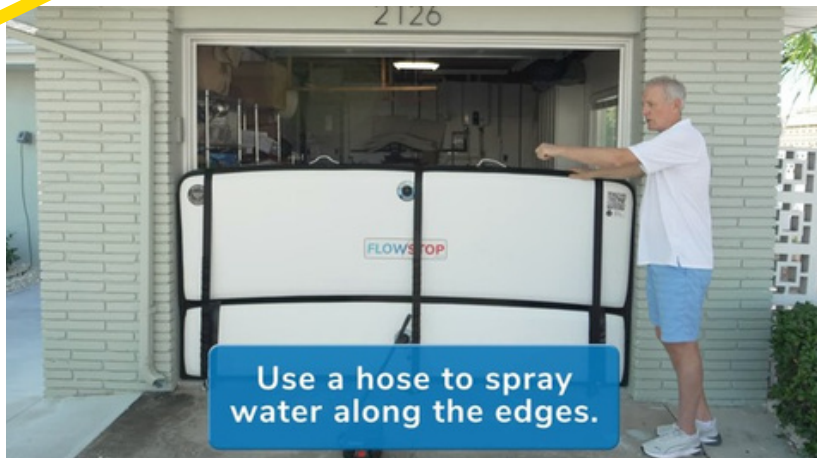
## 2. USE A FLASHLIGHT

## 3. USE A WATER HOSE

Use a water hose to make sure there is no leakage.



Do not use a power wash!



# 7 - TROUBLESHOOT

## 1. SMALL GAPS

- a. Make sure your FlowStop is inflated to 15 PSI.
- b. Deflate your FlowStop, reposition it a little lower, and re-inflate your FlowStop.
- c. Contact us and send us a picture of the small gap.

## 2. THE AIR IS LEAKING

- a. Tighten the valve. Use the wrench key that was delivered. Deflate your FlowStop. Grab the valve from the back of the FlowStop, hold it tight, then using the wrench clockwise, tighten the valve.
- b. Look for a puncture. Use a soap and water solution to identify the leak
- c. Use the repair kit to patch the puncture.

## 3. MY FLOWSTOP BULGES

It is normal for a FlowStop to bulge. Make sure your gasket is sealed correctly and the FlowStop is inflated to 15 PSI.

## 4. PUMP - THE NEEDLE IS NOT MOVING

It is extremely rare that the needle is broken, in most cases the device is simply not inflated enough. It takes at least 1.5 to 2 PSI for the needle to move.

# 8 - STORAGE

To ensure your FlowStop stays in optimal condition when not in use, it's important to store it properly.

You can store the FlowStop either:

Partially inflated by the handle

Fully deflated



Be careful not to compress the gaskets too much, as excessive compression can cause damage and reduce their effectiveness.



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THE VIDEO



Always store the FlowStop in a place where the temperature does not exceed 120°F to protect the materials from heat damage.



Store your FlowStop away from rodents.



Proper storage will extend the life of your FlowStop and ensure it is ready for effective use when needed.

# 9 - MAINTENANCE

How to use the wrench to tighten the valve.



- Deflate your FlowStop
- Use the wrench provided in your kit
- Hold the back of the valve from the back of the FlowStop
- Tighten the valve using the wrench



The provided wrench is a standard wrench with 6-holes and can be found online or in any inflatable paddle board shop.

# 10 - USEFUL LINKS



TUTORIAL  
VIDEOS

YOUTUBE  
CHANNEL



LEAVE A  
REVIEW

## CONTACT & MORE



E-mail us at [support@flowstop.fr](mailto:support@flowstop.fr)



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<https://www.flowstop.co/en>

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# FLOWSTOP

