

ATMOS/AURA AG™ SERIES



ATMOS AG™ 65



ATMOS AG™ 50



AURA AG™ 65



AURA AG™ 50

The fourth generation of Osprey's Atmos and Aura ventilated backpack series features the Anti-Gravity™ Suspension. This 3D contoured suspension allows unrestricted movement while wearing the pack. Combined with custom fit capability and a full feature set, the Atmos AG™/Aura AG™ Series sets a new standard in ventilated backpacking.

OWNER'S MANUAL



ospreypacks.com

OVERVIEW



SHARED FEATURES

- 1 Top load access to main compartment
- 2 Removable floating top lid
- 3 Upper side compression straps
- 4 Lower side compression straps
- 5 Dual stretch mesh side pockets
- 6 Dual zippered hipbelt pockets
- 7 Dual ice tool loops with bungee tie-offs
- 8 Large stretch mesh front pocket
- 9 Lower zippered sleeping bag compartment
- 10 Dual zippered top lid pockets
- 11 Internal reservoir sleeve
- 12 Stow-on-the-Go™ trekking pole attachment
- + Internal top compression strap
- + Integrated FlapJacket™ for weather protected lidless use

FABRIC

- MAIN** 100D x 630D Nylon Dobby
- ACCENT** 210D High Tenacity Nylon
- BOTTOM** 420HD Nylon Packcloth

OVERVIEW

ATMOS AG™ 65

SPECS	S	M	L
Cubic Inches	3783	3967	4150
Liters	62	65	68
Lbs/Ounces	4/4	4/6	4/8
Kilograms	1.92	1.98	2.04
Inches	33h x 15w x 15d		
Centimeters	84h x 38w x 39d		

LOAD RANGE 30 - 50lb

UNIQUE FEATURES

- 1 Dual zippered front panel pockets
- 2 Removable sleeping pad straps



AURA AG™ 65



SPECS	WXS	WS	WM
Cubic Inches	3661	3783	3967
Liters	60	62	65
Lbs/Ounces	4/0	4/2	4/4
Kilograms	1.81	1.87	1.93
Inches	31h x 15w x 15d		
Centimeters	79h x 38w x 39d		

LOAD RANGE 30 - 50lb

UNIQUE FEATURES

- 1 Dual zippered front panel pockets
- 2 Removable sleeping pad straps



ATMOS AG™ 50

SPECS	S	M	L
Cubic Inches	2868	3051	3234
Liters	47	50	53
Lbs/Ounces	3/15	4/0	4/1
Kilograms	1.79	1.82	1.85
Inches	31h x 14w x 16d		
Centimeters	80h x 35w x 40d		

LOAD RANGE 25 - 40lb



AURA AG™ 50



SPECS	WXS	WS	WM
Cubic Inches	2746	2868	3051
Liters	45	47	50
Lbs/Ounces	3/11	3/12	3/13
Kilograms	1.67	1.70	1.73
Inches	30h x 14w x 13d		
Centimeters	75h x 35w x 32d		

LOAD RANGE 25 - 40lb



SUSPENSION



SUSPENSION

1 ANTI-GRAVITY™ SUSPENSION

- + LightWire™ tensioned full peripheral frame comfortably transfers pack load

2 ANTI-GRAVITY™ BACKPANEL

- + Top-to-bottom suspended mesh wraps shoulders, back and hips for a fully integrated backpanel fit

3 ANTI-GRAVITY™ HARNESS

- + Adjustable suspended harness with structural load lifter bar for load transfer and comfort
- + Adjustable sternum strap
- + Die cut foam lower and mesh ExoForm™ wrap upper harness provide breathability and comfort
- + Gender specific

4 ANTI-GRAVITY™ HIPBELT

- + Suspended mesh hip wrap for load transfer and comfort
- + Adjustable Fit-on-the-Fly™ hipbelt
- + Gender specific



OSPREY ANTI-GRAVITY™ (AG™)

A continuous panel of lightweight mesh extends from the top of the backpanel to the hipbelt. The seamless structure contours automatically to the body, providing outstanding fit and unrestricted movement when wearing the pack.



MODIFIED ERGOPULL™ HIPBELT

65L / 50L

Osprey's ErgoPull™ design creates extra leverage when cinching down the hipbelt.

- Loosen the hipbelt webbing so the hipbelt is large enough to be buckled around the waist.
- Grab the loose ends of the webbing on both sides and pull in and across the body evenly with both hands at the same time.

SIZING / FIT



ATMOS AG™ - MEN'S SIZING

S 16-19" / 40-48 cm
M 18-21" / 46-53 cm
L 20-23" / 51-58 cm

AURA AG™ - WOMEN'S SIZING

XS 14-17" / 35-43 cm
S 16-19" / 40-48 cm
M 18-21" / 46-53 cm

WOMEN'S SPECIFIC FIT

- + The unique suspended mesh located on the shoulders, backpanel, lumbar and hipbelt contour to a wide variety of body shapes and sizes to create a custom fit to your body.
- + The pack shape is narrower and deeper allowing greater freedom of movement and increasing stabilization by lowering the position of the load to a woman's center of gravity.
- + The shoulder harness is designed with different curves to create an anatomical fit for a woman's neck, shoulders and chest.
- + Women's hips are conically shaped with a larger difference between the waist and hip measurements. The hipbelts are shaped and angled to accommodate this difference which allows a more comfortable load transfer and support.



HARNESS FIT

The harness straps should wrap fully around your shoulders with no gaps between the pack and back. The padded part of the harness straps should end 1"/2.5cm - 2"/5cm below the armpits and the sternum strap adjusted to approximately 2"/5cm below the collarbone.

C7 VERTEBRA



ILIAC CREST



HARNESS SIZING

- A Completely loosen the pack's hipbelt straps, harness straps and load lifters.
- B Load the pack with 10-20lbs/4-9kg of gear.
- C Put on the pack ensuring the hipbelt is centered and resting over the user's hipbones. The hipbelt padding should sit half above and half below the hipbone. Buckle the hipbelt and tighten the hipbelt straps.



- D Tighten the shoulder harness straps by pulling them down and back. Adjust and buckle the sternum strap 2"/5cm below the collar bone. Tighten the load lifts to transfer the weight off of the shoulders.



- E Find the harness yoke or where the harness straps come together near the user's neck. The yoke should be 2"/5cm below the C7 vertebra. The C7 vertebra can be located by tilting the head down and finding the bone that protrudes at the base of the neck.



- F Make note of how far the yoke is from the C7 vertebra. Based on this measurement, the torso can be adjusted to the desired 2"/5cm.





ADJUSTING HARNESS

65L / 50L

- A Completely loosen the pack's load lifters and harness straps.
- B Locate the harness adjustment cams on the left and right side behind the fabric wing where the yoke wraps around the edges of the backpanel.
- C Push both cams down at the same time with your thumbs from the top of the harness attachment point to open and release the cams. While pushing down on the cam with your thumbs, use your index and middle fingers to grab the lower portion of the fabric wing in front of the cams.
- D With the cams released simultaneously, slide both sides of the harness up or down to your desired location based on your torso fit needs and release the cams.
- E Ensure the cams are lined up at the same height by comparing each side's position using the line markings printed on the backpanel behind the suspended mesh. If they are uneven, release and adjust one side's cam to match the other.
- F Follow "Torso Fit" instructions to determine if the torso fit is correct.



FIT-ON-THE-FLY™ HIPBELT

65L / 50L

The-Fit-on-the-Fly™ hipbelt pad extends up to 5"/15cm to accommodate different hip sizes providing a custom fit. To adjust the hipbelt:

- A Locate the adjustment icon on the hipbelt and slide a hand between the fixed hipbelt and the adjustable pad to separate the hook and loop closure.
- B Slide the hipbelt insert pad into position so that it wraps around your hipbones.
- C Press firmly to reengage the hook and loop closure.
- D Extend the pads the same distance on both hipbelt wings so the pack weight is distributed evenly.

FEATURE DETAILS



1 REMOVABLE FLOATING TOP LID 65L / 50L

The floating top lid can extend to accept oversized loads or can be removed from the pack body for weight saving lidless use.

- A Release the top lid retention strap buckles on the front side of the pack.
- B Unthread the webbing through the duckbill buckles located on the back side of the top lid.
- C Reverse to reattach.

2 FLAPJACKET™ 65L / 50L

Osprey's FlapJacket™ provides compression and protection from the elements for the main pack compartment when the top lid is removed.

- A Remove the top lid.
- B Pull the FlapJacket™ out from the pack's main compartment covering the top of the pack.
- C Using the pack's front retention straps, cinch the FlapJacket™ into place.



COMPRESSION STRAPS 65L / 50L

Dual upper side compression straps stabilize loads while lower, cross functional compression straps also serve as external gear carry straps. To adjust, slide the nylon strap through the slider buckle and cinch it to compress/carry.



INTERNAL COMPRESSION STRAP 65L / 50L

Once your pack is loaded, clip and tighten the red internal compression strap to stabilize the load.



SLEEPING BAG COMPARTMENT 65L / 50L

A lower zippered sleeping bag compartment with a drop down divider provides easy access to internal contents and allows you to use your pack with one compartment or two. To drop down the internal divider, thread the nylon connection straps through the sewn-in slider buckles.

FEATURE DETAILS



INTERNAL RESERVOIR SLEEVE

65L / 50L

An internal reservoir sleeve is located in the main body of the pack allowing easy loading/unloading of a hydration reservoir. Placing your reservoir inside the sleeve helps provide proper weight distribution when carrying your pack.



TOOL ATTACHMENT

65L / 50L

The dual ice tool loops and clove hitch style bungee tie-offs provide secure tool attachment and transport.



- Slide the tool shaft through the top of the ice tool loop and flip the shaft up towards the top of the pack.
- Loosen the bungee cord lock and route the tool handle through the bungee. Tighten the cord lock nesting it into the Y-Clip to secure the tool into place.
- Reverse to remove.



STOW-ON-THE-GO™ TREKKING POLE ATTACHMENT

65L / 50L

Osprey's Stow-on-the-Go™ trekking pole attachment is designed to quickly attach and carry trekking poles while wearing a pack.

- Adjust the trekking poles to their minimum length.
- 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.



REMOVABLE SLEEPING PAD STRAPS

65L

Sleeping pad straps allow for quick, secure external gear attachment. They can be fully removed to save weight.



PACK / RESERVOIR MAINTENANCE

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

OSPREY PACKS

STANDARD MAINTENANCE

- + After each trip be sure to clean out your pack thoroughly.
- + Clean the zippers regularly using mild soap, warm water and soft brush. This will help keep them in proper working condition.
- + If your pack is wet, hang it to dry out of direct sunlight.
- + Loosen all the straps.
- + Wash your pack if dirt, sweat, salt and stains have worked their way into fabrics, webbing or mesh.
[Do not immerse travel packs in water with our HighRoad™ Wheeled Chassis.]

WASHING YOUR PACK

- A Empty the pack including any food, dirt or spilled contents.
- B If your pack has a removable harness and hipbelt, remove them from the pack body.
- C Do NOT wash your pack in a washing machine. Clean your pack and components in a bathtub or large sink using a mild detergent and warm water.
- D Agitate the pack gently. Scrub the inside and outside of all compartments including the pockets with a soft brush.
- E Clean the zippers using a mild soap, warm water and a soft brush. Flush water and soap through the buckles. Keeping dirt and debris out of the zippers and buckles will help keep them in proper working condition.
- F Drain the dirty water from the bathtub or sink and refill with cool clean non-soapy water. Rinse the pack thoroughly. Repeat this step as necessary.
- G Hang your pack to dry outside or in a well ventilated area, out of direct sunlight.

WHEELED TRAVEL LUGGAGE

[Do not immerse travel packs in water with our HighRoad™ Wheeled Chassis.]

- A After each trip, empty the pack including any food, dirt or spilled contents.
- B Clean the zippers regularly using mild soap, warm water and soft brush. This will help keep them in proper working condition.
- C Wipe the exterior of the chassis with a damp cloth or sponge.
- D Clean the pack fabric by scrubbing stains and dirt with warm water, mild detergent and a soft brush or sponge.
- E Use a wet towel with clean non-soapy water to wipe away any soap residue on the pack.
- F Hang your pack to dry outside or in a well ventilated area, out of direct sunlight.

RECOMMENDED CLEANING PRODUCTS

Osprey recommends Nikwax® products for pack care. Be sure to read label directions carefully before applying any product to your pack.

Tech Wash® - Use this with warm water for washing and cleaning your packs or luggage.

Tent & Gear Solar Proof® - Use this spray-on product to protect your packs from UV exposure and to improve water repellency.



For complete instructions on cleaning your Osprey pack, visit: ospreypacks.com/PackTech/PackCare.

OSPREY RESERVOIRS

RESERVOIR STANDARD MAINTENANCE

- + Our reservoir's anti-microbial formula prevents most mold and bacteria growth.
- + Rinsing out your reservoir after each use should keep your reservoir fresh, especially when using sugary drink mixes.
- + 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.
- + 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 overfilled.
- + 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)

- A Fill reservoir with warm water. Do not use bleach or boiling water.
- B Add one cleaning tablet to reservoir and close the cap.
- C Let tablet dissolve for 5 minutes with the reservoir laying on its back.
- D Shake the reservoir for 30 seconds to mix and spread the solution.
- E Pinch the bite valve and squeeze the reservoir to remove air and fill the reservoir hose and bite valve with solution.
- F Let the reservoir sit for 15 minutes and then pour out solution.
- G Rinse the reservoir and tube with clean cool water.
- H 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 With the large cleaning brush from Osprey's Hydraulics™ Cleaning Kit scrub the interior of the reservoir.
- 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.

For complete instructions on cleaning your Osprey reservoir watch, "Cleaning an Osprey Hydraulics™ Reservoir" at youtube.com/ospreypacks.

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.

PACK YOUR PACK

Loading your pack correctly optimizes comfort while you are carrying it. For complete information visit: 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 for details.

QUESTIONS?

Contact Osprey Customer Service. Real help from real people. Scroll over the customer service tab at ospreypacks.com.

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