

KAMBER ABS® COMPATIBLE SERIES



KAMBER ABS®
COMPATIBLE 42



KAMBER ABS®
COMPATIBLE 22+10

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



ospreypacks.com

OVERVIEW



SHARED FEATURES

- 1 Removable zip-off pack body compatible with ABS® Vario Base Unit
- 2 Extra large front panel J-zip access to avalanche safety kit pocket with shovel and probe sleeve
- 3 Glove-friendly zippers and buckles
- 4 Insulated hydration hose sleeve
- 5 Diagonal ski carry, vertical front panel snowboard carry
- 6 Reinforced wear points to protect pack from metal edge abrasion
- 7 Ice tool loop
- 8 Scratch-free goggle pocket
- 9 Stowable helmet carry
- 10 Zippered fabric hipbelt pockets
- + Wet/dry gear division

FABRIC

- MAIN** 420HD Nylon Packcloth
- ACCENT** 420D Nylon Hex Diamond Ripstop
- BOTTOM** 420D Nylon Hex Diamond Ripstop

OVERVIEW



KAMBER ABS® 42

SPECS	S/M	M/L
Cubic Inches	2441	2563
Liters	40	42
Pounds	3.79	4.12
[Pack only]	[2.65]	[2.65]
Kilograms	1.72	1.87
[Pack only]	[1.2]	[1.2]
Inches	27h x 12w x 12d	
Centimeters	68h x 30w x 30d	

LOAD RANGE 35-50 lbs | 15-22 kg



UNIQUE FEATURES

- 1 Dual top load and backpanel access to main compartment
- 2 Top-lid with zippered pocket and goggle sleeve and integrated helmet carry
- 3 Integrated rope compression strap
- 4 A-frame ski carry

KAMBER ABS® 22+10

SPECS	S/M	M/L
Cubic Inches	1770	1953
Liters	29	32
Pounds	2.65	3.2
[Pack only]	[1.76]	[1.76]
Kilograms	1.45	1.49
[Pack only]	[0.8]	[0.8]
Inches	21h x 13w x 11d	
Centimeters	54h x 32w x 27d	

LOAD RANGE 25-40 lbs | 12-18 kg



UNIQUE FEATURES

- 1 Panel access with zippered 10L expansion of the dry compartment [22L-33L]
- 2 Top zippered goggle pocket

SUSPENSION

SUSPENSION

1 LIGHTWIRE™ FRAME/ HDPE SUSPENSION

- + LightWire™ peripheral frame
- + 1.2 mm HDPE framesheet

2 THERMOFORMED CONTOURED BACKPANEL

- + Snow-shedding material to reduce ice/snow buildup

3 CONTOURED EVA HARNESS

- + GPS/radio webbing attachment points
- + Zippered insulated hydration hose sleeve
- + Adjustable sternum strap with whistle

4 FIXED EVA HIPBELT

- + Single 38 mm webbing ErgoPull™ closure with padded hipwings
- + Zippered fabric hipbelt pockets



SIZING / FIT



HARNESS FIT

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

ABS® VARIO BASE UNIT COMPATABILITY



ABS® VARIO BASE UNIT COMPATIBILITY

The Kamber ABS® Compatible Series has a removable thermoformed backpanel, contoured harness with insulated hydration tube sleeve and a contoured hipbelt with zippered pockets. These components zip off together when the user wants to combine the pack body to an ABS® Vario Base Unit.

To attach an ABS® Vario Base Unit to your Kamber ABS® Compatible Series pack:

- 1 Locate the peripheral elasticized fabric zipper guard on the backpanel of the pack and fold it back around the entire backpanel to expose the attachment zipper.
- 2 Find the zipper pull at the bottom of the pack's backpanel and unzip the Kamber backpanel from the main pack body in its entirety.
- 3 Now you can zip on your Kamber ABS® Vario Unit for the utmost in backcountry snowsport safety. Reverse this process to reattach the Kamber backpanel.

FEATURE DETAILS



AVALANCHE SAFETY COMPARTMENT

42L / 22+10L

J-Zip, extra-large front panel access to a dedicated avalanche safety compartment with separate probe, shovel handle sleeves and shovel head storage provides organization of and quick access to snow safety gear.



BACKPANEL ACCESS

42L / 22+10L

Dual zippered backpanel entry into the Kamber's main compartment provides quick and convenient access to internal contents and a sewn-in hydration compartment with an access port to the insulated harness hydration sleeve.



ERGOPULL™ HIPBELT

42L / 22+10L

All Kamber Series packs use our exclusive ErgoPull™ hipbelt design. To operate the ErgoPull™, loosen the webbing enough so you can connect the center buckle. Then grasp the loose ends of the webbing on either side, and pull in and across evenly with both hands.



HELMET CARRY

42L / 22+10L

Dedicated helmet carry systems in both the Kamber ABS® 42 and 22+10 packs provide stable and secure carry of helmets.

Kamber ABS® Compatible 22 +10 Helmet Carry:

- 1 Locate the zippered slash pocket on the pack's front panel and extend the stowable helmet carry flap outwards from the pocket.
- 2 Connect the helmet's chinstrap through the nylon loop with the helmet icon at the top of the pack and extend the helmet carry flap over the helmet and attach the two male buckles on the carry flap to the two sewn in female buckles at the top of the pack and tension the webbing to secure. Reverse this process to remove the helmet and restow the helmet carry flap.



For the Kamber ABS® Compatible 42 Helmet Carry:

- 1 Locate the top zippered compartment of the pack's top pocket and unzip to access the integrated helmet carry system.
- 2 Unbuckle the two integrated helmet carry straps and connect the helmet's chinstrap through the nylon loop with the helmet icon located at the front of the top pocket.
- 3 Re-buckle the nylon carry straps over the helmet and tension to secure. Reverse this process to remove the helmet.



INSULATED HYDRATION

42L / 22+10L

An internal sewn-in hydration sleeve with reservoir hanger and a fully insulated, dual zippered harness router with a hypo-allergenic stretch garage provides ice-free hydration.

When using the the ABS system, load your hydration reservoir into the sewn-in reservoir sleeve via the backpanel entry and route the hose through the port and dedicated hydration zipper at the top of the pack to ensure proper ABS system function.

When the ABS system isn't in use, load your hydration reservoir into the sewn-in reservoir sleeve via the backpanel entry and route the hose through the port into the right insulated shoulder harness using the hook and loop attachment to secure.

FEATURE DETAILS



TOP LOAD ACCESS 42L

The Kamber ABS® Compatible 42 features both backpanel access as well as top load access to the main pack body providing ease of loading and quick access to needed items. You can top load by disconnecting the top pocket retention straps and flipping back the top pocket to gain access via the drawstring weather closure and gain backpanel access via the dual zippers found on the backpanel.



ZIPPERED EXPANSION 22+10L

You can gain an additional ten liters of storage capabilities by utilizing the expansion zipper.

To utilize:

- 1 locate the expansion zipper pull on the left side panel of the pack near the sewn in sizing tag.
- 2 Unzip the zipper all the way around the pack body until the zipper terminates once again on the left side panel near the base of the pack. Reverse this process to contract the expansion pocket.



TOP POCKET 42L

The dual compartment top pocket features a heat embossed, scratch free goggle pocket and ample small gear storage in the lower zippered compartment and an integrated helmet carry system in the upper zippered compartment. Please see the Helmet Carry section above to properly utilize the Kamber ABS® Compatible 42 Helmet Carry System.



ZIPPERED GOGGLE POCKET 22+10L

A top zippered goggle pocket featuring scratch free heat embossed fabric provides secure and protected goggle carry as well as additional storage capabilities.



ROPE COMPRESSION STRAP 42L

An integrated rope compression strap sewn into the underside of the top pocket allows for stable, secure rope carry between the top pocket and main pack body.

To utilize:

- 1 Unbuckle the two top pocket retention straps and flip back the top pocket to expose the orange rope compression strap.
- 2 With the pack full, place the coiled rope through the compression strap and cinch as required using the slider buckle.
- 3 With rope draped over the main pack body, reconnect the top pocket and cinch the top pocket retention straps as needed to stabilize. Additionally, the side A-frame carry/compression straps can be utilized to tension the ends of the coiled rope securely when skis are not being carried.



PANEL LOAD ACCESS 22+10L

The Kamber ABS® Compatible 22+10 features both backpanel access as well as panel load access to the main pack body providing ease of loading and quick access to needed items. You can panel load via the dual zippered access entry found on the front panel and gain backpanel access via the dual zippers found on the backpanel.

FEATURE DETAILS



A-FRAME SKI CARRY (42 L ONLY)

Dual, lower reinforced ski carry loops and upper reinforced carry/compression straps combine for A-frame style ski carry in an ABS® compatible pack.

- 1 Slip the ski tails through the lower reinforced ski carry loops tips up.
- 2 Clip the upper carry/compression straps around the skis.
- 3 Re-engage the buckles and tension the straps around the skis for stable A-frame ski carry.
- 4 Reverse to remove skis.

DIAGONAL SKI CARRY

Diagonal ski carry utilizes one side of the bottom front panel webbing and secures on the opposite side of the top front panel webbing.

- 1 Loosen lower webbing via the slider buckle, slip ski tails into position beneath the reinforced area of the strap and re-tension strap securely.
- 2 Unclip the top carry straps via the glove friendly buckle beneath the protective fabric loop and place upper portion of ski beneath the reinforced area of the opposite strap and re-attach the buckle.
- 3 Use the cam locking slider buckle and webbing on the side of the pack to tension skis into place for stable carry. Reverse to remove skis from pack.

VERTICAL SNOWBOARD CARRY

Dual upper and lower reinforced strap wings on the reinforced fabric front panel of the Kamber provide stable vertical snowboard carry.

- 1 Undo lower webbing strap completely via the slider buckle, place snowboard bindings beneath the rear binding and tension securely into place.
- 2 Unclip the top carry straps via the glove friendly buckle beneath the protective fabric loop and place upper portion of snowboard beneath the reinforced area of the opposite strap and reattach the buckle, tensioning the strap into place across the snowboard and using the cam-lock slider buckle [A-frame ski carry] to tension for stable carry.
- 3 Reverse to remove.

WARNING: ABS Airbag System does NOT engage while using horizontal snowboard carry



ABS AIRBAG SYSTEM PURCHASED SEPARATELY AT ABS® AUTHORIZED DEALERS

ABS® AIRBAG SYSTEM

BACKCOUNTRY SAFETY

SPECS	S	L
Lbs/Ounces*	5/8	5/8
Kilograms*	2.5	2.5

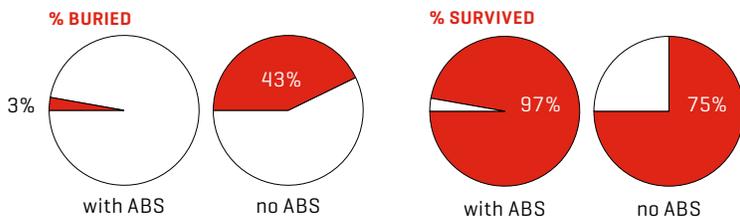
*weight includes steel canister

ABS, WITH PROVEN EXPERIENCE SINCE 1991 DRAMATICALLY INCREASES SURVIVAL RATES FOR AVALANCHE VICTIMS.

ABS has been the leader in the avalanche airbag industry since 1985. The Kode ABS Compatible 42 and Kode ABS Compatible 22+10 pack body separates and easily zips on to the ABS Vario Base Unit for optimal safety and peace of mind in the backcountry.



AVALANCHE VICTIMS



Source SLF, documented avalanche accidents with ABS® airbag, August 2010

FEATURES



ABS NITROGEN GAS CANISTER

The cartridges contain only non-hazardous, non-flammable gases found in the atmosphere. The Nitrogen filled cartridge is designed for temperatures of between -40 °F [-40 °C] to 122 °F [50 °C]. Empty cartridges can only be refilled by ABS. Exchanges for a full cartridge can only be made with an ABS dealer.



PNEUMATIC PULL

ABS uses the most reliable activation technology: pyrotechnic-pneumatic activation. The ABS® pneumatic pull guarantees the fastest, most reliable and, by far, easiest activation for your personal safety. A quick pull with little force and the system inflates irreversibly at the speed of sound. Within two to three seconds, the ABS TwinBags inflate.

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**.

OWNER'S MANUAL



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