

OSPREY UNLTD™ SERIES



♂ Men's Osprey UNLTD AirScape® 68

♀ Women's Osprey UNLTD AirScape® 68

Welcome to Osprey. We pride ourselves on creating the most functional, durable and innovative carrying product for your adventures. Please refer to this owner's manual for information on product features, use, maintenance, customer service and warranty.

OWNER'S MANUAL

OSPREY **UNLTD™**

[osprey.com](https://www.osprey.com)

OVERVIEW



Osprey UNLTD AirScape® Suspension

A remarkably comfortable carry with heavier loads.



SHARED

- 1 Osprey UNLTD AirScape suspension
 - 2 Convertible Top-Lid Daypack with water-resistant coated zippers
 - 3 Large panel access with laminated zip flaps
 - 4 TPU cast anti-abrasion panels
 - 5 Variable woven ski loops and tuck-away axe loops
 - 6 Removable sleeping pad straps
 - 7 Large, versatile hipbelt pockets
 - 8 Externally accessed reservoir sleeve
 - 9 Injection-molded hydration hose routers
 - 10 Stow-On-The-Go trekking pole attachment
 - 11 High tenacity nylon ripstop raincover located in base zippered pocket
- + Zip-away FlapJacket covers top opening for lidless use
 - + Super strong and break resistant YKK buckles
 - + Compression divider for sleeping bag storage
 - + Custom Airporter travel cover with lockable zippers
 - + Twin front pockets

MAIN FABRIC

210D High Tenacity Nylon Ultra-High-Molecular-Weight Polyethylene Ripstop, PFC-free DWR

ACCENT

210D High Tenacity Nylon Ultra-High-Molecular-Weight Polyethylene Ripstop, PFC-free DWR

BOTTOM

500D bluesign® approved recycled High Tenacity Nylon, PFC-free DWR

- + The high tenacity nylon used in our main fabrics delivers substantially improved performance compared to regular nylon. Its polymer structure gives it a higher melting temperature, which improves abrasion resistance, and greater tensile strength, which improves tear strength.
- + On top of that, the main fabrics include a UHMWPE double ripstop grid to further reinforce the fabric. UHMWPE, or ultra-high molecular weight polyethylene, is a lightweight yarn with a tensile strength 10 times that of steel. The grid adds tremendous durability to the fabric.



OVERVIEW

AIRSCAPE 68 MEN'S

SPECS	S/M	L/XL
Cubic Inches	4150 in.	4394 in.
Volume	68 L	72 L
Dimensions	32.28 H x 15.75 W x 15.35 D in. 82 H x 40 W x 39 D cm.	34.25 H x 15.75 W x 15.35 D in. 87 H x 40 W x 39 D cm.
Pack Weight with Lid	6.06 lbs. 2.748 kg.	6.47 lbs. 2.934 kg.
Pack Weight with Lid & Raincover	6.27 lbs. 2.844 kg.	6.69 lbs. 3.034 kg.
Removable Lid Weight (AirScape DayLid)	0.754 lbs. 0.34 kg.	0.754 lbs. 0.34 kg.
Aircover Weight	1.036 lbs. 0.469 kg.	1.036 lbs. 0.469 kg.



AIRSCAPE 68 WOMEN'S

SPECS	XS/S	M/L
Cubic Inches	3906 in.	4150 in.
Volume	64 L	68 L
Dimensions	29.53 H x 15.75 W x 15.35 D in. 75 H x 40 W x 39 D cm.	31.5 H x 15.75 W x 15.35 D in. 80 H x 40 W x 39 D cm.
Pack Weight with Lid	5.79 lbs. 2.626 kg.	5.84 lbs. 2.648 kg.
Pack Weight with Lid & Raincover	6.01 lbs. 2.726 kg.	6.05 lbs. 2.744 kg.
Removable Lid Weight (AirScape DayLid)	0.754 lbs. 0.34 kg.	0.754 lbs. 0.34 kg.
Aircover Weight	1.036 lbs. 0.469 kg.	1.036 lbs. 0.469 kg.



CARRY



AUTOLIFT SYSTEM

- + No need to adjust and readjust load lifters while hiking. AutoLift automatically engages the upper frame of the pack, keeping the load close to back, stable and in proper balance.
- + Works directly with CamLock Torso Adjustment System to quickly set the optimal position for shoulder straps.

TORSO LENGTH GUIDELINES

- + Provides quick confirmation that the harness is set evenly on both sides.

STERNUM STRAP

- + Easily tracks up and down to allow optimal positioning and comfort.
- + Buckle includes built-in safety whistle.

AIRSCAPE VACUUM-FORMED POLYCARBONATE FRAMESHEET

- + Maintains a consistent close-to-body fit, regardless of load.
- + High-strength, lightweight polycarbonate framesheet is thermoformed to deliver specific flex characteristics and ventilation.
- + Vertical channels are molded in to create stiffness that prevents collapse under load.
- + Horizontal channels prevent barreling of the backpanel, ensuring consistent fit.
- + All channels serve to ventilate the backpanel, maintaining comfort.

MOLDED EVA PADDING

- + Provides durable cushioning and ventilating channels that promote air movement and cooling.

HIGH CARBON STAINLESS STEEL FRAME

- + Strong, durable stainless steel wire frame integrates with framesheet to support loads.
- + Lower end of the frame wraps out onto the sides of the hipbelt to distribute load broadly for improved comfort and better balance on the trail.
- + Unique ReCurve shape provides shock absorption to improve load carrying comfort.

CAMLOCK TORSO LENGTH ADJUSTMENT

- + Micro-adjustable self-locking cams allow torso length to be quickly and easily adjusted to a perfect fit while the pack is worn.

3D PRINTED FITSCAPE™ LUMBAR WITH CARBON® DLS™ TECHNOLOGY

- + Advanced 3D printing technology delivers a uniquely supportive lumbar pad.
- + Flex and shape are tuned to support load evenly and reduce pressure points.
- + Open structure ventilates and reduces heat buildup.
- + Polymer compound grips securely to promote load transfer and eliminate slippage.

FIT-ON-THE-FLY® HIPBELT

- + Highly evolved hipbelt is adjustable to deliver the right amount of wrap for ultimate comfort.
- + Hook/loop overlay securely anchors frame to hipbelt for outstanding load transfer, separates easily to allow quick length adjustment.
- + Silicone grip stripes prevent slippage under load.

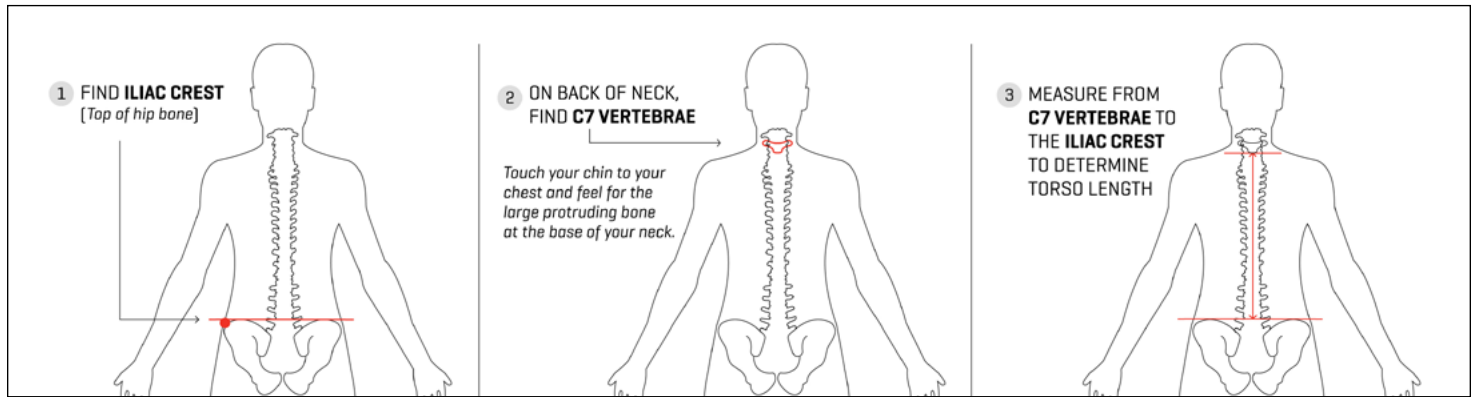
ERGOPULL HIPBELT ADJUSTMENT

- + Provides natural leverage to ensure hipbelt is tight enough to properly support load.

SIZING / FIT

The Osprey UNLTD AirScape is designed to deliver outstanding comfort on the trail through the use of technologically advanced materials and versatile fit adjustments. The packs are available in men's and women's fit, in two sizes each. Sizing is based on torso length, as measured from the top of the hipbones to the C7 vertebra. Choosing the correct size is the critical first step.

HOW TO MEASURE FOR TORSO SIZE



Fitting involves adjusting the pack to optimize comfort. Fitting begins with setting the torso length of the pack and then fine tuning the harness and hipbelt lengths to user preference. After initial adjustments are made, it is good practice to take the pack on a test hike with a moderate load to further evaluate the comfort. All settings can be quickly readjusted in the field. It should be expected that tweaking the fit under load and in use is key to getting the most out of the pack design.

PACK FIT INSTRUCTIONS



1 PREPARE THE PACK

Release the Torso Length Adjuster CamLock buckle by lifting up on the tab and sliding the shoulder strap yoke up to its upper position. This will require alternately releasing one side and sliding the yoke upward as far as it goes and then repeating on the other side until the yoke reaches the top of its adjustment range.

Loosen the pack's hipbelt and harness webbing to make it easy to put the pack on.

Without weight in the pack, it is difficult to properly adjust for fit, so load the pack with 10-20 lbs./4-9 kg. of gear.

2 POSITION THE PACK

Put the pack on and position the hipbelt so the iliac crest (upper edge of hipbone) is about 1.5" (4 cm.) below the upper edge of the belt. While hipbelt position is a matter of personal preference and specific body geometry, this recommendation is a solid starting point that delivers an excellent balance of load transfer and freedom of motion.



3 BUCKLE HIPBELT

Buckle and tighten the hipbelt evenly using Osprey's cross-body ErgoPull. The padding on the hipbelt is adjustable for length, but that step will come later. For now, it is OK to leave it in the original position.

SIZING / FIT

PACK FIT INSTRUCTIONS (CONTINUED)



4 SHOULDER STRAP ADJUSTMENT

Tighten the shoulder straps enough to draw the pack securely against the back. AutoLift automatically engages the upper frame of the pack. The upper portion of the shoulder straps should be floating above shoulder level at this point, leaving a gap.

Buckle the sternum loosely and position it so it sits about 2" below the collarbones. The sternum strap webbing adjusts for position up and down by sliding on a fabric covered rail.



5 SETTING TORSO LENGTH

The Torso Length Adjuster webbing runs through the two CamLock buckles on either side of the backpanel of the pack. Pull down on the webbing loops to lower the shoulder straps just to the point where the padding of the straps makes good contact with the top of the shoulders. Pulling too far will begin to lift the hipbelt off the correct position on the hipbones.



6 CHECK TORSO LENGTH

Locate the harness yoke—this is where the harness straps come together near the base of the user's neck. Locate the C7 vertebra—the large protruding bone at the base of the neck. The yoke should be positioned 1 in./2.5 cm. – 2 in./5 cm. below the C7 vertebra. When properly positioned, the shoulder straps should not slip off the sides at the shoulder or put undue pressure on the neck.



7 CHECK HARNESS FIT

The harness straps should wrap fully around the shoulders with no gaps between the pack and back. The AutoLift system automatically positions the shoulder strap padding and should extend 2" or more below the armpits



8 TENSION THE STERNUM STRAP

Check the sternum strap and readjust if necessary to a position approximately 2 in./5 cm. below the collarbone and tightened only enough pull light tension. The shoulder straps should be pulled lightly in across the chest to allow comfortable arm swing, but not so much as to deform or lift them off the body.

ADJUSTING YOUR PACK

CUSTOM FIT-ON-THE-FLY HIPBELT



The customizable hipbelt pads extend directly from the lumbar to accommodate different hip shapes and sizes and provide a fine-tuned fit. Ideally, the end of the padding should be adjusted to reach beyond the front edge of the iliac crest to reduce pressure on this sensitive spot.

To adjust the hipbelt:

- 1 Completely loosen the pack's hipbelt webbing.
- 2 Separate one of the pack's hipbelt wings from the padded hipbelt by disengaging the hook-and-loop closure.
- 3 With one hand, hold the pack's hipbelt wing. With the other hand, guide the padded hipbelt in/out from behind the padded lumbar to the desired position.
- 4 Press firmly to re-engage the hook-and-loop closure. Slight angle/height adjustments can also be made when engaging the hipbelt wing. Use the white guideline markings on the padded hipbelt to keep the alignment even side to side.

NOTE: The rough "hook" of the pack's hipbelt wing should always be aligned with and engaged to the soft "loop" of the padded hipbelt. If exposed, it may rub and cause abrasion to clothing.

- 5 Repeat these steps on the other side. Extend the pads the same distance on both hipbelt wings so pack weight is distributed evenly.



SIZING

MEN'S

SIZE	IN	CM
S/M	17 - 20.5 in.	43 - 52 cm.
L/XL	19.5 - 23 in.	49 - 58.5 cm.

WOMEN'S

SIZE	IN	CM
XS/S	13.5 - 17 in.	34 - 43 cm.
M/L	16 - 19.5 in.	40.5 - 49 cm.

FEATURES



FLOATING TOP-LID DAYPACK

- + The DayLid design quickly converts the 8L capacity top lid into an 18L daypack.
- + To remove the lid from the pack, disconnect the four side release buckles that attach the lid to the pack body: the two main access buckles on the front and the two at the top of the backpanel.
- + To convert the top lid into the DayLid, unzip the U-shape zippered compartment and pull out harness straps. Button the slider on the end of the DayLid harness straps through the cord loop to standard top lid buckles. Reverse the process to return to normal top lid function and reattach.
- + To adjust the fit of the top lid on the pack (snug down or float higher for overloads), open the lid from the front and flip it over so the underside is facing up. In this position, the buckles that connect the lid to the top of the backpanel can be accessed and easily adjusted. Positioning the adjustment this way helps eliminate slippage when in use.



LARGE PANEL ACCESS

- + In addition to the upper drawcord opening, the contents of the main compartment can be conveniently accessed through the large U-shaped zippered opening that reaches from the upper side panels almost to the bottom of the front panel.
- + The durable #10 YKK zipper with dual sliders is protected from rain and wear by laminated zip flaps that won't get snagged in the zipper.



FLAPJACKET COVER

- + The FlapJacket is a cover that seals up the main access, allowing the pack to be used without the top lid (e.g., on shorter trips when the capacity isn't needed, or when reducing weight is critical).
- + To use, unzip the pocket at the backpanel side of the main drawcord opening and pull out the FlapJacket. Connect the panel's two buckles to the straps that normally connect the top lid at the front of the pack.



TWIN FRONT POCKETS

- + Two 5L capacity pockets keep necessary items, like jackets, food, maps, etc., handy on the front of the pack.
- + Large zip flaps protect the zipper, while the upper side compression strap holds the contents secure.



SUPER STRONG AND BREAK RESISTANT YKK BUCKLES

- + Smooth operating Delrin buckles balance weight and strength.

FEATURES



LARGE, VERSATILE HIPBELT POCKETS WITH TPU ANTI-ABRASION PANELS

- + Right side features a generous, open stretch woven pocket that's perfect for keeping a water bottle handy or quickly stashing a hat and gloves.
- + Left side features both an enclosed pocket with a weather-resistant, coated zipper and an open stretch woven pocket for additional quick-access storage.
- + Both sides are printed with TPU stripes to prevent abrasion to the pockets.



SKI LOOPS AND TUCK-AWAY AXE LOOPS

- + Custom, variable width weaving produces tight, strong loops to securely hold skis and ice axes.
- + The extra-dense webbing increases durability while making it easier to insert and remove the tools of the trade.
- + If desired, the axe loops can be tucked away into the fabric sleeve just above.



COMPRESSION DIVIDER FOR SLEEPING BAG STORAGE

- + The adjustable interior divider helps keep gear organized and helps compress a sleeping bag or clothing into the lower part of the pack.



REMOVABLE SLEEPING PAD STRAPS

- + 15mm webbing can be easily adjusted for length. Can be unthreaded from the sliders and removed if not needed.



EXTERNALLY ACCESSED RESERVOIR SLEEVE

- + The reservoir sleeve is located at the top of the backpanel.
- + The zipper is equipped with two sliders that can be parked to allow the hose to exit on either side, depending on user preference.
- + Injection-molded hydration hose routers on both shoulder straps provide a stable, easy-to-use guide for the hydration hose.

FEATURES



STOW-ON-THE-GO TREKKING POLE ATTACHMENT

- + Designed to quickly attach and carry trekking poles while wearing a pack.
- + Locate the elasticized loop on the lower left side of pack. While pulling the loop out from the pack, insert the basket end of the trekking poles into the loop.
- + On the left harness strap locate the trekking pole icon. Pull up on the cord to open, place pole handles in the loop and tighten with the cord lock to secure.
- + Reverse these steps to remove the trekking poles.



CUSTOM AIRPORTER TRAVEL COVER WITH LOCKABLE ZIPPER SLIDERS

- + Backpacks are designed for the trail. When traveling, especially by air, it's important to protect the pack from damage to its fabric, buckles and webbing.
- + The Airporter provides a convenient solution, offering easy loading, full coverage for the pack, lockable zipper sliders and a convenient carry strap.



HIGH TENACITY NYLON RIPSTOP RAINCOVER LOCATED IN BASE ZIPPERED POCKET

- + The pack includes an ultralight raincover made of high tenacity nylon with PU inner coating and a silicone outer finish for excellent water resistance and durability.
- + Fully taped seams ensure waterproof performance.
- + The elastic drawcord cinches the raincover securely over the pack. To further improve fit, the drawcord sleeve opens at two points to allow the hipbelt to be passed under the drawcord, capturing it very securely.
- + It is stored in the zippered pocket on the pack's bottom panel.

For more information on this product and others, pack care, how to pack your pack, our lifetime guarantee, or to contact Osprey Customer Service, visit ospreypacks.com.