

## TROUBLESHOOTING

### RESET YOUR MODLET

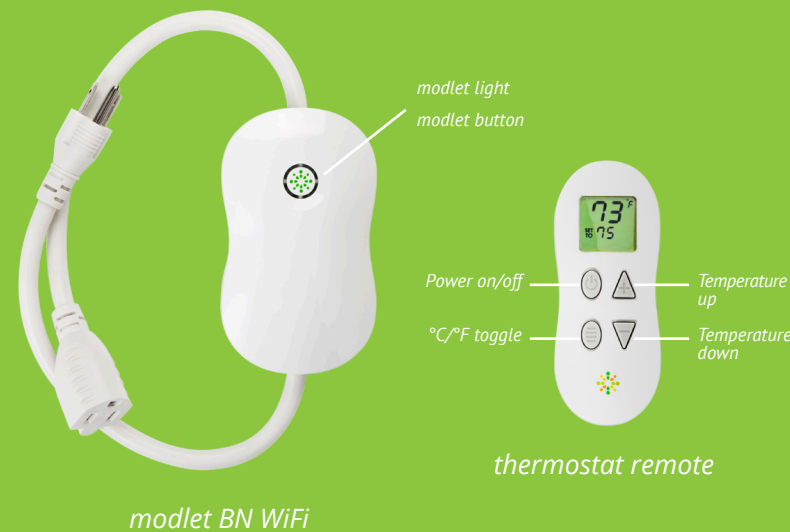
Hold the modlet button down (at least 5 seconds) until the light starts spinning slowly.

### RESET YOUR THERMOSTAT REMOTE

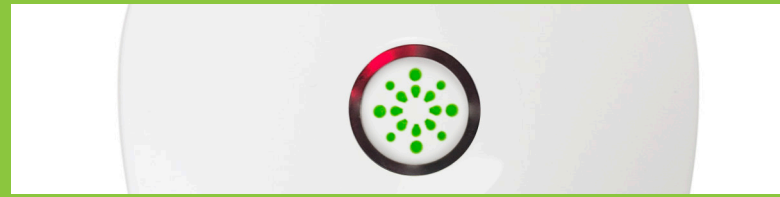
Hold the power button down (at least 10 seconds) until a blinking X appears in the lower left corner of the display.

### DURING SET UP

If you are having trouble setting up your modlet, then the WiFi password entered is likely incorrect. Confirm that you have the correct WiFi password, then follow the steps above to reset your modlet and try again.



## LIGHTS GUIDE



### SLOW SPIN

The modlet light spins slowly (one rotation every two seconds) when the modlet is ready to be set up.

### FAST SPIN

The modlet light spins quickly (two rotations every one second) when the modlet is connecting to the WiFi network.

### OFF

The modlet is operating normally.

### SOLID ON

The overload protection circuit has tripped. Press the modlet button to restore power. The connected appliance draws too much power and should not be used with the modlet.

## NEED HELP? GET SUPPORT

[support.thinkecoinc.com](http://support.thinkecoinc.com)

[youtube.com/thinkecoinc](http://youtube.com/thinkecoinc)

## SPECIFICATIONS

ThinkEco modletBN WiFi

Thank you for purchasing your new smartAC WiFi Kit! For more information and to learn about your product(s) please read all user guide/manuals provided to you (in both paper and electronic form) and all operating and safety instructions. If you fail to do so the products listed below may not function properly and may lead to damage to the products and to other danger.

Specifications  
The kit you purchased may include one or more of the following products:

modletBN:  
• TE5020: Electrical rating 125V/15A/60Hz  
• TE5021: Electrical rating 125V/20A/60Hz  
• TE5022: Electrical rating 240V 15A 60Hz  
• TE5023: Electrical rating 240V/20A/60Hz  
• All versions: 13 inch cord either end (26 in total for cords)  
• All versions: WiFi (IEEE 802.11b/g/n) and either Bluetooth or ZigBee wireless communication

smartAC thermostat TE1320:  
• Bluetooth or ZigBee wireless communication  
• Power source: 2 AAA Batteries - 2x 1.5V DC

Important Safety Information:  
UL 916 listed. Use indoors in a dry location. Do not use this product in connection with critical care equipment (i.e. life-support systems). Contains non-user serviceable parts; do not open. This is a live AC outlet, even when the modlet is in an "off scheduled mode". This product is not a toy. Do not allow children to operate it. The modlet TE5020 is not intended for use with loads rated above 15 Amps. The modlet TE5021 and modlet TE5023 are not intended for use with loads rated above 20 Amps. Do not "daisy-chain" the modlet. Only plug the modlet into a grounded outlet or a grounded extension cord with the same rating as your modlet. In an over current condition or if the modlet is plugged into an old and/or damaged socket the modlet and socket temperature may increase substantially. In such a case, unplug the modlet and appliances immediately and discontinue use. You should contact a qualified electrician to inspect and/or replace the outlet. Connecting a modlet or a modlet BN to an improperly grounded outlet will void all warranties.

Regulatory Information:  
Installation and use of this device must be in strict accordance with the instructions included in the user documentation provided with the product or at [www.thinkeco.com](http://www.thinkeco.com). Any changes or modifications made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. ThinkEco will assume no liability for any damage or violation of government regulations arising from failing to comply with these guidelines.

RF Exposure Warning  
This equipment complies with FCC radiation exposure limits set for an uncontrolled environment. The modlet BN (TE5020, TE5021, TE5023) should be installed and operated with a minimum distance of 7.9 inches (20cm) between the radiator and your body. The SmartAC thermostat (TE1320) should be installed and operated with a minimum distance of 0.2 inches (0.5cm) between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Note: USA-FCC (Federal Communications Commission) statement.

This device complies with Part 15 of FCC Rules. 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 this device.

Note: Industry Canada  
Per RSS-Gen, Section 7.1.3  
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.

IC Radiation Exposure Statement:  
This equipment complies with IC RSS-102 radiation exposure limit set forth for an uncontrolled environment. The modlet BN (TE5020, TE5021, TE5023) should be installed and operated with a minimum distance of 7.9 inches (20cm) between the radiator and your body. The SmartAC thermostat (TE1320) should be installed and operated with a minimum distance of 0.2 inches (0.5cm) between the radiator and your body.

Cet équipement est conforme aux CNR-102 d'Industrie Canada. Cet équipement doit être installé et utilisé avec une Le modlet BN (TE5020, TE5021, TE5023) doit être installé et utilisé avec une distance minimale de 7,9 pouces (20 cm) entre le radiateur et votre corps. Le thermostat SmartAC (TE1320) doit être installé et utilisé avec une distance minimale de 0,5 cm entre le radiateur et votre corps. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec autre antenne ou émetteur. Les antennes utilisées pour ces émetteurs doivent être installés et fournir une distance de séparation d'au moins 20 centimètre pour le modlet BN TE5020/TE5021/TE5023, et 0,5 centimètre pour le SmartAC thermostat (TE1320), de toute personne et doit pas être co-située ni fonctionner en conjonction avec une autre antenne ou émetteur.

Section 7.1.3 de RSS-GEN  
Le fonctionnement est soumis aux deux conditions suivantes: 1. Ce dispositif ne doit pas causer d'interférences, et 2. Ce dispositif doit accepter toutes les interférences, y compris celles pouvant causer un fonctionnement non souhaité.

Note: FCC Interference Statement:  
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. If not installed and used in accordance with the instructions, it 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 and correct the interference by one or more of the following measures:  
1. Reorient or relocate the receiving antenna.  
2. Increase the distance between the equipment and the receiver.  
3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.  
4. Consult the dealer or an experienced radio/TV technician for help.

## WARRANTY

LIMITED ONE (1) YEAR WARRANTY

Warranty: ThinkEco warrants that the modlet, modlet BN, modlet USB receiver, modlet Gateway and smartAC thermostat (collectively "TE Products") will be free from defects in material and workmanship and perform to ThinkEco's applicable published specifications for a period of one (1) year from date of delivery to you. The liability of ThinkEco hereunder shall be limited to replacing or repairing, at its option, any defective TE Products which are returned F.O.B. ThinkEco's corporate address (or, at ThinkEco's option, refunding the purchase price of such TE Products). In no case are TE Products to be returned without first obtaining permission and a return order number from ThinkEco. You are responsible for the cost of shipment of the defective TE Products to ThinkEco, and ThinkEco is responsible for the cost of shipment of a replacement TE Products to you. In the event you send TE Products back to ThinkEco, and the TE Product is not defective, ThinkEco reserves the right to charge you a fee associated with postage and handling of such TE Product.

Replacement TE Products: Replacement TE Products are warranted by ThinkEco pursuant to the warranty set forth above for the longer of (i) thirty (30) days; or (ii) the remaining warranty period for the original Modlet. The replacement TE Product may be refurbished and/or contain refurbished parts.

The following are not covered by this warranty: (i) TE Products which have been subject to abuse, misuse, accident, alteration, neglect, unauthorized repair, inspection or installation, Acts of God, power surge, wear and tear, mishandling, misapplication, or other causes unrelated to defective materials or workmanship; and (ii) any damages and/or viruses caused by use of a third party device in conjunction with the TE Products. You are responsible for determining if a third party device used in conjunction with any TE Product is suitable for such use and ThinkEco is not liable, and this warranty does not cover, any damages caused by, or to, any third party device. ThinkEco will make the final determination as to the existence and cause of any alleged defect. No warranty is made with respect to any custom equipment or goods produced to your specifications except as specifically stated in writing by ThinkEco in the contract for such custom goods.

Disclaimer & Limitation of Liability: EXCEPT AS EXPRESSLY PROVIDED ABOVE, THINKECO MAKES NO, AND HEREBY DISCLAIMS ALL OTHER, WARRANTIES, EXPRESS, STATUTORY, OR IMPLIED, INCLUDING ANY WARRANTY OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THINKECO MAKES NO REPRESENTATION, WARRANTY OR GUARANTY AS TO THE RELIABILITY, TIMELINESS, QUALITY, SUITABILITY, TRUTH, AVAILABILITY, ACCURACY OR COMPLETENESS OF THE TE PRODUCTS AND DOES NOT REPRESENT OR WARRANT THAT (A) THE USE OF THE TE PRODUCTS WILL BE SECURE, TIMELY, UNINTERRUPTED OR ERROR-FREE OR OPERATE IN COMBINATION WITH ANY OTHER HARDWARE, SOFTWARE, SYSTEM OR DATA, (B) THE TE PRODUCTS WILL MEET CUSTOMER'S REQUIREMENTS OR EXPECTATIONS, (C) ANY STORED DATA WILL BE ACCURATE OR RELIABLE, (D), THE TE PRODUCTS ARE FREE OF VIRUSES OR OTHER HARMFUL COMPONENTS. IN NO EVENT WILL THINKECO BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY LOST PROFITS, USE OF USER INFORMATION, LOSS OF DATA, BUSINESS INTERRUPTION, OR OTHER INDIRECT, CONSEQUENTIAL, SPECIAL, OR INCIDENTAL DAMAGES OF ANY NATURE ARISING FROM OR RELATING TO YOUR USE OF THE TE PRODUCTS, EVEN IF THINKECO HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL THINKECO'S TOTAL CUMULATIVE LIABILITY TO YOU, FOR ANY AND ALL CLAIMS UNDER ANY THEORY OF LAW, EXCEED THE ORIGINAL PURCHASE PRICE OF THE TE PRODUCTS IN QUESTION.

To contact ThinkEco regarding this Limited Warranty, please call ThinkEco at 1-800-684-0284. For additional information please visit <http://www.thinkecoinc.com/warranty>

### RETURN POLICY

If you purchased your modlet from a third-party retail store, you must return the modlet to that same retailer and comply with such retailer's return policy. Please contact the store for additional details on completing your return. All refunds will be net of any rebate and/or discount that you received in connection with any promotion. The failure to abide by this policy will result in substantial delays to any refund request. Please contact ThinkEco at 1-800-684-0284 with any questions regarding this policy.

If you did not purchase your TE Products, but received the TE Products as part of a utility or third party program, then the terms of conditions of that program will apply and supersede these terms with respect to the warranty, repair and return of your TE Products.

# smartAC wifi USER GUIDE



thinkeco

# WELCOME

Welcome to your new smartAC WiFi Kit.

The modlet BN WiFi and thermostat remote allow you to track your plugged-in AC's energy use. You can conveniently turn it on/off or change the temperature from your smartphone or any browser.

You can set up via your smartphone with the ThinkEco smartAC app or with a WiFi connected computer via [www.mymodlet.com](http://www.mymodlet.com).

**NOTE:** You will need a WiFi connection in order to use your smartAC WiFi Kit. Please make sure you know your WiFi password before continuing.

## YOUR SMARTAC WIFI KIT INCLUDES:



modlet BN WiFi

thermostat remote

## SETTING UP YOUR KIT

### SET UP VIA SMARTPHONE

- 1 Download the ThinkEco smartAC app from the iTunes App Store or Google Play.
- 2 Create an account to set up.  
*If you are part of a utility program, you must use the same email address you registered with.*
- 3 Unplug your air conditioner and plug your modlet BN WiFi into the wall outlet.  
*The modlet light should spin slowly (once every two seconds).*
- 4 Leave the smartAC app and go to your Settings app. Connect to the modlet's WiFi network in your WiFi settings.  
*It will be listed as modletBN\_WiFi\_XXXXXX, where the last 6 characters will be a combination of numbers and letters.*
- 5 Return to the ThinkEco smartAC app.
- 6 Choose your home WiFi network from the list of networks.  
*If your home network is not on the list, then pull down the list to refresh it.*
- 7 Enter your home WiFi network password and wait for your modlet to join your WiFi network.  
*Important! Make sure you use the correct password or you will have to start over from Step 4.*

- 8 When your modlet has connected successfully, the light will turn off. Name your modlet to help you distinguish it from other connected ACs.
- 9 To pair your thermostat remote, insert the batteries. You should see a blinking X in the bottom left-hand corner of the screen.
- 10 Congratulations! You are all set up. Plug in your AC and turn it to the coldest setting. You will now be able to change the temperature and turn it on/off with your smartphone and thermostat remote.

### SET UP VIA WEBSITE

- 1 Open any browser and go to [mymodlet.com](http://mymodlet.com). Click "sign me up!" to create an account. If you were not prompted to set up a modlet, go to the Modlet Network tab and select "Add Modlet".  
*If you are part of a utility program, you must use the same email address you registered with.*
- 2 Unplug your air conditioner and plug your modlet BN WiFi into the wall outlet.  
*The modlet light should spin slowly (once every two seconds).*
- 3 Follow the on screen instructions to open your computer's WiFi settings and connect to the modlet's WiFi network.  
*It will be listed as modletBN\_WiFi\_XXXXXX, where the last 6 characters will be a combination of numbers and letters.*

- 4 Your browser will automatically redirect to your WiFi modlet's set up page. If it does not, check to make sure your computer is still connected to the modlet's WiFi network. Reconnect to the network if necessary.
- 5 Select "Scan Available Networks" and choose your home WiFi network.
- 6 Enter the password for your WiFi network and select "Join Network".  
*Important! Make sure you use the correct password or you will have to start over from Step 3.*
- 7 When your modlet has connected successfully, the light will turn off. Open your computer's WiFi settings and confirm you have rejoined your home network.
- 8 In your browser, a page titled "Almost Done" will display. Click "Search". Name your modlet to help you distinguish it from other connected ACs.
- 10 To pair your thermostat remote, insert the batteries. You should see a blinking X in the bottom left-hand corner of the screen.
- 11 Congratulations! You are all set up. Plug in your AC and turn it to the coldest setting. You will now be able to turn it on/off with your mobile phone and thermostat remote.

[WWW.THINKECOINC.COM](http://WWW.THINKECOINC.COM)