



Instruction for cleaning down garment/sleeping bags

Read the washing instructions of the garment/sleeping bag (some manufacturers will void warranty on laundered products)

Only use a front loading commercial large washing machine. Top loading agitator machines can damage the garment/sleeping bag by ripping and/or tearing seams. We do not recommend the bathtub washing method because the soap is rarely rinsed out completely which is detrimental to the insulating value of the down.

Spray a laundry stain remover on very soiled areas (cuffs or collar of jackets or collar of sleeping bag) Fasten all velcro straps, buckles, and zippers.

Use only soaps designed and specially made for down i.e.: Grangers or Nikwax. Detergents can leave water-attractive residues that will not rinse out. They also contain agents that can wash away the natural oils of the down. Never use liquid detergents or fabric softeners.

Follow down soap manufacturer's directions as to amount of soap to use. Add soap directly into the drum.

Wash garment or sleeping in permanent press cycle (warm water/warm rinse) with down soap.

Wash again, without soap.

Carefully remove garment/sleeping bag from washing machine to large capacity dryer, it is fragile at this point from the weight of the water.

Tumble drying is best. Bring a good book and a roll of quarters. Tumble dry in a large machine on low heat. If your laundromat has an 'extractor' machine, use it. This high speed drum will gently spin a lot of water out of the garment/sleeping bag and hasten the drying process. Tumble drying helps fluff-up the down and hastens process. Some people recommend adding a few clean tennis balls or a pair of sneakers to the dryer in an effort to fluff the down and break-up the wet clumps. The light weight of tennis balls does very little to help. A pair of sneakers on the other hand could damage the item. Pull the item out of the dryer and manually checking for wet clumps breaking them up with your fingers every 15 minutes.





Grangers Down Wash PLUS

A gentle, soap cleaner that is a safe and effective way of cleaning down filled jackets, sleeping bags, duvets and comforters. Down Wash Plus cleaner restores loft to down-filled items--it also works well on synthetic insulated clothing and sleeping bags. Special formula includes the PLUS additive that eliminates odor and prevents its return. Concentrated formula gently cleans down-filled clothing, sleeping bags and comforters.

- Restores loft for increased warmth and comfort.
- "Plus" odor elimination technology removes and prevents odors.
- Waterworks Technology®, environmentally friendly water-based and biodegradable.
- Contains no UV brighteners, whiteners or perfumes.



Nikwax Down Wash

- Restores the loft and natural water-repellency of down garments, sleeping bags and comforters. Effectively cleans heavily soiled down-filled equipment. Non-detergent and bio-degradable. Preserves the water-repellency of outer fabrics as well as the down and helps the down and feathers regain their "bounce" and loft. Can be applied directly to remove grease spots or stains.
- Available in 10 oz., 33.8 oz. and 169 oz. size bottles.

For those who prefer to use a professional to clean and/or repair your down garment/sleeping bag, we recommend,

Rainy Pass Repair Inc.: 4415 Stone Way North, Seattle, WA 98103
(888) RIP STOP (206) 523-8135
www.rainypass.com