ThermoThink Jacket
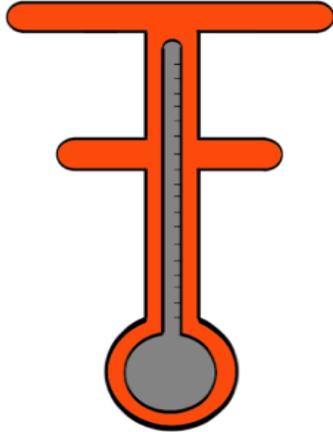
User Guide

Your Weather Weapon

Acutulus Techologies, Inc.
USER'S MANUAL

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Thank you for purchasing your ThermoThink smart jacket!

Your ThermoThink jacket comes equipped with advanced and innovative thermal heating technology to maintain a temperature that fits your personal comfort level for a truly intimate experience.

1.0   Jacket Overview and Key Features

The Jacket shell is made with 100% high quality polyester. It has a 2-ply laminate waterproof breathable layer that is the highest quality you can get of all water-resistant technology. It is very soft, noiseless and has a luxurious, comfortable feel with exceptional durability. The adjustable storm sleeve zippers and snaps allow truly customized comfort and fit.

It is lined with high quality water-proof Thinsulate that offers a unique blend of synthetic hydrophobic fibers resulting in exceptional warmth and enhanced water resistance. It is very lightweight, highly compressible and also hypoallergenic.

We built the jacket with form and function in mind using the highest quality materials while integrating advanced high performance heating technology. The jacket is truly amazing allowing you to heat at 75 different personalized heat settings. It also has a very unique cooling feature designed to accelerate the body's natural cooling process by pulling heat out of the jacket.

We did not stop there. The jacket's true magic is auto-mode. You can set a minimum and maximum temperature based on your own personal comfort and the jacket does the rest automatically heating or cooling down throughout the day to keep you the perfect temperature!

1.1 How to plug your ThermoThink device into your jacket

Your ThermoThink controller fits into the jackets interior pocket. In that pocket you will see a connector coming out of the jacket. The device has a keyed 14-pin connector that it plugs into.

1.2 How to recharge your ThermoThink device

Your ThermoThink controller came with an 8.4v / 2A charger. The ThermoThink device has a barrel plug port. To recharge the battery simply plug the charger in the wall and connect the barrel plug port on the controller. The charge times will vary depending on current battery life. A full charge typically takes 6-8 hours.

Note: The controller is fully charged when the LED n the wall charger has a green light. A red light means it is still charging. Make sure to always use an 8.4v 2 amp charger.
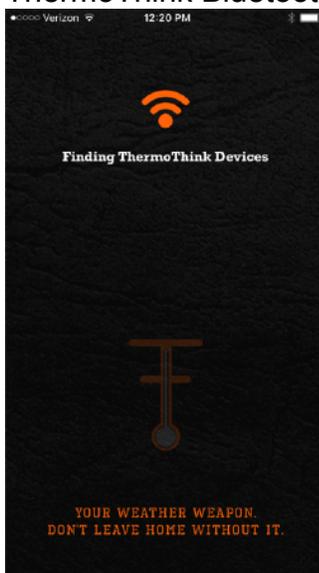
1.3 How to download the ThermoThink Android or iPhone app
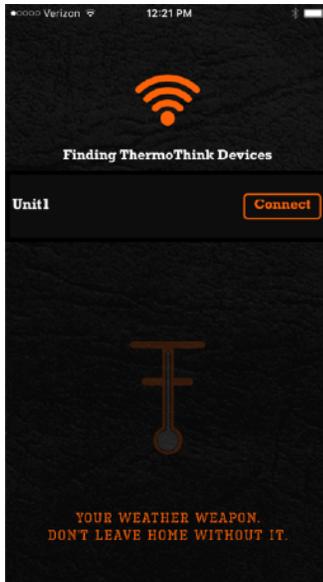
AppStore and Google Play

- Simply search the AppStore or Google Play for "ThermoThink" to download and install

2.1. Connect ThermoThink device with your iPhone or Android app

When the app is opened it will display the below screen when there are no ThermoThink Bluetooth devices found.
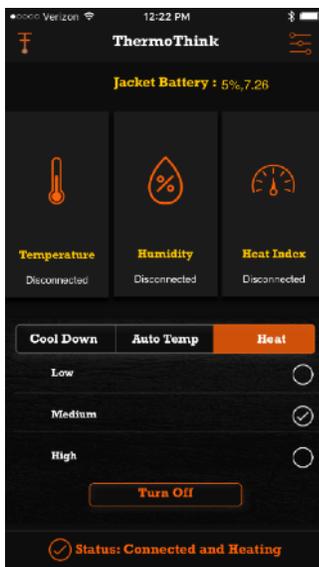
Turn on the power switch on the controller. The app will find your device as shown below.

Press the "Connect" button to connect your Jacket to the Android or iPhone app.
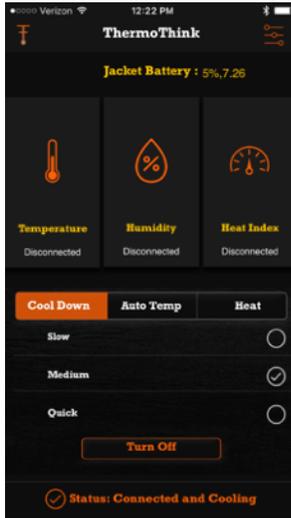
2.2   Heat Mode

Press the Heat button to turn on the Jacket heating mode. Select high, medium or low to change the heat intensity.

2.3   Cool Mode

Press the Cool Down button to turn on the Jacket cooling mode. Select Slow, Medium or Quick to change the cool down speed at which the heat will be dissipated.

2.4   Auto Mode

The auto button allows the user to set a custom temperature range. The temperature and humidity sensors embedded in your jacket send the app data every 4 seconds. That data is used to either turn the jacket heat or the jacket cool down as well as setting the intensity level based on your customized temperature range. The system allows a range between 50F and 75F.
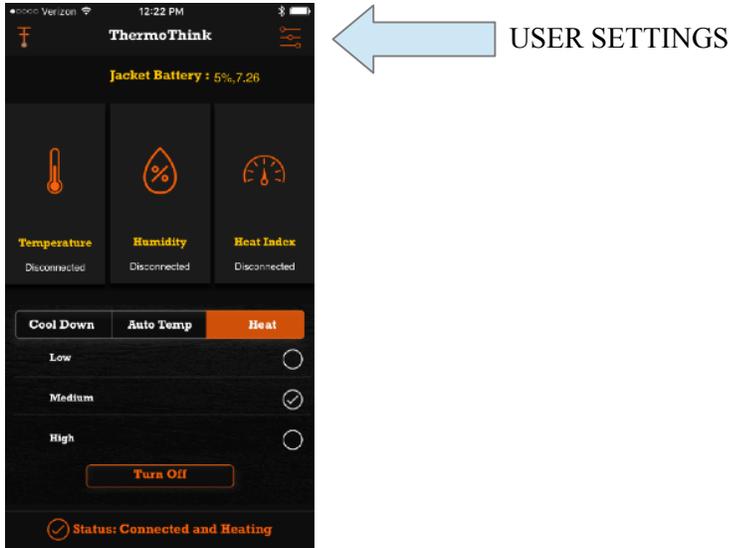

2.5   Turn Off

Pressing the "Turn Off' button puts your device into the idle mode. This can be used to preserve battery life if you do not need to use the heat or cool down options.

2.6   Disconnect ThermoThink Device

The device can be disconnected on the main screen or in the user settings. The status at the bottom of the command screen shows the current mode of the ThermoThink device. Clicking on the status allows you to then disconnect the device.

3.0   Custom User Settings

USER SETTINGS

3.1 Change Device Name

Pressing this button allows you to enter a new device name. We recommend that you change your device to a unique custom name your choice.
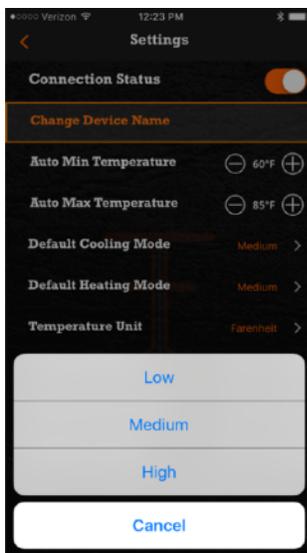
3.2 Set Auto Mode Min and Max Temp

Auto mode is the truly revolutionary smart feature of the ThermoThink jacket. It allows you to set an internal jacket temperature range between 50F and 75F. The app will then read the sensors that are built into your jacket to automatically adjust your jacket to maintain your comfort.

3.3 Set Default Modes

These are the heating and cool down default modes that are activated when you press the Heat or Cool Down button on the command screen. This allows you to customize your preference and climate region.

3.4 Change Temperature Unit

This feature allows you to change all temperature unit displays to Celsius or Fahrenheit.

3.5 Custom Heat Intensity

There is no other jacket on the market that allows over 99 different heat settings. This feature allows you to truly customize the jacket to your exact comfort levels on a scale of 1-75% for high, medium, and low heat option.

NOTE: Adjusting these settings will impact the battery duration and more importantly if you are modifying the heat intensity please be extremely careful as the thermal units can get scalding hot.

4.0   User Warnings and System Limitations

4.1   Undergarment Requirements

An undergarment is required to be worn at all times with this jacket. The thermal units can get scalding hot and this is needed as protection.

4.2   Weather Conditions

The jacket is to only be worn outside in cool to cold weather conditions. The Jacket is designed and tested to optimally perform between 20F and 75F.

4.3   Heat Intensity Settings

The heat intensity of the thermal units can get scalding hot. If you modify the default high heat intensity please be EXTREMELY careful making sure to only do this when the outside environment is extremely cold to ensure you do not burn yourself with the thermal units. If the setting gets too hot immediately turn off the switch on the control unit and remove the jacket.

4.4   Battery Controller

The battery controller is not designed to withstand high impact.

4.4   Water submersion

Never submerge the jacket or battery controller in water as this can permanently damage the product.

ALERT —- This product is not suitable for anyone with cardiovascular disease, diabetes, hypertension, anemia, hyperthyroidism, low blood sugar syndrome, sensitive skin, pregnant, infants, or young children.

Contains FCC ID: UYI25

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

(2) This device must accept any interference received, including interference that may cause undesired operation.

The user is cautioned that changes or modifications to any hardware on the device will void the user's liability for this product.

The device 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.

Contains IC: 6992A-25

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.