

ACE SERIES



ACE 75



ACE 50



ACE 38

Welcome to Osprey. We pride ourselves on creating the most functional, durable and innovative carrying products 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.com

OVERVIEW



SHARED

- 1 Top load access to main compartment (with underlid pocket*)
- 2 Dual upper side compression straps*
- 3 Dual lower side compression straps
- 4 Dual access fabric/mesh side pockets
- 5 Large front panel fabric/mesh shove-it pocket
- 6 Daisy chain for additional gear
- 7 Lower zippered sleeping bag access
- 8 Sleeping pad straps (removable*)
- 9 Hipbelt pockets for easy access to small items on the trail (zippered*)
- 10 Integrated removable raincover
- 11 Internal reservoir sleeve
- 12 Adjustable ice tool or fishing rod loop*

* Ace 75/50L only

MAIN FABRIC

600D recycled nylon packcloth

ACCENT

400D recycled nylon packcloth

BOTTOM

500D nylon packcloth



OVERVIEW

ACE 75

SPECS	O/S
Cubic Inches	4577
Liters	75
Pounds	4.12
Kilograms	1.87
Inches	30.71h x 14.57w x 12.99d
Centimeters	78h x 37w x 33d
LOAD RANGE	20-35 lbs. / 9-16 kg.

UNIQUE FEATURES:
Full-length vertical side zipper access to main compartment



ACE 50

SPECS	O/S
Cubic Inches	3051
Liters	50
Pounds	3.7
Kilograms	1.68
Inches	27.56h x 13.39w x 11.81d
Centimeters	70h x 34w x 30d
LOAD RANGE	15-25 lbs. / 7-12 kg.



ACE 38

SPECS	O/S
Cubic Inches	2319
Liters	38
Pounds	2.91
Kilograms	1.32
Inches	25.2h x 12.6w x 10.63d
Centimeters	64h x 32w x 27d
LOAD RANGE	15-25 lbs. / 7-12 kg.



CARRY



AIRSCAPE® BACKPANEL

HARNESS

HIPBELT

AIRSCAPE BACKPANEL

- + 3.5 mm LightWire peripheral frame effectively transfers the load from harness to hipbelt
- + 3D-tensioned breathable mesh backpanel with side ventilation

HARNESS

- + Soft, edgeless padded mesh harness slides over the AirSpeed™ suspension offering over 4-5 inches of adjustability to ensure excellent fit
- + Adjustable sternum strap with rescue whistle

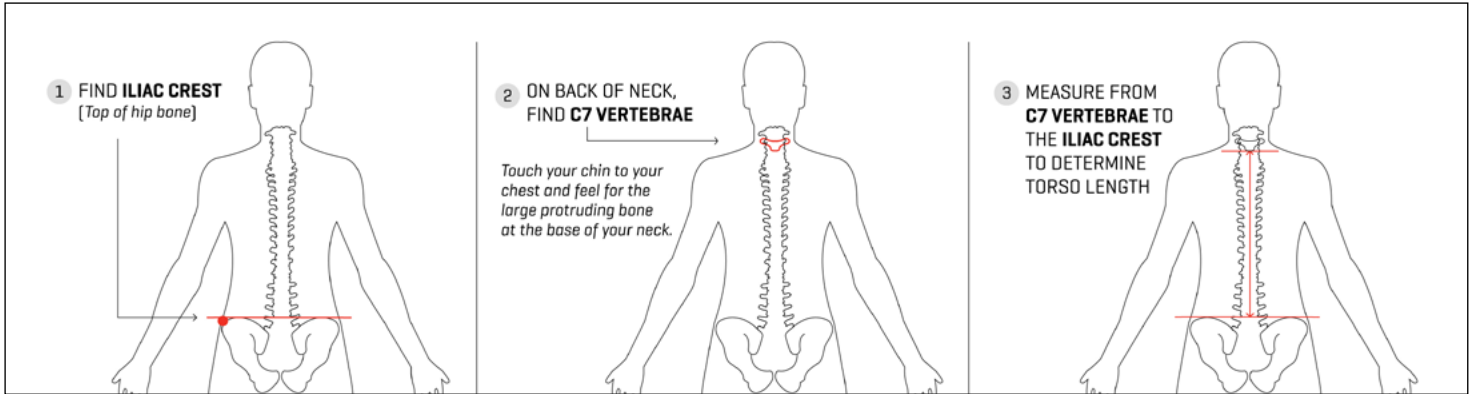
HIPBELT

- + Soft, edgeless padded mesh offers a soft, breathable contact surface and large load support
- + Fit-on-the-Fly® adjustable hipbelt ensures a perfect fit and comfortable carry as child grows*

* Ace 75/50L only

SIZING/FIT

HOW TO MEASURE YOUR BACK FOR YOUR PACK



FIT



1 POSITION THE PACK

- + Completely loosen the pack's hipbelt, harness and load-lifter straps.
- + Load the pack with 10-20 lbs/4-9 kg of gear.
- + Put on the pack and make sure that the hipbelt is centered and rests over the hipbone. The hipbelt padding should sit halfway above and below the hipbone.



2 BUCKLE HIPBELT

- + Buckle and evenly tighten the hipbelt using Osprey's cross body ErgoPull.
- + The padding of the hipbelt should wrap around the hips with approximately 1-3" / 2.5-6 cm of webbing between the buckle and the hipbelt when tightened.



3 TIGHTEN HARNESS

- + Tighten the shoulder harness straps to tension by pulling them down and back.

SIZING/FIT



4 TIGHTEN LOAD LIFTERS

- + Tighten the load lifters to tension by pulling them up and forward. This will pull the pack close to body to help stabilize the load.

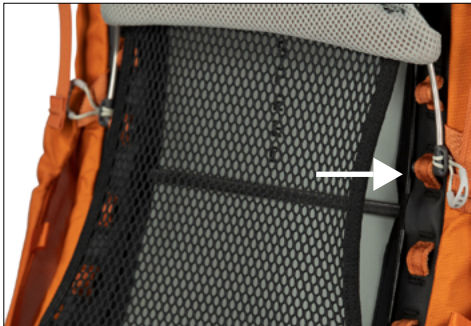


5 ADJUST HARNESS

- + The harness straps should wrap fully around the shoulders with no gaps between the pack and back.
- + The padded part of the harness straps should end 1-2" / 2.5-5 cm below the armpit. And the harness should have 1-2" / 2.5-5 cm of webbing remaining.

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 1-2" / 2.5-5 cm below the C7 vertebra.
- + If the torso length is too short or tall, adjust the torso length of the pack.



6 ADJUSTABLE HARNESS (TORSO LENGTH)

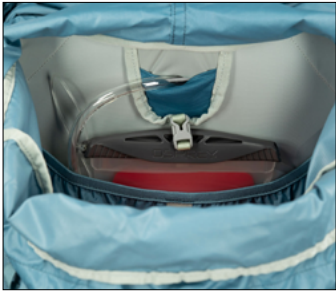
- 1 Identify the harness plugs located in one of the four sizing loops on the backpanel.
- 2 Grab the plug's pull loop with thumb and forefinger and pull the harness's LightWire extension out and to the sides of the pack. This releases the harness and allows it to slide up and down.
- 3 Slide the harness up or down along the LightWire rails to the appropriate torso length.
- 4 There are two load-lifter ladder lock options. Correspond the lower two or upper two backpanel settings to the lower or upper load-lifter ladder lock.



7 STERNUM STRAP

- + Adjust the sternum strap to approximately 2"/5 cm below the collarbone; buckle and tighten to tension.

FEATURES



RESERVOIR SLEEVE

The dedicated internal hydration sleeve keeps the reservoir close to back, which provides proper weight distribution when carrying the pack.

- + The loop with buckle ensures proper vertical orientation and stability
- + Elasticized routing straps on right or left side of the pack's harness hold the reservoir hose in place
- + The backpanel hydration exit port is centered allowing routing to the right or left side of the harness
- + Compatible with any reservoir up to 3L



RAINCOVER

- 1 Locate raincover icon near the base of pack.
- 2 Remove raincover from compartment and slip it over the top and bottom of the pack.
- 3 Tighten the cord lock at the bottom of raincover to tension raincover into place.
- 4 To detach raincover, unfasten toggle from cord loop.

Tip: To prevent mildew, allow raincover to dry entirely before storing.



FISHING ROD ATTACHMENT

The single gear loop located at the base of the front panel of the pack is provided for fishing rod or ice tool carry and works in conjunction with your own rigging to provide stable, secure carry.



DUAL UPPER AND LOWER SIDE COMPRESSION STRAPS

Upper and lower compression straps provide added stability when the pack is not full or offer additional attachment points for carrying gear on the outside of the pack.



SLEEPING BAG COMPARTMENT

Lower zippered compartment for dedicated sleeping bag storage with detachable divider for unimpeded access to pack interior.



SLEEPING PAD STRAPS

Removable sleeping pad straps allow for quick, secure external gear attachment.



ZIPPERED HIPBELT POCKETS



FABRIC REINFORCED FRONT SHOVE-IT POCKET



TOP LOAD ACCESS TO MAIN COMPARTMENT WITH UNDERLID POCKET