ActiVHeat®
HEATED APPAREL

USER MANUAL

For Jacket Models: 9JKPPSSBL, 9JLPPSSBL, 9JKPPFLBL, 9JLPPFLBL & Vest Models: 9VEPPFLBL, 9VEPPFLBL

IMPORTANT :

Please read these instructions upon receipt of this product to ensure the safe and optimal performance from your heated garment.

Welcome

Thank you for choosing ActiVHeat® battery-operated heated apparel. Your high performance ActiVHeat® heated garment has been designed to provide you with warmth where and when you need it, whatever the weather.

The unique heating system is based upon soft non-metallic fibers that are extremely efficient in generating heat from a low voltage source. These non-metallic fiber bundles are sewn into your ActiVHeat® garment to provide warmth to your body.

Check that this this package contains 1 each of an :

- ActiVHeat® **Vest or Jacket**; together with an ActiVHeat® One-Button **Controller** with this **Manual**;

  and

- ActiVHeat® Lithium Polymer **Battery** Pack with a Plug-in Battery Wall **Charger** (in a bubble bag) ;

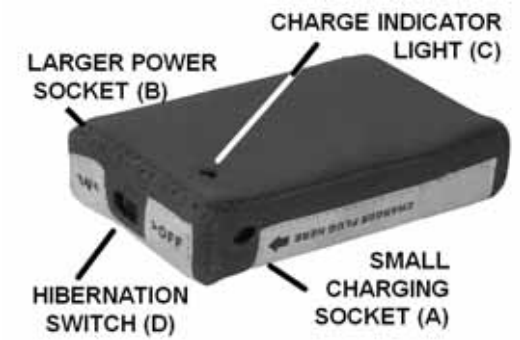
Note: If you did not receive a Battery Pack and Charger with your garment, please check the package carefully first as it may have been packed separately. If it not included please contact your retailer as they have omitted to include it. This omission is not a manufacturer warranty issue.

Getting Started

The ActiVHeat® Lithium Polymer Battery Pack is supplied with an ON/OFF hibernation slide switch and you should slide this switch using a pen or small tool to ON now to activate it.

Because it is supplied with a low maintenance charge, you should charge it fully upon receipt. The first time full charge may take up to 6 hours. Thereafter it will take approximately 3 hours. This Battery Pack does not require pre-conditioning and will deliver 100% of power from the first cycle. Always keep the Battery Pack and Charger out of reach of children.

Charging the Battery Pack



There are two sockets & a switch on the Battery Pack. The smaller socket (A) connects to the Charger and the larger socket (B) connects to the garment plug.

The switch (D) is a hibernation storage switch and must be slid using a pen or small tool to the ON position to charge or operate. You should only slide the switch to OFF when you don't plan to use the battery pack for more than 2 months.

1. Plug the wall charger into an active electrical outlet.
2. Ensure the battery pack switch is slid to the ON position.
3. Insert the charger plug into the smaller socket on the Battery Pack.

The Charge indicator light (C) will illuminate RED when charging. The light will turn GREEN when charging is complete. The Battery Pack will not charge if the slide switch is OFF.

Note: If no light illuminates on the Battery Pack, check the Battery Switch is slid to ON, the charger plug is firmly connected into the Battery Pack, and the AC charger is fully in-

serted into an active electrical outlet.

You cannot overcharge the Battery Pack. When the Battery Pack is fully charged, the system stops any current entering the Battery. This makes the system completely safe even if a fully charged battery pack is plugged into the charger continuously. The charger supplied has been chosen specifically for the Battery Pack supplied.

Warning: *Only use the supplied AC charger or other ActiVHeat® accessory to charge the Battery Pack. Charging the Battery Pack with a substitute AC charger may damage the Battery Pack and will void your warranty. You may use the ActiVHeat® car charger.*

When to Recharge the Battery Pack

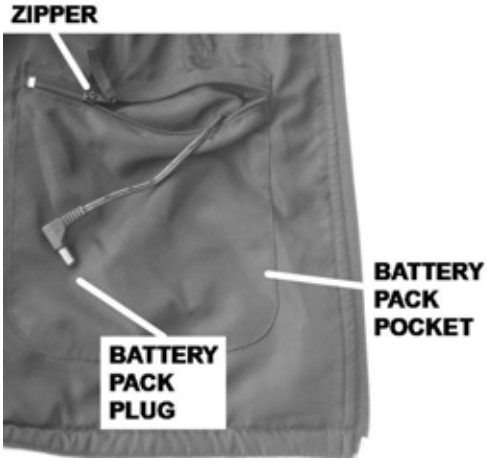
For best performance, charge the Battery Pack every time right BEFORE using your ActiVHeat® garment. However, you can recharge the Battery Pack whenever it is convenient.

The Battery Pack will naturally discharge itself over time, it is best to charge it the same day you plan to use it, or the day before.

Each time the battery switch has been slid from OFF to ON, you will need to charge the battery pack for a few seconds to power up the microprocessor inside. You should only use the OFF hibernation position when not using the battery pack for more than 2 months.

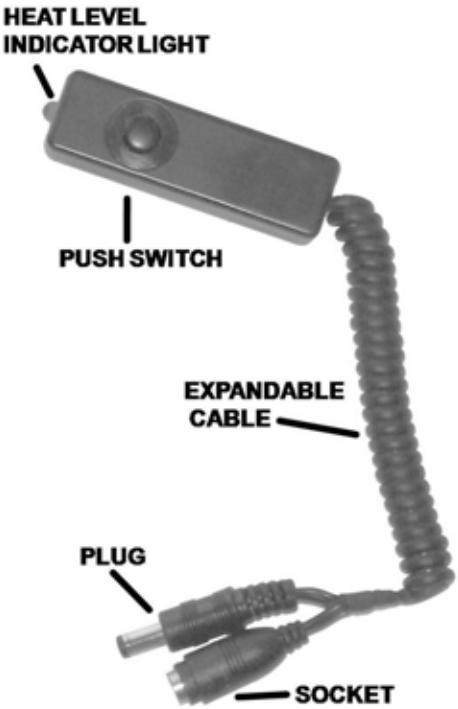
As with all lithium polymer batteries, the charging capacity of the Battery Pack (i.e. the number of hours of heat) will be permanently reduced if the Battery Pack slide switch is in the ON position & not charged up for more than 3 months. This is most likely during the warmer months when the garment is not is use so **fully charge the Battery Pack and slide the Battery Pack Switch to OFF when you plan to store it for an extended period of time**. **Always charge battery pack at least every 12 months.** Store the Battery Pack in dry and cool location at a temperature no higher than 86°F (30° C).

Installing the Battery Pack



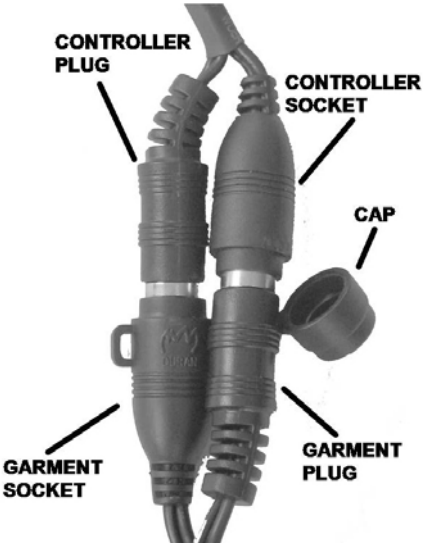
1. Locate the horizontal zipper of the Battery Pack pocket inside the garment behind the left hand pocket.
2. Open the zipper and reach in to locate the Battery Pack plug. This plug is attached to a short cable connected to your garment.
3. Securely plug the Battery Pack plug into the large socket on the Battery Pack.
4. Insert the Battery Pack with the plug securely connected into the Battery Pack pocket and fully close the zipper.

Installing the One-Button Controller



Your One-button Controller has a plug and a socket at one end. This plug and socket connects to your garment.

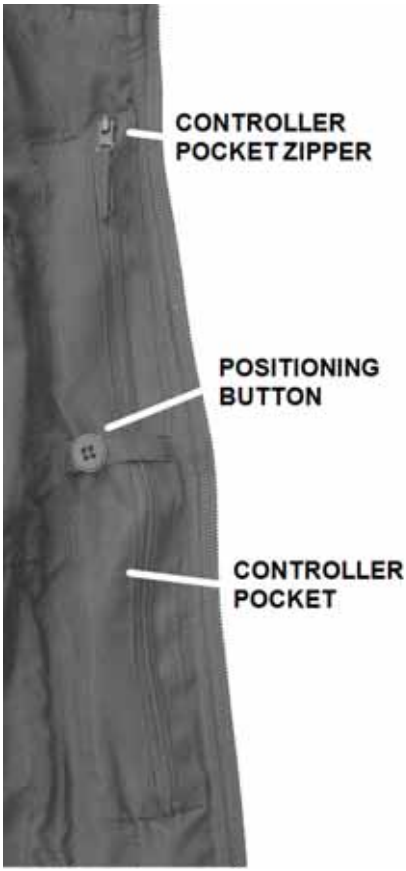
1. Locate the long vertical zipper of the Controller pocket inside the garment behind the left outer chest pocket *(see right opposite page).*
2. Undo the positioning button located half way down the zipper and fully open the zipper.
3. Locate the garment plug and socket inside the bottom of this long pocket *(see right opposite page).*
4. The Garment Socket has a



rubber Cap which is placed over the Garment socket for washing. Gently pry off this Cap.

5. Firmly connect the Controller plug and socket to the Garment plug and socket. If both plugs and sockets are not firmly connected the garment will not operate.

6. Test the Battery connection by depressing the switch button on the Controller. A light should illuminate on the Controller which indicates the Controller is connected to the Battery. Repeatedly depress the switch button until the Controller light goes off so the Battery Pack is not discharged.



7. Lay the Controller inside the pocket with the switch button portion near the top of the pocket.

8. Close the zipper fully and fasten the positioning button. The positioning button makes it easier to access the Controller by stopping the Controller from slipping down inside the pocket.

Your ActiVHeat® garment is now ready to use.

Adjusting the Heat Level

The ActiVHeat® Controller has a pushbutton switch and a colored Indicator Light on one end which varies from Red, Orange, Green or Off when you depress the switch each time. *(see previous page).*

No Light = OFF (NO HEAT)

Red = 100% Power (HIGH HEAT)

Orange = 50% Power (MEDIUM HEAT)

Green = 25% Power (LOW HEAT)

Warning:
Do not use the garment:
a) when it is wet,
b) against bare skin; or
c) when ambient temperature is above 85°F (~30°C).

Keep the Battery Pack away from fire and other heat sources to avoid the risk of explosion.

Getting the Best Results

The closer the garment is to your skin, the more heat you will feel. Further, it is recommended you wear an outer layer of clothing to further trap the heat around your body.

The ActiVHeat® system will provide heat on the chest areas and upper back for up to 5 hours of continuous use (on LOW setting). You will get the best from your ActiVHeat® garment by switching the Controller button as described below.

Normally you would switch your ActiVHeat® garment to HIGH (Red) approximately 5 minutes before going outside. Depending upon the external temperature and how physically active you are, you should then be able to switch the heat down to a lower heat level or to OFF after approx. 15 - 20 minutes, as the heat generated from your muscles will be sufficient to keep you warm.

If you become inactive, or the temperature drops or you feel cold, switch the heat on to HIGH immediately until you either start moving again or you reach a comfortable temperature, when you may be able to switch down the heat level.

Disconnect the Battery Pack from the garment when not in

use because even when it is turned off, the ActiVHeat® garment will continue to slowly drain power from the Battery Pack.

Operating time will be shorter than usual when the Battery Pack is at low temperatures: you can use the Battery Pack between 32°-104°F, (0°-40°C) but it works best between 50°-86° F (10°-30°C) so keep the Battery Pack out of the cold before use. During use, the Battery Pack is inside your garment close to your body heat and thus is within its normal operating temperature range.

More help! Further information about use of your ActiVHeat ® garment can be found in the Frequently asked Questions (FAQs) sections of our website www.activheat.com.

Safety Features

The ActiVHeat® heating system has been designed for safe and reliable use. DO NOT replace or interfere with the electrical components in the heated garment, the controller, the battery pack or the charger unit.

The ActiVHeat® system, including battery pack, is not designed to be used under water. If the garment gets very wet during use (such as in heavy rain) detach the Battery Pack and do not use until the garment is fully dry. In addition, the Battery Pack must never be immersed in water as this will cause electrical faults. Keep all electrical parts dry.

Care and Washing Guide

IMPORTANT!:The Battery Pack and Controller must never get wet. To avoid damaging your ActiVHeat® garment, before washing you MUST:

1. Remove the Battery Pack from the garment,
2. Remove the Controller from the garment,
3. Replace the Cap onto the Garment socket in the Controller Pocket; *(see over)* and
4. Close all zippers.

Washing

Your ActiVHeat garment must be **HAND WASHED** separately in cold water and **HANG DRY** only.

- DO NOT WRING
- DO NOT BLEACH
- DO NOT IRON
- DO NOT DRY CLEAN

What happens if my heated garment gets torn?

DO NOT attempt to replace or interfere with the electrical components in the ActiVHeat® garment. The ActiVHeat® jacket or vest may not be repaired in any way as this may damage the electrical parts.

Replacing a Used Battery Pack

The rechargeable Battery Pack will eventually stop charging effectively. This is normal and is caused by several factors including the number of times charged, the length of time unused and the ambient temperature. It will usually require replacement after about 500 charges. Go to www.activheat.com to order battery packs and car accessories.

Note: Properly dispose of the used Battery Pack. Do not dispose by general household refuse. Consult your local municipality for correct disposal or recycling of lithium polymer rechargeable batteries.

What if my ActiVHeat® garment doesn't get warm?

1. Wait a few minutes to feel the warmth. The ActiVHeat® garment produces a gentle warmth not a sudden burst of heat.

2. Check the battery pack plug is connected to the charged Battery Pack.
3. Check the ActiVHeat® controller is switched so the RED indicator light comes on.
4. Ensure BOTH the controller plug and socket are securely connected to the garment plug & socket. (If only the controller plug is connected, the Controller light may illuminate but no power is going to the heating elements in your garment.)
5. Ensure the Battery Pack is switched ON & charged by plugging the Battery Pack into the Charger in a wall outlet. If there is a red light on the Battery Pack, it needs charging. It is fully charged when a steady green light is on. If there is no light when charging, check the charger plug is connected tightly to the battery pack & ensure the battery pack slide switch is ON. If there is immediately a flickering green light then you need to slide to ON the Switch on the Battery pack .

If you experience any discomfort while wearing this garment, remove it immediately & consult your doctor before resuming use. Children, pregnant women, and those with heart conditions should consult their doctor before use.

Warranties

ActiVHeat® Garment One (1) Year Limited Warranty.

Every ActiVHeat® garment is thoroughly inspected and tested before leaving the factory garment and when purchased from a United States retailer is warranted against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR from date of purchase by the original purchaser ("Garment Warranty Period"). If a defect arises and a valid claim is received within the Garment Warranty Period, at its option, Adventive IDEAS will either 1) repair the defect, using new or refurbished replacement parts, or 2) replace the garment with a new garment that is at least functionally equivalent to the original garment.

ActiVHeat® Battery Pack Ninety (90) Day Limited Warranty.

The Battery Pack included with this ActiVHeat® garment is warranted against defects in materials and/or workmanship under normal use for a period of NINETY (90) DAYS from date of purchase by the original purchaser ("Battery Warranty Period"). If a defect arises and a valid claim is received within the Battery Warranty Period, Adventive IDEAS will either 1) repair the defect, using new or refurbished replacement parts, or 2) replace the defective Battery Pack with a new or refurbished Battery Pack that is at least functionally equivalent to the original Battery Pack.

Limits and Exclusions

A replacement product or part, including a user-installable part installed in accordance with instructions provided by Adventive IDEAS, assumes the remaining warranty of the original product or part. When an item is exchanged, any replacement product or part becomes your property and the replaced product or part becomes Adventive IDEAS' property.

Coverage under both the Garment Warranty and the Battery Pack Limited Warranty is limited to the United States of America, including the District of Columbia and the U.S. Territories of Guam, Puerto Rico, and U.S. Virgin Island.

These Limited Warranties apply only to products that can be identified by the "ActiVHeat®" logo affixed to them or their packaging. The Limited Warranty does not apply to any non- ActiVHeat branded products. Both warranties do not apply to: a) damage caused by failure to follow instructions relating to product's use, washing instructions or the installation of components; b) damage caused by accident, abuse, misuse, fire, floods, earthquake or other external causes; c) damage caused by service performed by anyone who is not authorized by Adventive IDEAS; d) a product or part that has been modified to alter functionality or capability; (e) Normal wear and tear; and (f) any purchaser who bought the product from a reseller or distributor not authorized by Adventive IDEAS, including but not limited to purchases from internet auction sites. The Garment Warranty does not apply to a Battery Pack being an item intended to be periodically replaced by the purchaser during the normal life of the product.

ADVENTIVE IDEAS SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THESE WARRANTIES. TO THE EXTENT PERMITTED BY APPLICABLE LAW, ADVENTIVE IDEAS DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF ADVENTIVE IDEAS CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY.

Some states disallow the exclusion or limitation of incidental or consequential damages or how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Obtaining Warranty Service

DO NOT RETURN THE PRODUCT TO THE RETAILER, Please Contact Adventive IDEAS First!

Note: if you did not receive a battery pack and charger with your garment, please check the package carefully first as it may have been packed separately. If it not included please contact your retailer as they have omitted to include it. This omission is not a manufacturer warranty issue.

To obtain warranty service, contact Adventive IDEAS' Service Department by email at: service@activheat.com or by telephone at 1-609-924-6110 between 9am-5pm EST. Please be prepared to describe:

1. The Controller Serial number found on the back of the controller;
2. The item model number found on the packaging (9….);
3. The date and location you purchased the item (a purchase receipt is required); and
4. The nature of the problem.

All repairs and replacements must be authorized in advance using a Return Authorization (RA) Number. Service options, parts availability and response times will vary. You are responsible for delivery and the cost of delivery of the product or any parts to the authorized service center for repair or replacement, per our instructions.

If instructed to do so, complete and follow the instructions in the "Warranty Return Checklist" found in the "Service" section of our website www.activheat.com . Also, before being instructed to return any item you will receive a Return Authorization (RA) Number. Please make sure to include this number on the form. Items returned without an RA number will <u>not be serviced</u>.

After receiving your item, our Service Department will notify you the results and of any additional costs (via phone or email) that may not be covered by your warranty. Most repairs and service will be completed within 15 business weekdays after we receive the item, however, service options, parts availability and response times will vary especially during holiday periods.

In case the item you purchased requires repairs or service BUT is no longer covered by the warranty, contact our Service Department for information regarding the cost of repair and parts.

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