

# OSPREY HYDRAULICS™

by **Hydrapak®**



HYDRAULICS™ LT  
1.5L RESERVOIR



HYDRAULICS™ LT  
2.5L RESERVOIR



HYDRAULICS™  
2L RESERVOIR



HYDRAULICS™  
3L RESERVOIR

Osprey Hydraulics™ Reservoirs by Hydrapak® elevate hydration performance in a lightweight, simple and functional package.

## OWNER'S MANUAL



[ospreypacks.com](http://ospreypacks.com)

# OVERVIEW



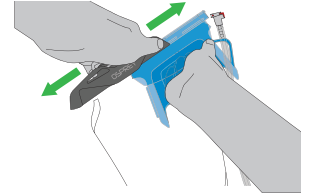
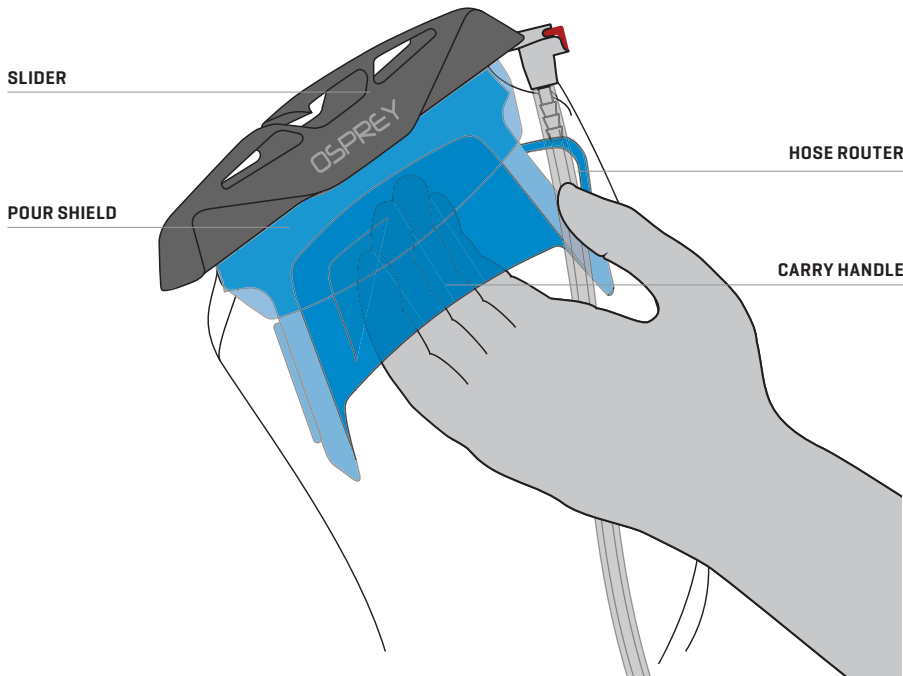
## SHARED FEATURES

- 1 Slide-Seal™ closure creates a secure, leak-proof seal
- 2 Osprey's exclusive molded cuff handle offers secure grip while filling, pouring, opening and closing the reservoir
- 3 Flexible 3/4"/6.35 mm TPU hose resists kinks and allows fast water flow
- 4 Wide-mouth opening with Osprey's exclusive PourShield™ that makes filling and emptying easy
- 5 Built-in hose guides to route the drink tube to either the right or left side
- 6 Open hook on slider simplifies hanging in any pack
- 7 QuickConnect™ system allows easy removal/filling of the reservoir and filtering in the backcountry
- 8 Blaster™ bite valve with twist on/off valve offers ergonomic drinking angle and great flow
- + Magnetic clip secures hose to sternum strap quickly and easily
- + Highly durable TPU [thermoplastic polyurethane] film is flexible, resilient and BPA/PVC-free
- + Radio frequency welded seams are bonded at the molecular level, ensuring reliable performance
- + Dishwasher safe [top rack]

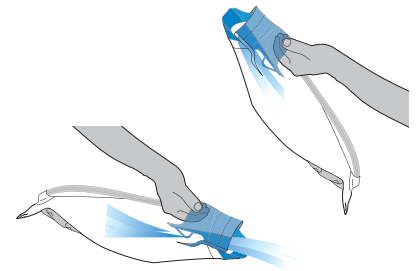
# OVERVIEW



## KEY FEATURES



- + The cuff offers secure grip while attaching or removing the slider, as well as a comfortable handle for carrying



- + The PourShield™ extends the collar for easy filling in shallow sinks and streams or when pouring into pots or bottles
- + The carry handle eases slider removal attachment and provides a convenient and comfortable handle for filling and maneuvering the reservoir in and out of your pack

# OVERVIEW



## HYDRAULICS™ 2.5L LT RESERVOIR

SPECS	ONE SIZE	UNIQUE FEATURE
Cubic Inches	85	+ Welded chevron baffles prevent sloshing and trim reservoir profile
Liters	2.5	
Kilograms	0.17	
Ounces	6	
Inches	15.4 x 7.5 x 2.4	
Centimeters	39 x 19 x 6	



## HYDRAULICS™ 1.5L LT RESERVOIR

SPECS	ONE SIZE	UNIQUE FEATURE
Cubic Inches	50	+ Welded chevron baffles prevent sloshing and trim reservoir profile
Liters	1.5	
Kilograms	0.17	
Ounces	5.6	
Inches	12.6 x 7.5 x 1.6	
Centimeters	32 x 19 x 4	



## HYDRAULICS™ 3L RESERVOIR

SPECS	ONE SIZE	UNIQUE FEATURE
Cubic Inches	100	+ HydroStatic™ backerplate stiffens reservoir to ease loading in packs with a hydration sleeve
Liters	3	
Kilograms	0.22	
Ounces	7.8	
Inches	15.4 x 7 x 3.1	
Centimeters	39 x 18 x 8	



## HYDRAULICS™ 2L RESERVOIR

SPECS	ONE SIZE	UNIQUE FEATURE
Cubic Inches	70	+ HydroStatic™ backerplate stiffens reservoir to ease loading in packs with a hydration sleeve
Liters	2	
Kilograms	0.21	
Ounces	7.4	
Inches	13.8 x 5.9 x 2.6	
Centimeters	25 x 15 x 6.5	



# DIRECTIONS & FEATURES



## HOW TO FILL



1. To fill your reservoir, remove the Slide-Seal™ and unfold the PourShield™.



2. Pinch the PourShield™ with one hand to create a wide opening, and hold the carry handle with the other hand for stability while filling.



3. Replace the Slide-Seal™ and tip the reservoir upside down to check for leaks, then suck excess air out to prevent unnecessary sloshing.

## INSIDE YOUR PACK



All Osprey Hydraulics™ reservoirs by Hydrapak™ have a hook in the middle of the slider to hang from webbing loops commonly found in backpack reservoir sleeves to keep them upright inside your pack.



The backerplate on our 2L and 3L reservoirs makes inserting a full reservoir into your pack easy by providing structure. The secure grip on the carry handle assists in removal of reservoirs. It is easier to pack a full reservoir into an unloaded pack but is still achievable when your pack is stuffed.



### SLIDE-SEAL™

Grab the slider with one hand and the carry handle with the other and pull in opposite directions. The slider can be reversed by unthreading the tether from the carry handle and girth-hitching it onto the opposite side.

# DIRECTIONS & FEATURES



## QUICKCONNECT™

The QuickConnect™ feature eliminates the need to unthread your reservoir tubing from your pack. Press the red release button to separate the reservoir from the tubing and bite valve, and remove the reservoir from your pack.



If you prefer to route your reservoir hose to one side of your pack you can adjust this by disconnecting the tubing and rethreading it on the other side of the carry handle.



Our QuickConnect™ kit allows you to attach most water filters directly to the reservoir for easy filling in the backcountry. Simply reconnect the QuickConnect™ and listen for a click sound to ensure proper attachment when you are done.



## BLASTER™ BITE VALVE

A  $\frac{1}{4}$ -turn to the right closes the valve to prevent accidental leakage, and  $\frac{1}{4}$ -turn to the left opens the valve for free-flowing hydration. Light pressure when biting opens the valve to keep you hydrated.

## CLEANING AND STORAGE

A thorough rinse and air dry is all you should need to keep your reservoir tasting like the liquid it contains and nothing else.

## HOT LIQUIDS

Osprey Hydraulics™ Reservoirs by Hydrapak® accommodate liquids between 32-140 degrees Fahrenheit [0-60 degrees Celsius].

# RESERVOIR MAINTENANCE



Your Osprey Hydraulics™ Reservoir is an extremely durable product and is built for years of use. However, some basic maintenance will help ensure your reservoir lasts a lifetime.

## OSPREY RESERVOIRS

### RESERVOIR STANDARD MAINTENANCE

- + Rinsing out your reservoir after each use should keep your reservoir fresh, especially when using sugary drink mixes.
- + Store in a clean and dry place.
- + Periodically use Osprey's Hydraulics™ Cleaning Tablets to clean your reservoir.
- + Iodine or other purifying tablets used in your reservoir will not affect the quality of your reservoir. However these tablets may stain the reservoir over time, which is normal.
- + Freezing your reservoir will not effect the quality of the reservoir. However, if the reservoir is filled with water be aware that water expands when it freezes and can damage your reservoir if it is over filled.
- + Do NOT pour boiling water into the reservoir. This can damage the reservoir and will void your warranty.
- + Watch "Cleaning an Osprey Hydraulics™ Reservoir" video on Osprey Packs' YouTube® page.

### CLEANING YOUR RESERVOIR (WITH OSPREY HYDRAULICS™ CLEANING TABLETS)

- 1 Fill the reservoir with warm water. Do not use bleach or boiling water.
- 2 Add one cleaning tablet to the reservoir, and close the Slide-Seal™.
- 3 Let the tablet dissolve for 5 minutes with the reservoir flat on its back.
- 4 Shake the reservoir for 30 seconds to mix and disperse the solution.
- 5 Pinch the bite valve and squeeze the reservoir to remove air, then fill the reservoir hose and bite valve with solution.
- 6 Let the reservoir sit for 15 minutes, then pour out solution.
- 7 Rinse the reservoir and tube with cool, clean water.
- 8 Hang your reservoir to dry in a well-ventilated area.

### DEEP-CLEANING YOUR RESERVOIR (WITH OSPREY HYDRAULICS™ CLEANING KIT)

- 1 Rinse out the reservoir and fill it with warm water and a mild dish detergent. Do not use bleach or boiling water.
- 2 Scrub the interior of the reservoir with the large cleaning brush from Osprey's Hydraulics™ Cleaning Kit.
- 3 Remove the hose from the reservoir and the bite valve from the hose and use the small brush from Osprey's Hydraulics™ Cleaning Kit to scrub the interior of the hose.
- 4 Remove the silicone bite valve cover and clean it and the bite valve with warm soapy water.
- 5 Rinse the interior and exterior of the reservoir, hose and bite valve parts with cool, clean water.
- 6 Let the hose and bite valve dry in a well-ventilated area.
- 7 Insert Osprey's Hydraulics™ Cleaning Kit drying rack into the reservoir and hang to dry in a well-ventilated area.

Some users may initially notice a plastic-like taste when using any of our products made with TPU. This taste typically subsides over time and can be eliminated by simply squeezing juice from a lemon into the product, filling it with water, then freezing it. After frozen, remove, thaw and rinse.

For complete instructions on cleaning your Osprey reservoir watch, "Cleaning an Osprey Hydraulics™ Reservoir" at [youtube.com/user/ospreypacks](https://www.youtube.com/user/ospreypacks)

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## OSPREY ACCESSORIES

Customize and protect your pack with Osprey's full line of accessories. For the full lineup, please visit your local Osprey retailer or visit: [ospreypacks.com](http://ospreypacks.com).

## PACK YOUR PACK

Loading your pack correctly optimizes comfort while you are carrying it. For complete information visit: [ospreypacks.com/PackTech/HowToPackYourPack](http://ospreypacks.com/PackTech/HowToPackYourPack)

## GUARANTEE

At Osprey, sustainability is designed into our packs, which are built to last a lifetime and backed by a superb guarantee, no matter how hard you are on your gear. Visit [ospreypacks.com](http://ospreypacks.com) for details.

## QUESTIONS?

Contact Osprey Customer Service. Real help from real people. Scroll over the customer service tab at [ospreypacks.com](http://ospreypacks.com).

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## [ospreypacks.com/PackTech/OwnersManuals](http://ospreypacks.com/PackTech/OwnersManuals)

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에서 사용자 설명서를 다운로드하세요

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## OWNER'S MANUAL

