



OPERATING MANUAL



Version 5.1 - Updated 26 Feb 2024
Download the most updated version on the clim8 website.

MEN'S / WOMEN'S HEATED VEST

INTELLIGENT THERMAL TECHNOLOGY

Powered by clim8® to employ the latest in personalized thermo-regulation.

BACKED BY SCIENCE

Mapped heat zones to maintain an ideal temperature.

heat
to go

SMART APP CONTROL

Learns and reacts in real time to adapt to changing conditions.

Welcome to the future of workwear with the Carhartt Heated Vest powered by clim8® intelligent thermal technology.

Your gear features the latest in personalized thermo-regulation to efficiently respond to real-time temps, activity level and changing conditions.

Please read the operating manual carefully before operating the Heated Vest. Improper use may result in product damage.

IN THIS MANUAL

clim8® Technology	4
What's In The Box?	5
Quick Start And Go	6
The clim8 App	7
Safety Warnings And Instructions	8
How To Use The Heated Vest?	9
Troubleshooting.....	11
Technical Specifications.....	12
The Carhartt Built To Last Commitment SM	15
Regulatory Statements.....	16

CLIM8® TECHNOLOGY

Intelligent heating system monitors temperature and reacts to changes, maintaining comfort.

Armed with technological and scientific expertise, clim8® engineers are creating the next generation of intelligent thermal wearables that are born from work, and built to:



MONITOR

temperature in real time



ANALYZE

environment and activity



ACTIVATE

heat automatically & safely when needed



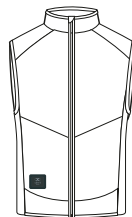
REGULATE

warmth to optimal comfort

WHAT'S IN THE BOX?

One intelligent Heated Vest

Contains a clim8® module with LED indicator (Protection: IP67*), a pouch, and a connecting socket for the battery



One rechargeable li-ion battery

3000mAh - 7.4V



One charger

A battery charger with a charge indicator LED light



*IP67 means that the module is dustproof and waterproof to a depth of less than 1 meter for 30 minutes. Batteries and chargers are not IP-rated.

QUICK START AND GO



1 • Download the clim8® app

Available on Google Play or the App Store, or flash the QR code next page.



2 • Pair your Heated Vest

Allow Bluetooth and localization permissions.



3 • Set up your personal thermal profile (indoors) *

Put your Heated Vest on to calibrate it to your most comfortable temperature.



4 • Select your activity and go!

clim8 intelligent system will auto-activate heating according to your profile and environment to aim to keep you comfortable.



5 • Feedback and personalization

The algorithms learn from your feedback and personalize the thermal response of your Heated Vest.

THE CLIM8 APP

Customize your Heated Vest according to your needs and preferences: the system learns and improves for a tailor-made heating experience.

You've forgotten your smartphone? Don't worry, the heating system is fully autonomous!

***Please note the clim8 mobile application and an Internet connection are essential for the initial configuration of the product.**

To download the application, simply search for *clim8* on Google Play or the App store or scan the QR code below. Your smartphone must support Bluetooth Low Energy.



Compatible with iOS
11+ and Android 7+

SAFETY WARNINGS AND INSTRUCTIONS

Keep these important instructions for future reference. Please read the operating instructions carefully.

- Please consult your doctor before using this Heated Vest if you have problems sensing hot or cold objects (e.g., diabetics, disabled persons, Raynaud's, etc.).
- This Heated Vest is not suited for children under the age of 13 or for people with the inability to sense heat on the skin (e.g. a metabolic disorder commonly associated with diabetes).
- People with a heart pacemaker, metal implants or insulin pump should first consult with their doctor before using the Heated Vest.
- Not suitable for children under the age of 36 months.
- Children should be supervised to ensure that they are not using the Heated Vest as a toy.
- Not intended to be used to warm animals.
- Only use the supplied charger to charge the device. It is designed for indoor use and must not be exposed to humidity.
- Do not insert any metal or other

objects into sockets or plugs because this can damage the Heated Vest.

- If the charging cables or any other parts of the Heated Vest are damaged, discontinue the use of the Heated Vest.
- Do not modify the product or divert it from its intended use.
- Damaged chargers or charging cables cannot be repaired.
- Not intended for medical use in hospitals.
- Avoid kinking the Heated Vest by placing another object on top of it during storage.
- Never use if inner liner is wet.
- It is not recommended to use the Heated Vest with an avalanche transceiver.
- The Heated Vest must only be operated with the supplied battery.
- Do not sleep with your Heated Vest while it is still switched on.
- If the temperature sensors are damaged, contact Carhartt Inc. prior to any further use.

HOW TO USE THE HEATED VEST?

FIRST USE AND CHARGING THE BATTERIES

Important note: charge the batteries prior to first use.

- 1 • Plug the charger into the wall and connect the cable to the batteries. When charging, the light on the charger will turn RED.
- 2 • Once the batteries are fully charged, the charging process automatically ends and the charge indicator changes back to GREEN. Please disconnect the batteries from the charger.
- 3 • Open the inside pocket of the Heated Vest and plug the battery to the connector.

Batteries cannot be charged when connected to the Heated Vest.

IMPORTANT INSTRUCTIONS FOR USE

- Check to make sure that the batteries are properly connected with your Heated Vest (plug locked into place).
- Always set your Heated Vest to your initial reference temperature to maintain a comfortable temperature.

TURN HEATED VEST ON/OFF:

To turn your Heated Vest on/off, simply connect/disconnect the batteries.

DOUBLE TAP FUNCTION

On your Heated Vest, simply double tap the clim8® module with two fingers. The LED color will change accordingly to the active mode.



See it live!

ACTIVE MODE	BATTERY USAGE	HEAT LEVEL	LED COLOR*
Stand by	Very low	None	Off
Eco	Low	Low	Blue
Comfort (Default)	Medium	Medium	Purple
Boost	High	High	Red

* The LED indicator is on the clim8® module attached on the Heated Vest.

HEAT SETTINGS AND DURATION

You can manually adjust the heat on your phone directly within the clim8 app. The higher the target temperature is, the shorter the battery is going to last. The heating duration per charge depends on the selected/calibrated temperature, your profile, your activity, ambient temperature and weather conditions as well as

charging status of the batteries.

STORAGE AND CARE

When storing the Heated Vest, allow it to cool down before folding. Avoid creasing the Heated Vest. Do not place heavy items on top of the product during storage.







For regular use, you can store your Heated Vest without disconnecting the battery. The system will go to Stand by mode and consume minimal battery life.

For long-term storage, disconnect the battery from the Heated Vest. To prolong battery life, we recommend charging at least every 6 months. This ensures that the maximum battery power is preserved for many years!

To avoid damage during storage, avoid damp and humid environment and do not place heavy weight on top of the Heated Vest.

DRYING AND CLEANING

Note: Batteries should never be immersed in liquid.

	Exclusive trimming
	Remove battery before washing
	Close all zippers
	Machine wash cold like colors - Gentle cycle
	Do not bleach
	Do not use fabric softeners
	Dry flat
	Do not starch
	Do not iron
	Do not dry clean
	Do not tumble dry

- Before washing your Heated Vest, place the cap on the connector and close all zippers.
- On your washing machine, please select a delicate wash cycle (30°C / 1000rpm maximum).
- When drying, be sure to remove the connector cap.

Make sure the Heated Vest and the connector are dry before connecting a battery.

TROUBLESHOOTING

LED BLINKING

- **Orange LED, slow blinking:** the Heated Vest is running out of battery. Please refer to battery charging instructions.
- **Purple LED, fast blinking:** the firmware of the Heated Vest is being updated. **DO NOT disconnect the battery!**
- **Red LED, fast blinking:** please try to disconnect and reconnect the battery. If the problem persists, please remove the battery and contact Carhartt Inc.

HEATING SYSTEM

If the Heated Vest is not heating or the battery does not seem to work, run the diagnostic through the clim8® app by going through the settings at the top right corner of the screen and click "Diagnostic" and follow the instructions.

If problem persists, please contact clim8.

CLIM8® APP

If there is a pairing problem of the clim8® app with the Heated Vest or malfunctioning of the clim8® app, please reinstall the app and restart the phone.

If problem persists, please contact

clim8.

CONTACT

You can find many articles, videos and tutorials to help resolving the above problem at **our online Help Center:**

<https://support.myclim8.com/>

To contact our team, please do so directly from the clim8® app.

If you are unable to open or connect to the clim8® app, then you can write to us at: support@myclim8.com.

If you encounter any other issue with the Heated Vest, please contact Carhartt Inc.

TECHNICAL SPECIFICATIONS

BATTERY

MODEL	LIP-805060-2S
NOMINAL VOLTAGE	7.4V
NOMINAL CAPACITY	3000 mA
OUTPUT WATTAGE	22.2 W
CHARGING TIME (2 BATTERIES)	Around 4h30m

CAUTION! RISK OF INJURY

Never try to open the battery pack yourself. Improper handling of the lithium-ion batteries can lead to an explosion. Moreover, the electronics of the heated garment can be damaged.

This Heated Vest is not suited for being used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor or gas).

- To reduce the risk of fire or burns, do not open, do not disassemble, do not crush, do not puncture, do not dispose in fire or water the battery, do not short external contacts.
- To prevent moisture and dirt from entering the connecting socket plug, the battery should always be connected to the cable when in

use or the cap should be placed on the socket plug when not in use.

- Damaged batteries must not be used and must be disposed of properly.

CHARGER

This charger has reinforced insulation with no accessible metal parts. Class 2 equipment plugs do not have a grounding prong. This charger is for indoor use only. Class 2 Battery Charger. Backfeed Protection.

MODEL	CH0161-0842000G
INPUT	100-240VAC, 50/60Hz, 0.5A
OUTPUT VOLTAGE (VDC)	8.4V
OUTPUT CURRENT (mA)	2000mA
OUTPUT WATTAGE (MAX-W)	16.8W

This charger 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.

NOTE: This charger has been tested and found to comply with the limits for a Class B digital device,

pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The charger must only be used in the following conditions:

- Ambient operation temperature: 32°F to 104°F; 0°C to 40°C.

- Storage environment: Temperature: 14°F to 122°F; -10°C to 50°C. Humidity: 5-95% RH (do not have condensate).

DANGER:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

WARNING:

USE ONLY RECHARGEABLE BATTERIES, OTHER TYPES MAY EXPLODE.

To reduce the risk of fire or electric shock, do not expose charger to rain or moisture.

CAUTION:

Read all instructions and warnings prior to using this charger. Improper use of this product may result in product damage, excess heat, toxic fumes, fire or explosion. See instructions for input voltage conversion.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS - Risk of injury. Risk of fire/Risk of electric shock.

Refer to this instruction manual for the size, type, and number of batteries to be charged.

- Use only in dry locations.
- Charge only 7.4V Li-Ion rechargeable batteries with this charger.

- Children should be supervised to ensure that they do not play with the charger.
- Do not use near water.
- Clean only with dry cloth. **Always remove the charger from the socket before cleaning.**
- Dispose of the charger in accordance with local regulations at a collection site for electronic waste.

This charger is not intended for use by persons under the age of 13 or those with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. If the shape of the plug does not fit the power outlet, use an attachment plug adapter of the proper configuration for the power outlet.

TRANSMITTER

TRANSMITTER TYPE	Bluetooth
FREQUENCY RANGE	2400-2483.5 MHz
TYPE OF MODULATION	GFSK
MAXIMUM RADIO-FREQUENCY POWER TRANSMITTED	<10dBm
CHANNEL SPACING	2 MHz
OCCUPIED BANDWIDTH	1.06 MHz
TYPE OF ANTENNA	Internal

Bluetooth range is about 33' (10m). This range can be reduced by obstacles (e.g. trees, walls, pockets, nearby Bluetooth devices, etc.).

THE CARHARTT BUILT TO LAST COMMITMENT SM

At Carhartt, we stand behind the quality, craftsmanship, and performance of every product we make. If one of our products should fail to meet your expectations, we'll work to make it right through repair, replacement, or credit.

Since all apparel has an expected service life, this guarantee does not cover damage caused by normal wear and tear, misuse, neglect, or obvious abuse of the garment. Carhartt assumes no liability for garments that have been altered. For normal wear and tear, a reasonable and transparent charge may be applied for our repair services.

For any repair or replacement service, please contact Customer Service Contact Info:

• Phone: 800-833-3118

• October – March:

- Monday through Friday, 8am to 11pm Eastern Time Zone
- Saturday, 8am to 8pm Eastern Time Zone
- Closed Sunday

• April – September:

- Monday through Friday, 9am to 10pm Eastern Time Zone

- Closed Saturday and Sunday

• Email: Just_Ask_Us@Carhartt.com

REGULATORY STATEMENTS



Li-ion 00



FCC - DECLARATION OF CONFORMITY

Contains FCC ID: 2AXEQ-CORE8PLUS

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference

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- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The technical specifications for this Heated Vest and the contents of this operating manual are subject to change without notice. Download the most updated version on the clim8 website.

Batteries, chargers and electronic systems are made in China.

Importer name:

Carhartt Inc.

Importer address:

Carhartt Inc.

P.O. Box 600

Dearborn, MI 48121 USA

WARNING

Carhartt Inc. and clim8 are not responsible for the consequences - whether direct, indirect or accidental - or any other type of damage arising or resulting from the use of its products.

You are responsible for your actions and activities, and for any consequences that may result from them.

Information subject to change.

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<https://myclim8.com/>

hello@myclim8.com



MYCLIM8.COM

