

ZIPPKOOL High Visibility Helmet Cooler

Product Manufactured by SFT Laboratory Co., Ltd.
ZIPPKOOL INC. is a U.S. Subsidiary of SFT Laboratory Co. Ltd.

Model: HVC-02U and HVC-02L
For Full Brim Helmets

INTRODUCTION

Thank you for purchasing the ZIPPKOOL® High Visibility Helmet Cooler, a ZIPPKOOL® Branded Product.

Please read the Operation Manual below carefully before installing or using this product to ensure safety, long life, and comfort. We recommend you keep this manual for your future reference.

BEFORE GETTING STARTED

While we aim to provide a safe product, mishandling or use without following proper instruction may result in unintended harm to you and/or damage to the product.

Read and follow the below SAFETY INSTRUCTIONS before operating this product. SFT Laboratory Co. LTD. nor ZIPPKOOL INC. will be liable for damages resulted in mishandling or improper use of this product.

If you have any concerns or question regarding the content of Operation Manual, need technical assistance in operating this product, please contact ZIPPKOOL INC. at (714)-676-4143 or email at jwayama@zippkool.com.

ABOUT HIGH VISIBILITY HELMET COOLER

This product is designed provide you cool and comfort even while wearing a helmet. By attaching the ZIPPKOOL® Helmet Cooler attachment to your helmet, the built-in fan sends air into the helmet releasing heat as well as providing comfort.

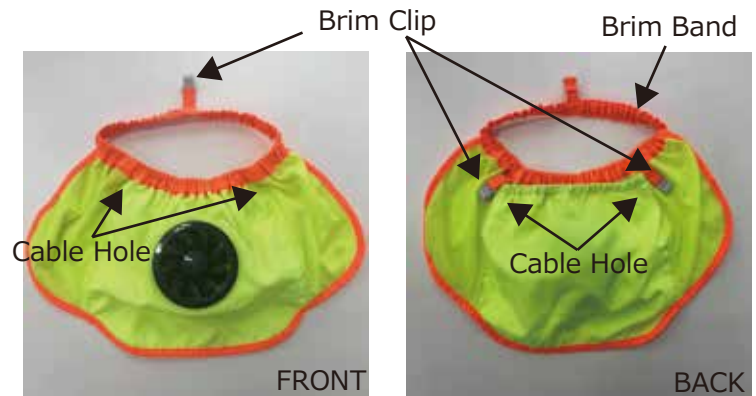
Cooling your head portion will prevent from fatigue and other heat-related illness to protect and increase productivity among workers.

Furthermore, the fabric portion covers your neck and ears and block UV to reduce sun exposure.

WHAT IS INCLUDED

Before installing, please make sure that all parts are included in your package.

Should there be any parts missing, please contact ZIPPKOOL for instructions.



ZIPPKOOL Helmet Attachment



CHARACTERISTICS

- Sends air into the helmet for cooling feeling
- High Visibility Garment for extra safety
- Covers your ears and neck area for UV protection
- Washable (Please follow proper washing instructions)
- Two Power Level (High/Low) Adjustment (HVC-02U)
- Four Power Level (TURBO/HIGH/STANDARD/LOW) Adjustment (HVC-02L)
- OSHA COMPLIANT

FOR FULL BRIM HELMETS

ZIPPKOOL High Visibility Helmet Cooler is designed to be used on a Full Brim Type Helmet, and not for a Baseball cap style helmets (Half Brim).

Please resort to HM-AC01U Helmet Cooler if you need a Half Brim Helmet Cooler.

If you are not sure which model is right for you, contact ZIPPKOOL.

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INSTALLATION

1. Fan is already installed into the **Helmet Attachment** at the time of purchase, but after washing, reinstall the fan accordingly (see **WASHING INSTRUCTIONS** for details).

2. There are two cables for your convenience. If you require the use of the **extension cable**, plug in the extension cable into the fan, slip the cable through the **cable hole**, from inside the pouch.

Connect the extension cable with the **fan cable**. **IF YOU PLAN ON SETTING YOUR BATTERY ON THE HELMET WITH THE HELMET RUBBER BAND, DO NOT USE THE EXTENSION CABLE AND CONNECT THE FAN CABLE TO THE FAN.**

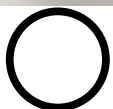
3. Slip the **Brim Band** around the Helmet, above the brim, and set it so that the fan portion is located in the back.

4. Stretch the 3 **Brim Clips** from the Brim Band and clip it on to brim in three locations so that the attachment does not slide off.



Clip on 3 locations

5. Cover the helmet size adjustment rest (in the back of your helmet) with the helmet pouch to maximize airflow into your helmet.



Cover the size adjustment with helmet pouch for maximum airflow

6. (AA Battery Box Only) Attach the **Belt Clip** onto the **AA Battery Box** using the **double-sided tape**, make sure not to tape on the battery opening side.



Front View(installed)



Back View(installed)

7. Connect the cable to your battery source.

TIPS:

By wearing the cables underneath your garment, you can reduce the cables from dangling around your body.

Wrap the Helmet Rubber Band on top of your helmet to mount your AA Battery Box on the helmet. This may add weight to your helmet but prevents the cables from dangling.

**May not work on all helmets.*

FOR YOUR SAFETY, ONLY TURN THE POWER ON AFTER WEARING THE HELMET.

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LITHIUM-ION BATTERY (HVC-02L MODELS)

If you have purchased the HVC-02L model (or upgraded to the Lithium Ion Battery), you will no longer have the need to change AA batteries. You will enjoy MORE AIRFLOW with LONGER BATTERY LIFE.

There are two ports on the Lithium Ion Battery Pack. Either ports will power your fans. HOWEVER THEY ARE NOT DESIGNED TO BE USED AT THE SAME TIME. DO NOT CHARGE WHILE USING, NOR ATTEMPT TO POWER TWO DEVICES AT ONCE.

WARNING!

DO NOT CHARGE YOUR BATTERY WHILE USING YOUR LITHIUM ION BATTERY. DO NOT USE TWO CONNECTOR PORTS SIMULTANEOUSLY FOR OPERATING MULTIPLE DEVICES.

(#) POWER LEVEL	AIR/SEC	BATTERY LIFE
(1) TURBO	3.9 GALLONS	11 HOURS/CHARGE
(2) HIGH	3.1 GALLONS	15 HOURS/CHARGE
(3) STANDARD	2.7 GALLONS	21 HOURS/CHARGE
(4) LOW	1.5 GALLONS	45 HOURS/CHARGE

(#) is the number that appears on the LED Screen on the Lithium Ion Battery

After few moments, Power Level will be replaced by Battery Life (1-9) where 9 is full and 1 is low.

To turn on power, press the ON button for about 3 seconds or until you hear the fan go on. The Lithium Ion Battery will not turn on while it is unplugged to a fan. The default power level is at 3 or STANDARD.

You may adjust power level at any time, by pressing **UP** to **INCREASE POWER** and **DOWN** to **LOWER POWER**.

After adjusting the power level, the **BATTEERY LED** will display **BATTERY LIFE** with numbers ranging from 1 to 9.

A 9 means the battery is fully charged, and 1 means the battery is low.

To turn off the battery, simply press **OFF** for about 3 seconds, or by simply pulling the cable out of the ports.

PROPER USE OF LITHIUM-ION BATTERY

1. Charge it after your daily use. Charging from Empty to Full takes about 6 hours. Leaving the battery empty for a long period of time will shorten the battery life.

2. If you do not expect to use the battery for a while, please fully charge the battery before storing it.

Unused battery will last about 6 months, and recharge after 6 months.

PLEASE STORE BATTERY IN A DARK COOL PLACE and avoid the sun/heat.

FCC VERIFICATION

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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WARNING REGARDING LITHIUM-ION BATTERY

- a) Do not dismantle, open or shred secondary cells or batteries in the Lithium Ion Battery pack.
- b) Do not expose cells or batteries to heat or fire. Avoid leaving Battery inside cars that may heat up under the sun.
- c) Do not short circuit batteries. Do not store batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.
- d) Do not subject battery to mechanical shock.
- e) In the event of cell leaking, do not come into contact with the battery liquid. If exposed to liquid, wash the affected area with copious amount of water and seek for medical advice.
- f) Do not use any other charger other than the provided ZIPPKOOL charger.
- g) Use of Lithium Ion Battery by children shall be strictly avoided.
- h) Do not attempt to use Battery that is not ZIPPKOOL® Branded or manufactured by SFT Laboratory Co., Ltd.
- i) Keep battery pack clean and dry after usage.
- j) Wipe the battery terminals with a clean dry cloth if exposed to dust or dirt.
- k) Do not leave battery charged for over one week.
- l) Charge battery at least once every 6 months to maintain proper battery life.
- m) Only use the battery for applications which was intended.
- n) Dispose Lithium-Ion Battery properly according to state law.

SAFETY INSTRUCTIONS

The following is prohibited in using this product:

- Making any modifications to the inside or the outside of the product.
- Use of this product in or near water.
- Continual usage of this product when a damage is visible to the wiring.
- Use of this product in or near an open flame.
- Use of this product in an environment which requires intrinsically safe equipment. This product is NOT designed to be FIRE PROOF or INTRINSICALLY SAFE.
- Use of this product in an extreme hot temperature. (over 120F)
- Use of this product in high static area.
- Use of this product near flammable gas or liquids.
- Sleeping with this product on.
- Use of this product when feeling sick or ill with cold-like symptoms.
- Keeping the product ON when not in use.

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RECOMMENDED SAFETY INSTRUCTIONS

- Follow WASHING INSTRUCTIONS when washing this product.
- Note the length of the cable and use with precaution. If the cable acts as a hazard, please use the provided Helmet Rubber Band to strap your battery onto your helmet so that the cable will not deter you from your activities.
- Do not place heavy or sharp objects on this product.
- This product is designed to be installed on a helmet that is designated to your work environment. Please follow OSHA and/or other safety requirements in addition to the use of this product.
- Do not get your head close to the fan when the power is ON. Your hair may get stuck in the fan.
- Do not stick your finger or any other body parts inside the fan.
- Do not operate the product when the surface or inside is wet.
- Stop using this product when you hear a clinging noise from the fan and contact ZIPPKOOL.
- Do not throw or stomp on the product, apply force on the fan portion.

ZIPPKOOL HELMET COOLER SERIES IS NOT A SAFETY EQUIPMENT. IT IS DESIGNED TO BE INSTALLED ONTO YOUR STANDARD SAFETY EQUIPMENT. PLEASE WEAR ALL APPLICABLE SAFETY GEAR AS REQUIRED BY OSHA OR ANY OTHER SAFETY REGULATIONS.

IF THE INSTALLATION OF THE HELMET COOLER IS DEEMED TOO DANGEROUS OR HAZARDOUS IN YOUR WORK ENVIRONMENT, STOP USE RIGHT AWAY. THIS PRODUCT IS NOT FLAME RESISTENT AND NOT INTENDED TO BE USED IN INTRINSICALLY SAFE OR FIRE PROOF ENVIRONMENT.

PRODUCT SPECIFICATIONS

Product Size:	W: 12.6" H: 7.9"
Brim Band:	16.5"(when shrunk)
Weight:	Attachment: 5oz
Battery Box:	1.2oz (6oz w/ 4 AA's)
Lithium Ion Battery Pack:	8.5oz
Cable Length:	22 inches (extension: 35.4 inches)
Air/Sec (Battery Box):	H: 2 Gal/Sec L: 1 Gal/Sec
Air/Sec (Li-Ion Battery):	TURBO: 3.9 Gal/Sec HIGH: 3.1Gal/Sec STANDARD: 2.7 Gal/Sec LOW: 1.5 Gal/Sec
Power:	4 AA Battery (Not included) Lithium Ion Battery Pack (HVC-02L)
Material:	100% Polyester
Brim Band/Helmet Rubber:	Rubber

- *Helmet Not Included
- *Not intended for use near Fire or flames

WASHING INSTRUCTIONS

Please remove all fan and cables before washing this product.

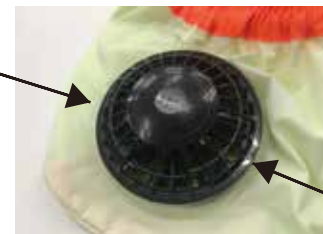
Only the pouch (without the fan) is washable. Please follow washing instructions on the washing label to maximize product life.

Instructions on Removing Fan

Remove all cables. Located the Tab on the two edges of the fan, and squeeze so that the fan holding ring pops out. Remove the Fan holding ring and remove the fan from the other side.



Turn the pouch inside out to locate the fan from the inside



Squeeze the TWO TABS that are located on the edges

Instruction on Installing Fan

Slip the fan into the fan hole, with the surface of the fan facing outwards. On the inside of the pouch align fan holding ring with latch, so that the number (1) is adjacent to the Tab. Snap the Ring on to the Fan so that the fan is secure on the pouch.

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WARRANTY

ZIPPKOOL WARRANTY AND TERMS CONTAINS A MANDATORY AND BINDING ARBITRATION PROVISION IN WHICH YOU AND ZIPPKOOL (ZIPPKOOL INC. / SFT LABORATORY CO. LTD.) AGREE TO RESOLVE ANY DISPUTES BETWEEN THE PARTIES BY BINDING ARBITRATION.

ZIPPKOOL Warranty (warranty) covers for ZIPPKOOL® HELMET COOLER series sold or purchased in the United States (including Puerto Rico), Canada, and Mexico through ZIPPKOOL INC. or contracted distributor and does not cover for ZIPPKOOL products sold by an unlicensed third-party either new or used. Furthermore purchase receipt or invoice must be present in order to receive any full or partial coverage under this warranty.

1. The product comes with a FULL 6 MONTHS WARRANTY and LIMITED ONE YEAR WARRANTY both from the date of purchase.

2. The FULL 6 MONTHS WARRANTY covers defects for Helmet Attachment (Polyester Pouch + Brim Band), Fan, Cables, Battery Box, and Helmet Rubber Band that are defected in the manufacturing process, and not as a result of improper use by user. In such occurrences, halt immediate use and contact warranty@zippkool.com or call ZIPPKOOL at 714-676-4143. Ship us back the defected part (or the entire product) for review, and once the defect is confirmed, we will either fix the problem or replace it with a brand new part. Please allow up to 2 months for the replacement/fix part to arrive.

3. LIMITED ONE YEAR WARRANTY covers all CABLES, BATTERY BOX, AND HELMET ATTACHMENT that are defected in the manufacturing process, and not as a result of improper use by user. In such occurrences, halt immediate use and contact warranty@zippkool.com or call ZIPPKOOL at 714-676-4143. Ship us back the defected part (or the entire product) for review, and once the defect is confirmed, we will either fix the problem or replace it with a brand new part. Please allow up to 2 months for the replacement/fix part to arrive.

4. All parts are available for purchase separately after the expiration of the warranty.

5. Product defects due to accident, misuse, neglect, improper installation/maintenance, modifications, fire, theft, acts of God, power failures, surges or electrical shortages, lightning or repairs made by non-ZIPPKOOL authorized service providers, or use with incompatible third party products will not be covered. If either the Direct Cooling Logo, ZIPPKOOL LOGO, serial barcode/number on the product or tags have been defaced or removed, the product will no longer be covered.

6. No ZIPPKOOL reseller, agent, or employee is authorized to make any modification, extension, or addition to this warranty. This warranty is governed and construed under the laws of the country in which the product purchase took place.

7. SFT LABORATORY CO. LTD. AND ZIPPKOOL INC. EXPRESSLY DISCLAIMS ALL WARRANTIES NOT STATED IN THIS WARRANTY. ALL OTHER EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND/OR NONINFRINGEMENT OF THE THIRD PARTY RIGHTS, ARE HEREBY DISCLAIMED. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED IN DURATION TO THE TERM OF THIS EXPRESSED WARRANTY. SOME JURISDICTION DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU.

8. IN NO EVENT, WILL ZIPPKOOL INC., ITS AFFILIATES, MANUFACTURER OR SUPPLIERS BE LIABLE TO YOU OR THIRD PARTY FOR ANY DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT. THIS LIMITATIONS APPLIES TO DAMAGES OF ANY KIND WHATSOEVER INCLUDING (1) PRODUCTION OR EFFICIENCY LOSS DUE TO THE PRODUCT BEING USED, (2) HEALTH DEFECTS DUE TO THE USE OF THE PRODUCT, (3) ANY DIRECT OR INDIRECT DAMAGES, LOST PROFITS, LOST SAVINGS, OR OTHER SPECIAL, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, WHETHER FOR BREACH OF WARRANTY, CONTRACT, OR OTHERWISE ARISING OUT OF THE USE OF OR INABILITY TO USE THIS PRODUCT AND/OR USER GUIDE OR MANUALS.

For Questions regarding installation or Technical Support
Contact:

ZIPPKOOL INC.

Email: jwayama@ZIPPKOOL.COM

Phone: 714-676-4143

M-F 9:30AM - 5:30PM (Pacific)

15154 Transistor Lane, Huntington Beach, CA 92649