AC INFINITY

SUNCORE

SEEDLING HEATING MAT

USER MANUAL

WELCOME

Thank you for choosing AC Infinity. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us. Visit www.acinfinity.com and click contact for our contact information.

EMAIL
support@acinfinity.com

WEB
www.acinfinity.com

LOCATION
Los Angeles, CA

MANUAL CODE SC2205X1

PRODUCT	MODEL	UPC-A
SUNCORE A1	AC-SMA1	819137021167
SUNCORE S3	AC-SMS3	819137023468
SUNCORE A5	AC-SMA5	819137021181
SUNCORE A7	AC-SMA7	819137021198
SUNCORE A3X2	AC-SMA3X2	819137022133
SUNCORE T1	AC-SMT1	819137021204
SUNCORE T3	AC-SMT3	819137021211
SUNCORE T5	AC-SMT5	819137021228
SUNCORE T7	AC-SMT7	819137021235

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PRODUCT WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Ensure your power source conforms to the electrical requirements of this product.
2. Check your local code restrictions for additional safety measures that may be needed for a proper code compliant installation.
3. Read all instructions before installing and using this product.
4. If you are unfamiliar or have doubts about performing this product's installation, seek the services of a qualified, trained, and licensed professional. Inappropriate installation will void this product's warranty.
5. If the polarized plug doesn't fit, flip it and try again. If it still doesn't fit, contact us or an electrician for assistance. DO NOT trim, cut, or otherwise modify the polarized plug.
6. This product must not be used in potentially hazardous locations such as flammable, explosive, chemical-laden or wet atmospheres.
7. Do not cover power cords with rugs or other fabric materials.
8. Do not place heated objects under this seedling mat or submerge in water.
9. Do not depend on the on/off programming as the sole means of shutting power from this product. Unplug the power cord before installing, servicing, or moving this product.
10. Do not use this mat outdoors, while its cord is damaged, if it malfunctions, if it has been dropped, or if it is damaged in any manner.
11. Keep children 12 years and under from playing with or otherwise using this heating mat.

INTERFERENCE from MH and HPS LIGHTS

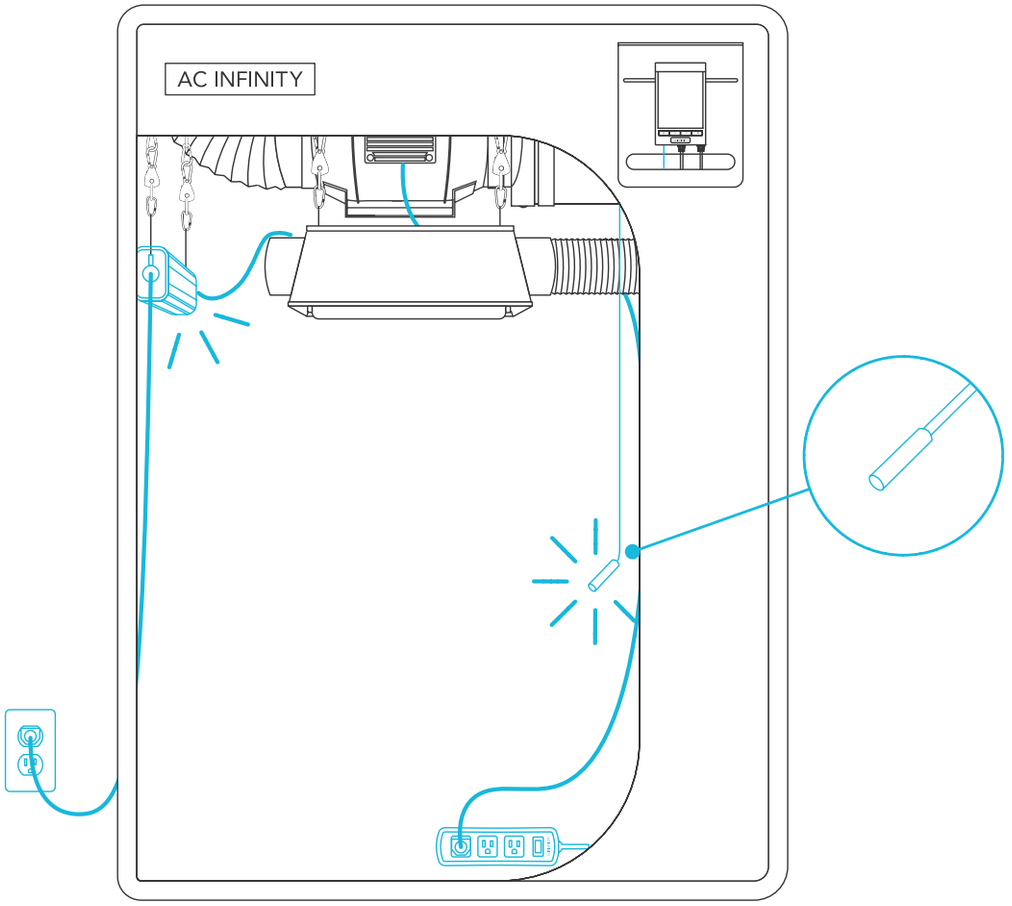
Certain grow light models with HID* ballasts that do not use electromagnetic shielding will create an area of radio frequency interference (RFI). This can distort nearby frequency-sensitive components like internet lines and climate sensors. RFI can be emitted from the ballast's cords or the ballast itself.

Follow these steps to ensure proper functionality and to prevent radio frequency interference from affecting your sensor probe:

TIP 1

Keep the probe cord far away from your ballast's cords to ensure the controller properly detects climate conditions.

You may also wrap the probe cord and create a cone around the sensor head with aluminum foil tape.



TIP 2

Do NOT plug your grow light and inline fan into the same duplex outlet. Plug your grow light and inline fan into separate power strips and electrical sockets.

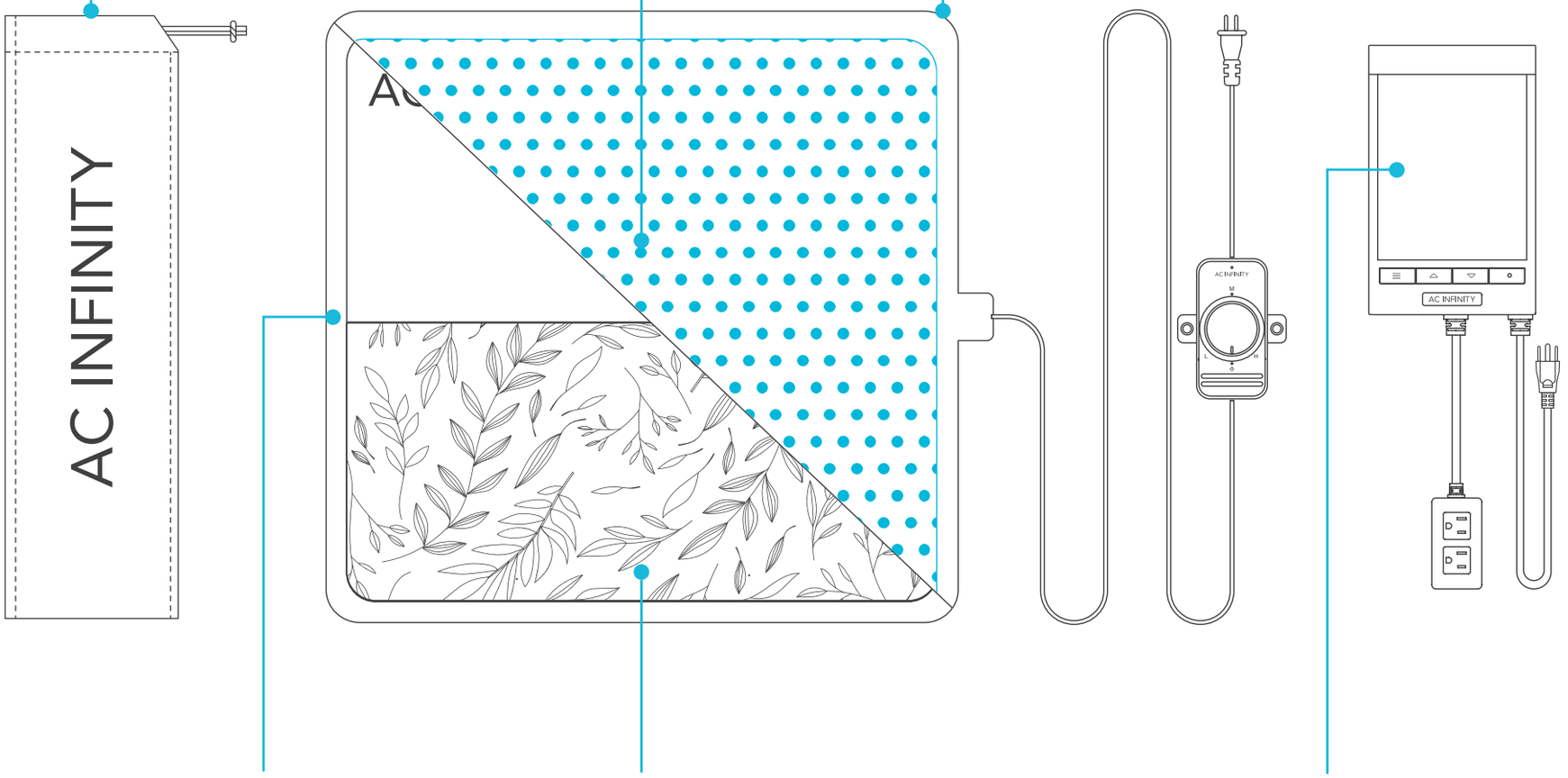
*MH, HPS, CMH, or CHPS

KEY FEATURES

STORAGE BAG
A water resistant bag made with nylon fabric and drawstring opening to easily store your seedling mat.

HEAT DISTRIBUTION
Improve germination and rooting, emitting a steady stream of heat and insulating your seed tray.

WATER-RESISTANT MAT
IP-67 rated heating pad using multiple layers of PVC matting providing high durability and preventing liquid damage.



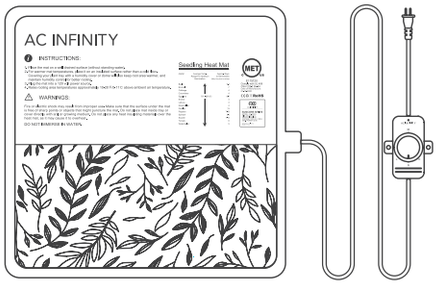
EXTREME TEMP.
Durable build with materials designed to last under extreme temperature and climate conditions.

HEATING FILM
Lined with far infrared technology to evenly provide uniform heating distribution throughout your seedling trays.

SMART CONTROLLER
T-series models includes a controller that triggers the mat to turn on based on temp., humidity, timer, or schedule.

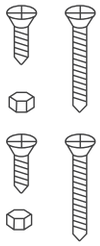
PRODUCT CONTENTS

SUNCORE SEEDLING MAT (Included in both Series)



SEEDLING
MAT
(x1)

STORAGE
MAT COVER
(x1)

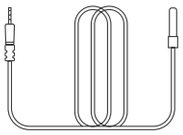


CONTROLLER
SCREW SET
(x2)

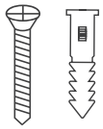
** ONLY AC-SMA3X2 model includes two units of seedling mat, storage mat covers, and dual controller screw sets.

SUNCORE SEEDLING MAT (Included in T-Series ONLY)

WALL HANG
CONTROLLER
(x1)



SENSOR
PROBE
(x1)



WALL-HANG
WOOD SCREWS
(x2)

WIRE
TIE
(x1)

CABLE TIE
MOUNT
(x1)

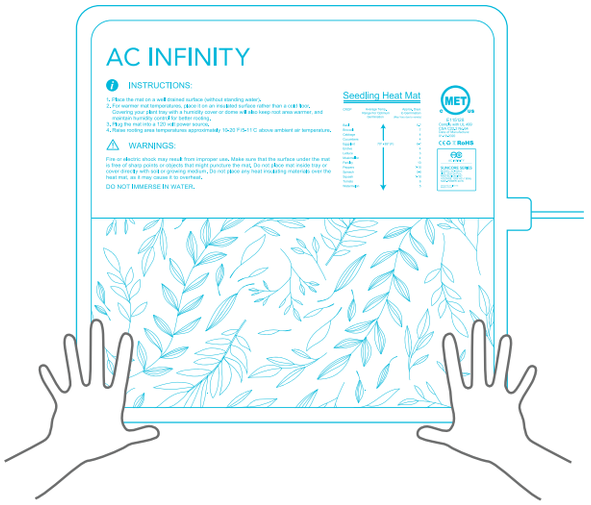
INSTALLATION

ALL MODELS

STEP 1

Unroll the seedling mat flat on to the ground.

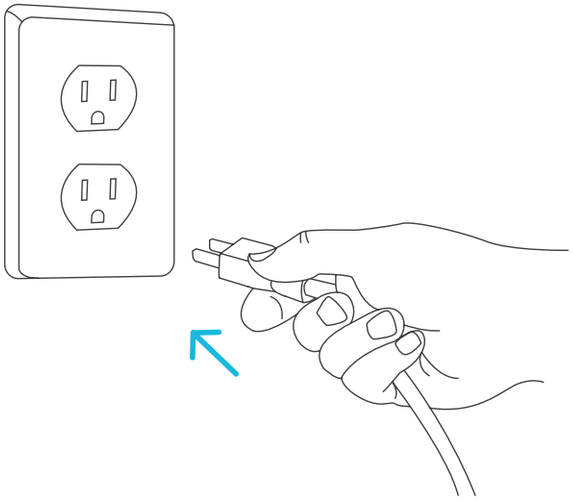
***Do not allow the mat to overlap on to itself.**



STEP 2

Connect the AC power plug to a power outlet to turn on the seedling mat.

For T-series models, please continue to pages 11 to 13 to setting up the controller with the mat.

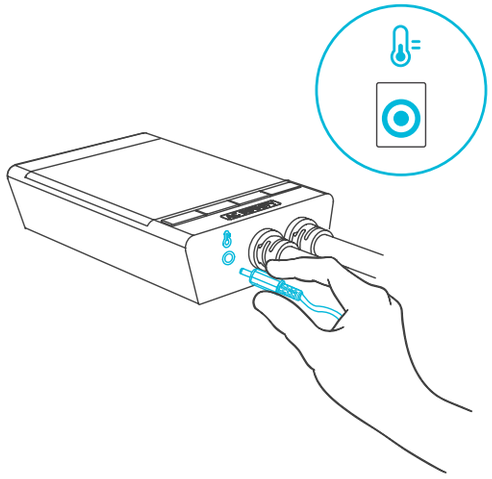


INSTALLATION

T-SERIES MODELS

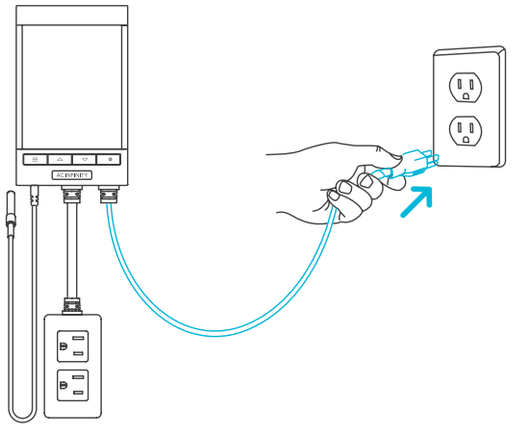
STEP 1

Locate the connector plug of the sensor probe and plug it into the sensor port at the bottom side of the controller.



STEP 2

Insert the power plug into a wall outlet to power your controller.

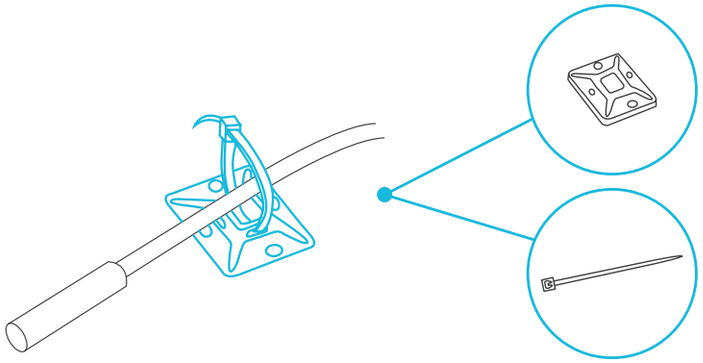


INSTALLATION

T-SERIES MODELS

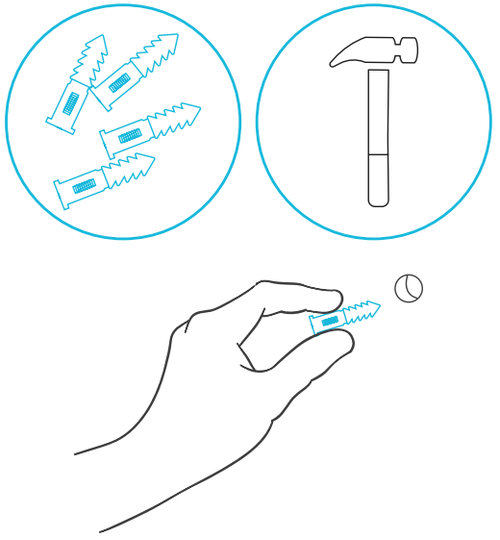
STEP 3

Position the corded sensor probe and secure it by using the included zip ties and tie mounts.



STEP 4

To mount the controller, locate a spot free of obstruction. Secure the controller using the included mounting screw set.

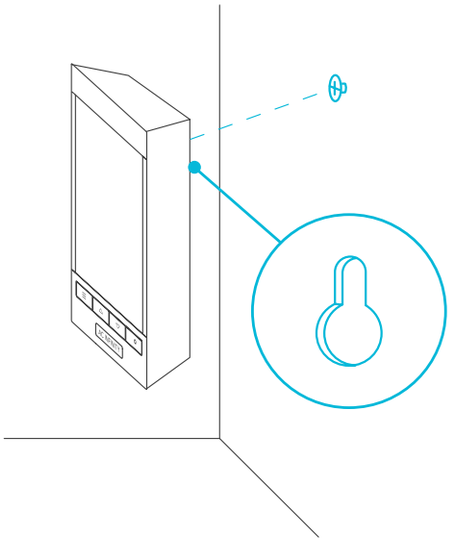


INSTALLATION

T-SERIES MODELS

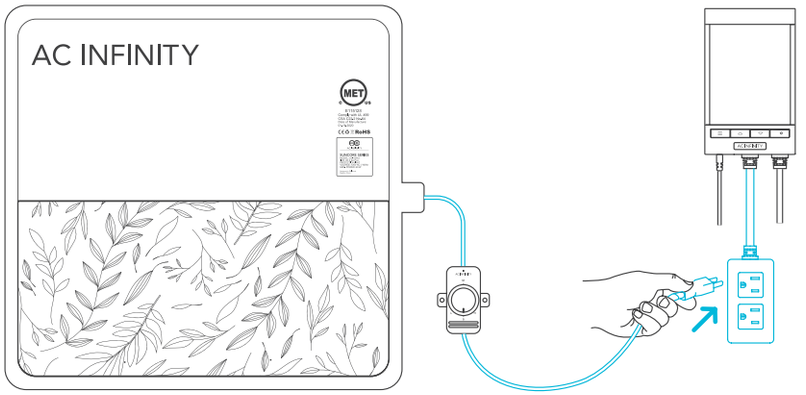
STEP 5

On the back end of the controller is an opening to hang the device.



STEP 6

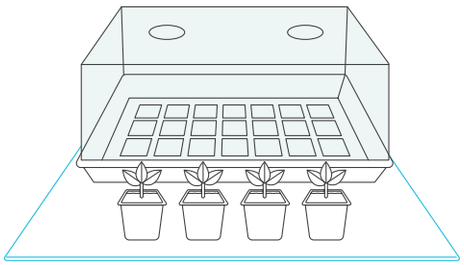
To power the seedling mat with the controller, plug it into of the two ac outlets located on the controller.



STARTER GUIDE

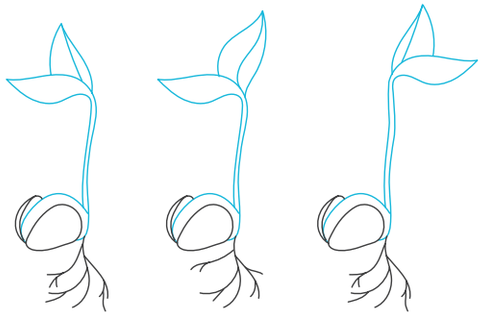
GROWING SEASONS

Use this seedling mat to get a head start on the gardening season. Start the germination process during late winter or spring, especially if you are in a colder region.



GERMINATION

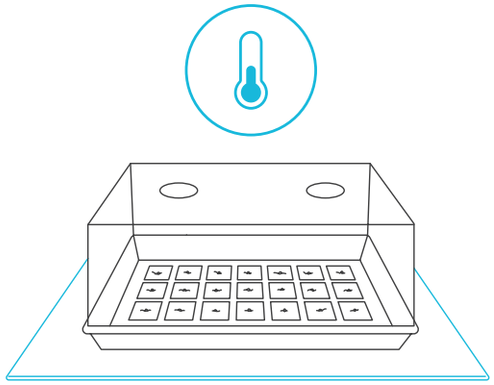
Different seeds require different temperatures to germinate. Before you begin, refer to your seed package and the table on the seedling mat for recommended temperature settings.



TEMPERATURE

If your seed packet does not specify a temperature, keep the temperature between 65°F and 75°F (18-24°C).

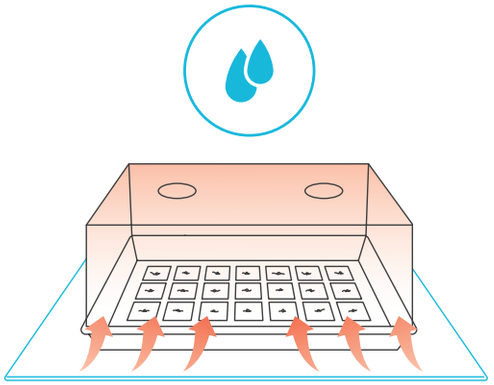
Note: Make sure to also keep track of the ambient room temperature; along with your local weather, this can also affect your germination process.



STARTER GUIDE

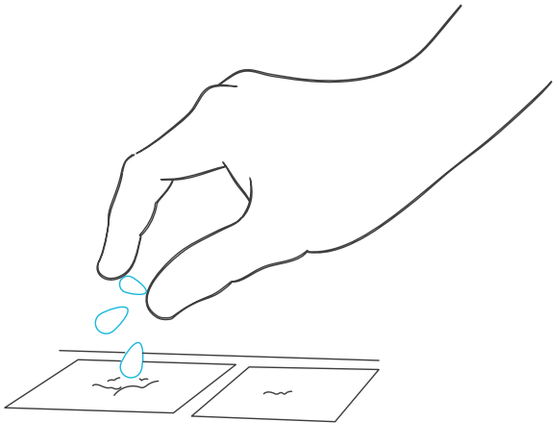
HUMIDITY

Humidity domes and plastic covered pots can be used alongside the seedling mat to introduce moisture, which help accelerate plant growth.



SOWING SEEDS

Sow 2-3 seeds per cell; not every seed will germinate. Cover the seeds completely with your grow media. Set the optional humidity dome over the tray. Place the seed tray on the seedling mat and turn it on to begin heating.

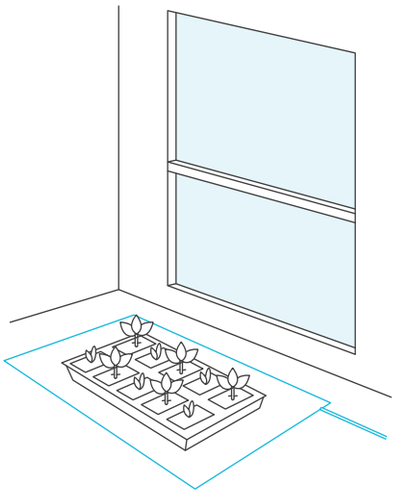


STARTER GUIDE

LIGHTING

If you have a lot of light coming into your home, you may place the container by a bright, south-facing window. Rotate the tray daily.

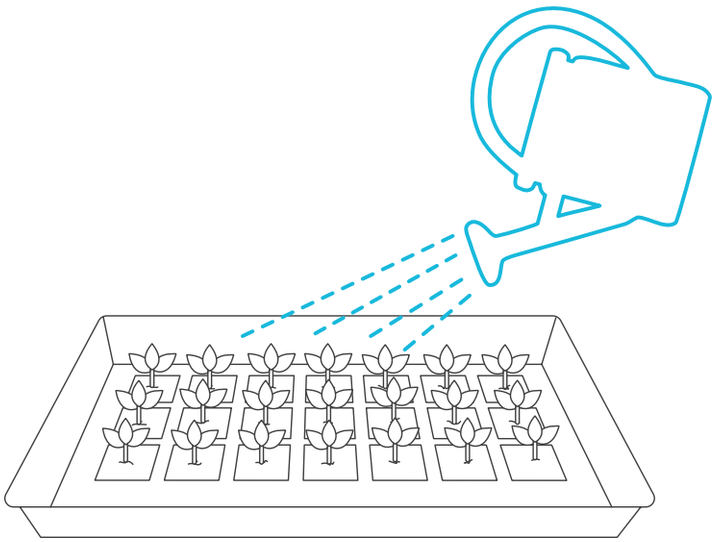
Be careful when using the seedling mat along with grow lights; this may dry out your soil and overheat your seedlings' roots.



WATERING

Before you use your seedling mat, water your seed tray's starter mix/pellets, which should appear dark brown. Dry off any excess water. Add small amounts of water whenever the mix/pellets appear light brown.

Once the seeds begin to germinate, prop up your greenhouse dome about 1-1.5 inches. When half of the tray has germinated seedlings, remove the tray from the seedling mat and greenhouse dome.



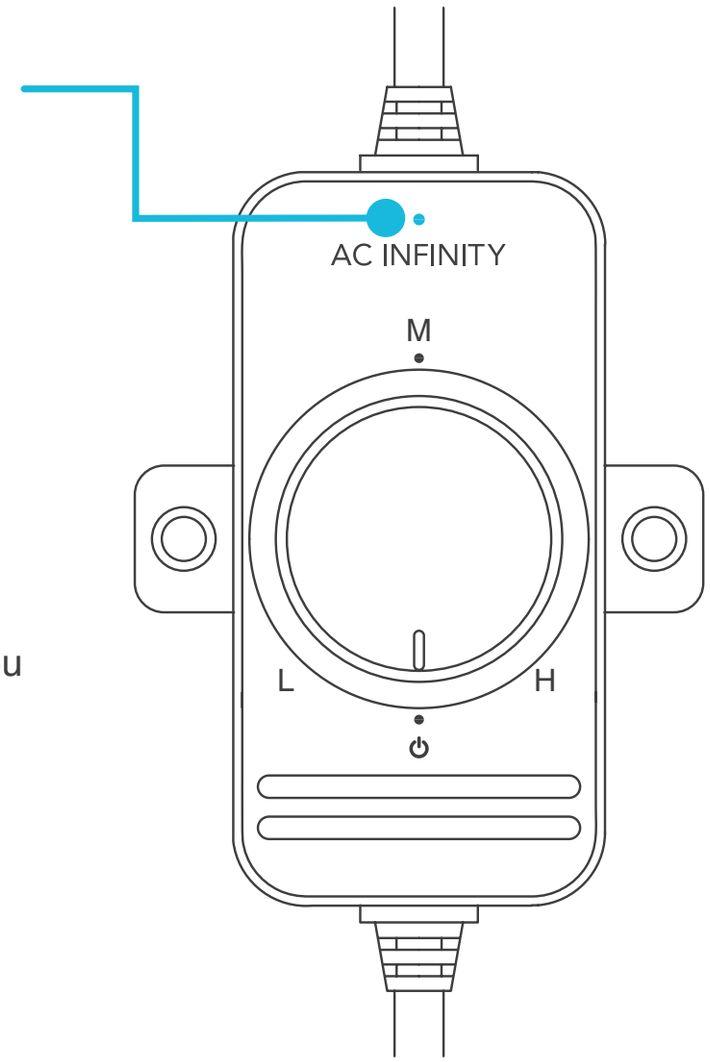
PROGRAMMING
HEATING CONTROLLER

LIGHT INDICATOR
When the controller is turned on and receiving power, the LED at the top of the controller will light up to show it is on.

ON
Turn the knob clockwise until you hear and feel a click to turn on the seedling mat.

OFF
Turn the knob counterclockwise from ON until you hear and feel a click to turn off the seedling mat.

SPEED CONTROL
Turning the knob will gradually adjust the heat between low, medium, and high.



PROGRAMMING
INTELLIGENT CONTROLLER

1. MODE BUTTON
This button cycles through each of the controller's mode: OFF, ON, AUTO (4 triggers), TIMER TO ON, TIMER TO OFF, CYCLE (On and Off), and SCHEDULE (On and Off).

---

2. UP / DOWN BUTTON
Adjusts the parameters of the mode that you are in. In most modes, the up button increases and down button decreases the setting. Holding both buttons simultaneously sets the parameters to off.

---

3. SETTING BUTTON
This button cycles through each of the controller's settings: DISPLAY BRIGHTNESS, F/C, CLOCK, CALIBRATION (Temperature and Humidity), and BUFFER (Temperature and Humidity).

---

4. OUTLET STATUS
Displays the outlet controller's power status, indicating whether or not electricity is being fed to your device. ON will display if your device is being powered and OFF will display if your device is not being powered.

PROGRAMMING

5. PROBE TEMPERATURE
Current temperature that the probe is detecting. Displays “--“ if no probe is plugged in. Includes a trend indicator that signals a rise, steady, or fall in temperature within the last hour.

---

6. PROBE HUMIDITY
Current humidity that the probe is detecting. Displays “--“ if no probe is plugged in. Includes a trend indicator that signals a rise, steady, or fall in humidity within the last hour.

---

7. CONTROLLER MODE
Displays the mode that the controller is currently in. Pressing the mode button cycles through the available modes.

---

8. STATUS ICONS
Flashes or displays the alert icons from the controller. Icons include TIMER ALERT, DISPLAY LOCK, and BLUETOOTH status.

---

9. CURRENT TIME
Displays the current time. The internal battery sustains the clock so it does not default to 00:00 if power is cut off. Please see page 28 for instructions on how to set up the clock time.

---

10. COUNTDOWN
Displays TO ON or TO OFF countdown to show the amount of time before the timer to on, timer to off, cycle, or schedule modes activates or deactivates the fan. TO ON represents the amount of time that is left before your device turns on. TO OFF represents the amount of time that is left before your device turns off.

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11. USER SETTING
Displays the value you have set for the current mode that you are in. Press the up or down button to adjust the value.

PROGRAMMING

CONTROLLER MODES

Pressing the mode button will cycle through the controller's available programming modes: OFF, ON, AUTO (4 triggers), TIMER TO ON, TIMER TO OFF, CYCLE (On and Off), and SCHEDULE (On and Off).

OFF MODE

Your device will be off regardless of temperature humidity, and time-based triggers.

Note that you can hold the mode button while in any other mode or settings to quickly jump back to OFF Mode.

ON MODE

Your device will be on regardless of temperature humidity, and time-based triggers.

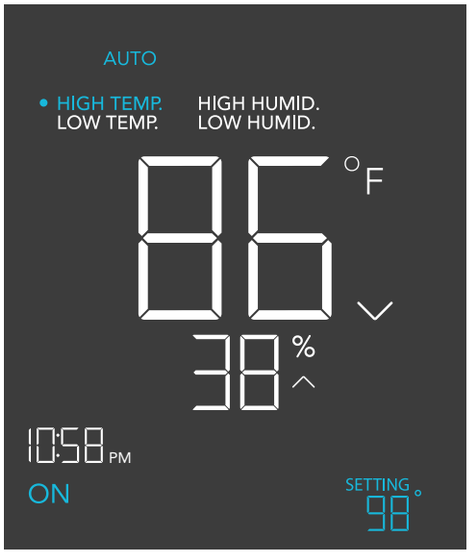
PROGRAMMING

AUTO MODE (HIGH TEMPERATURE TRIGGER)

Pressing the up or down button sets the high temperature trigger. Your device will be turned on if the probe's reading meets or exceeds this threshold.

If the probe's reading falls below this trigger point, your device will be turned off. This turn-off point can be adjusted using the buffer setting as shown on page 29.

You may also set this trigger below the low temperature trigger to create a specific range, in which your device will only be on when it's within this range.



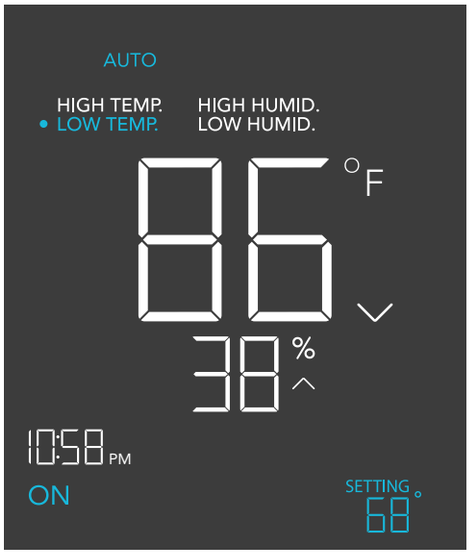
Note that this trigger can activate as long as you are in AUTO Mode, even if you are viewing a different trigger within AUTO Mode.

AUTO MODE (LOW TEMPERATURE TRIGGER)

Pressing the up or down button sets the low temperature trigger. Your device will be turned on if the probe's reading meets or falls below this threshold.

If the probe's reading rises above this trigger point, your device will be turned off. This turn-off point can be adjusted using the buffer setting as shown on page 29.

You may also set this trigger above the high temperature trigger to create a specific range, in which your device will only be on when it's within this range.



Note that this trigger can activate as long as you are in AUTO Mode, even if you are viewing a different trigger within AUTO Mode.

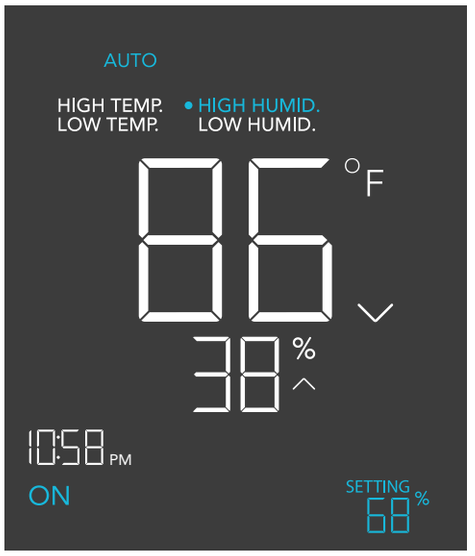
PROGRAMMING

AUTO MODE (HIGH HUMIDITY TRIGGER)

Pressing the up or down button sets the high humidity trigger. Your device will be turned on if the probe's reading meets or exceeds this threshold.

If the probe's reading falls below this trigger point, your device will be turned off. This turn-off point can be adjusted using the buffer setting as shown on page 29.

You may also set this trigger below the low humidity trigger to create a specific range, in which your device will only be on when it's within this range.



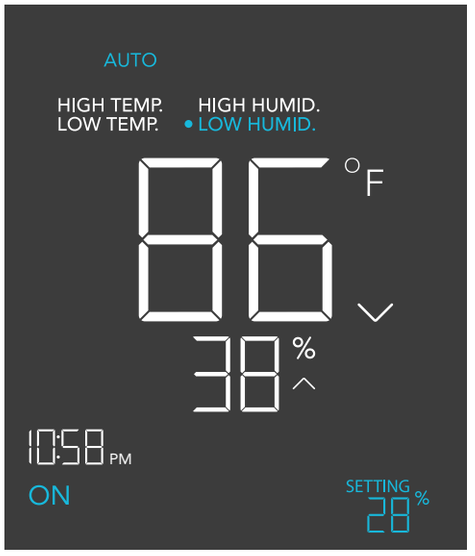
Note that this trigger can activate as long as you are in AUTO Mode, even if you are viewing a different trigger within AUTO Mode.

AUTO MODE (LOW HUMIDITY TRIGGER)

Pressing the up or down button sets the low humidity trigger. Your device will be turned on if the probe's reading meets or falls below this threshold.

If the probe's reading rises above this trigger point, your device will be turned off. This turn-off point can be adjusted using the buffer setting as shown on page 29.

You may also set this trigger above the high humidity trigger to create a specific range, in which your device will only be on when it's within this range.



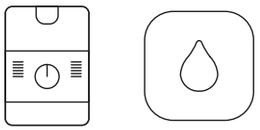
Note that this trigger can activate as long as you are in AUTO Mode, even if you are viewing a different trigger within AUTO Mode.

PROGRAMMING

ADDITIONAL NOTES — AUTO MODE SETTING

Please note that high humidity triggers will activate your device to turn on if the relative humidity levels meet or exceed your set figure. Low humidity triggers will activate your device to turn on if the relative humidity levels meet or fall below your set figure.

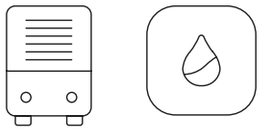
All four trigger programming in AUTO mode can run and activate concurrently. Reset any unused trigger programming to avoid unintended or unnecessary device activation.



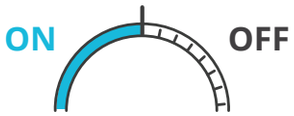
LOW HUMIDITY TRIGGER POINT

HUMIDIFIERS: LOW HUMIDITY TRIGGER

Low humidity triggers will activate your humidifier if relative humidity levels meet or fall below your set figure.

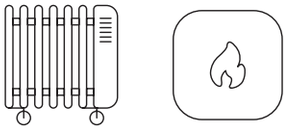


LOW TEMPERATURE TRIGGER POINT

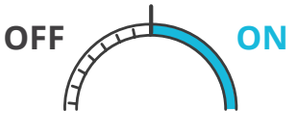


HEATERS AND HEAT MATS: LOW TEMPERATURE TRIGGER

Low temperature triggers will activate your heater if temperature levels meet or fall below your set figure.

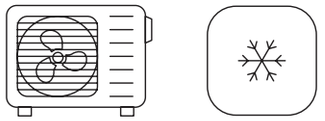


HIGH HUMIDITY TRIGGER POINT

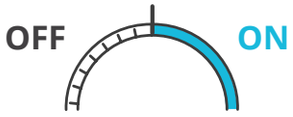


DEHUMIDIFIERS: HIGH HUMIDITY TRIGGER

High humidity triggers will activate your dehumidifier if relative humidity levels meet or exceed your set figure.



HIGH TEMPERATURE TRIGGER POINT



A/Cs AND COOLING FANS: HIGH TEMPERATURE TRIGGER

High temperature triggers will activate your fan or air conditioner if temperature levels meet or exceed your set figure.

Make sure to set the appropriate programming for your chosen device(s). Check for any active advance programming on the AC Infinity app, and make sure that your buffer figure is appropriately set. This can alter when your devices are triggered to turn on.

PROGRAMMING

TIMER TO ON MODE

In this mode, press the up or down button to set a countdown time. During the countdown, your device will be set to off. Once the countdown ends, your device will trigger to turn on.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown is shown on the display, in the section above the setting. Leaving the timer mode while the countdown is running will pause it until you return to this mode.

TIMER TO OFF MODE

In this mode, press the up or down button to set a countdown time. During the countdown, your device will be set to on. Once the countdown ends, your device will trigger to turn off.

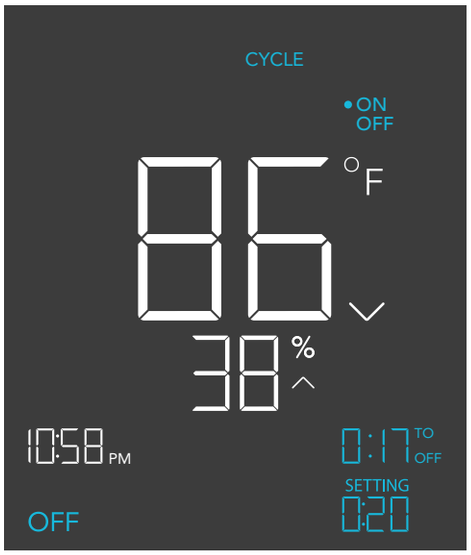
The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown is shown on the display, in the section above the setting. Leaving the timer mode while the countdown is running will pause it until you return to this mode.

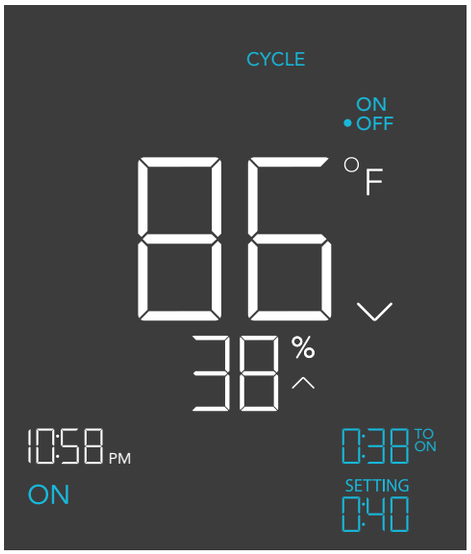
PROGRAMMING

CYCLE MODE (ON AND OFF)

In this mode, set an on duration and an off duration for your device to cycle through continuously. Press the up or down button to first set a duration for your device to be on and then press the mode button again, to set a duration for device to be off.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown before the next on or off phase is shown on the display, in the section above the setting. Leaving the cycle mode while the countdown is running will pause it until you return to this mode.



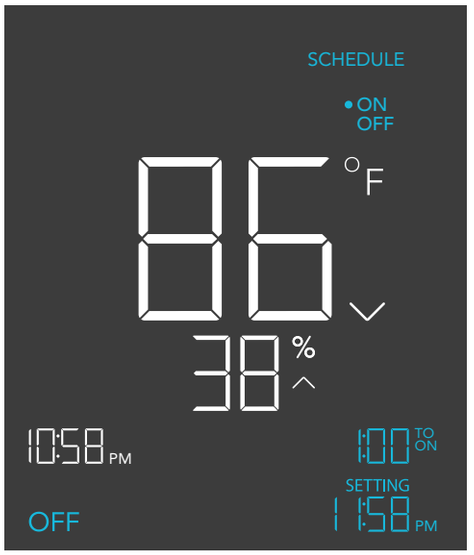


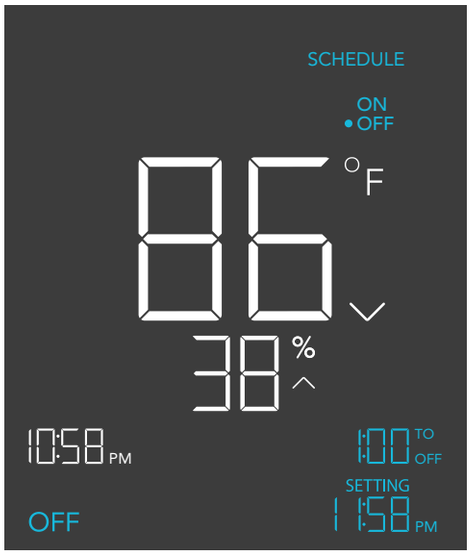
PROGRAMMING

SCHEDULE MODE (ON AND OFF)

In this mode, set an on clock-time and an off clock-time schedule for your device to follow through daily. Press the up or down button to first set up an on clock-time for when your device will be on and then press the mode button again, to set an off clock-time for when your device will be off. Please be sure to set the current clock time under settings.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown before the next on or off phase is shown on the display, in the section above the setting. Your device will not follow this schedule if you leave this mode. If you reenter the schedule mode, it will continue to follow the latest schedule you have set.





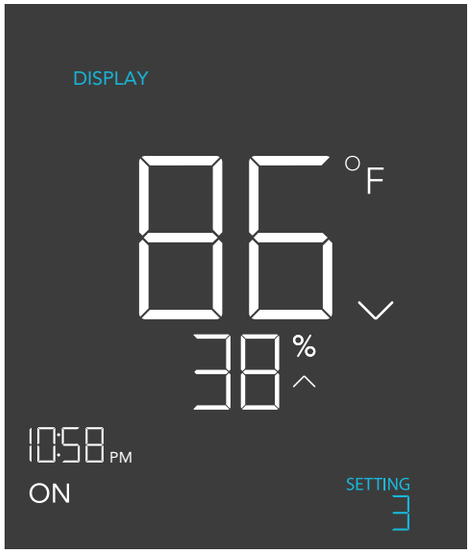
PROGRAMMING

CONTROLLER SETTINGS

Pressing the setting button will cycle through the controller's available settings: DISPLAY, F/C, CLOCK, CALIBRATION TEMPERATURE, CALIBRATION HUMIDITY, BUFFER TEMPERATURE, and BUFFER HUMIDITY.

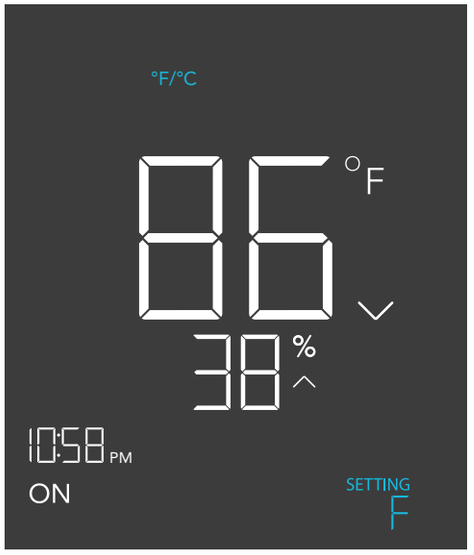
DISPLAY SETTING

In this setting, adjust the brightness of the display and auto-dimming. Press the up or down button to cycle through 1, 2, 3, A2 and A3. The highest brightness is 3 while the lowest brightness is 1. The settings 1, 2, and 3 are not auto-dimming, and the display will continuously be shown at that brightness level. In A2, the display will be shown at brightness 2 but fall to brightness 1 whenever the controller is not being adjusted after 15 seconds. In A3, the display will be shown at brightness 3 but fall to brightness 1 whenever the controller is not being adjusted after 15 seconds.



F/C SETTING

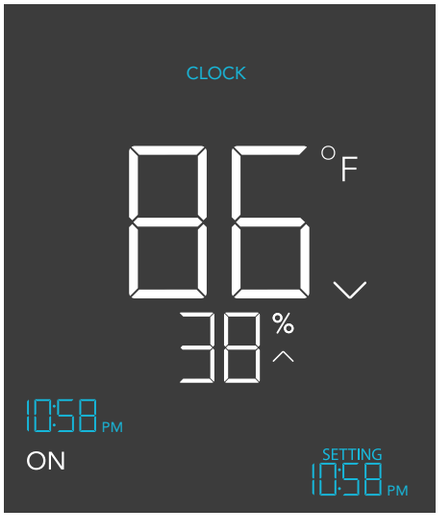
In this setting, change the displayed units to Fahrenheit or Celsius. Press the up or down button to cycle through F and C. All displayed units on the controller will change automatically with your setting.



PROGRAMMING

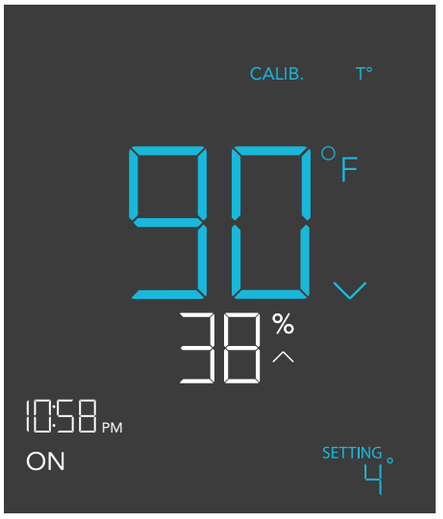
CLOCK SETTING

In this setting, adjust the current clock time. Press the up or down button to increase or decrease the time. Once you cycle through 12:00 each time, the units will automatically change to AM or PM. The current clock time will be shown at the lower left corner of the display.



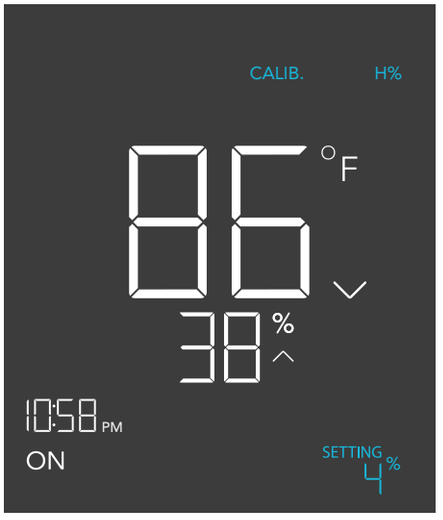
CALIBRATION TEMPERATURE SETTING

In this setting, adjust the temperature reading that the sensor probe is measuring. Press the up or down button to increase or decrease the data figure by 2°F (or 1°C) increments. The calibration cycle ranges from -20°F to 20°F (or -10°C to 10°C) and will be applied to the sensor probe's measurements.



CALIBRATION HUMIDITY SETTING

In this setting, adjust the real humidity reading that the sensor probe is measuring. Press the up or down button to increase or decrease the data figure by 1% increments. The calibration cycle ranges from -10% to 10% and will be applied to the sensor probe's measurements.



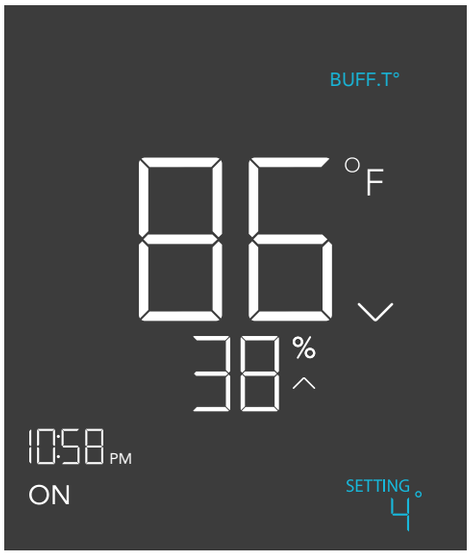
PROGRAMMING

BUFFER TEMPERATURE SETTING

The buffer that used in auto mode temperature trigger can be adjusted to prevent the device from turning on and off too quickly due to variations in the environment.

For high temperature triggers, once your device is on, it will only turn off when the measured temperature falls below the set temperature by the buffer number you have set here.

For low temperature triggers, once your device is on, it will only turn off when the measured temperature rises above the set temperature by the buffer number you have set here.

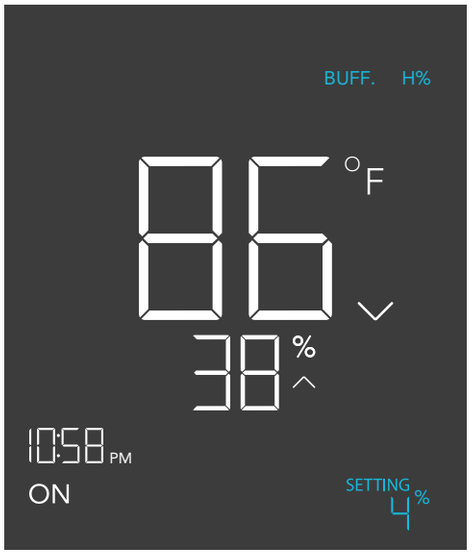


BUFFER HUMIDITY SETTING

The buffer that used in auto mode humidity trigger can be adjusted to prevent the device from turning on and off too quickly due to variations in the environment.

For high humidity triggers, once your device is on, it will only turn off when the measured humidity falls below the set humidity by the buffer number you have set here.

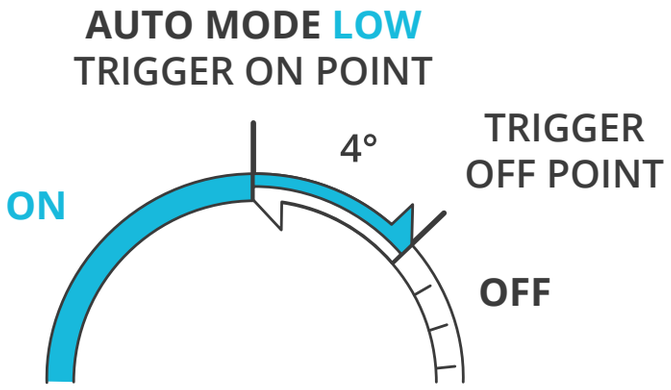
For low humidity triggers, once your device is on, it will only turn off when the measured humidity rises above the set humidity by the buffer number you have set here.



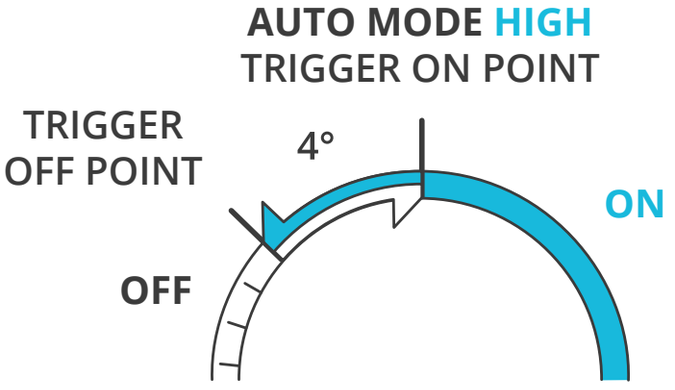
PROGRAMMING

ADDITIONAL NOTES — BUFFER SETTING

The buffer setting is separate from the AUTO mode, which ONLY sets the point for your device to turn ON. Note if a buffer is set, your device will stay on as the temperature or humidity crosses past the trigger point, shutting off when the buffer point is crossed.



The buffer setting creates a point above your trigger where your device will turn OFF once crossed.



The buffer setting creates a point below your trigger where your device will turn OFF once crossed.

PROGRAMMING

ALERT / STATUS ICONS

On the top left of the display is the alert icon section. Icons may flash when the controller wishes to alert you that a particular function or alarm is being triggered.

TIMER ALERT

This icon will flash when a countdown has completed for TIMER TO ON, TIMER TO OFF, CYCLE, or SCHEDULE Mode.

DISPLAY LOCK ALERT

This icon will display when you lock the controller. The icon will flash and beep if you attempt to adjust the controller while it is still locked.

BLUETOOTH STATUS

This icon will display when your device is connected to the AC Infinity App.

OTHER SETTINGS

CONTROLLER LOCK

Holding the setting button will lock the controller in your current mode. While your controller is locked, no parameters may be adjusted, nor will you be able to switch modes. Holding the power button again will unlock the controller.

HOLD + 

HIDE SCREEN

Lock the controller so no settings can be adjusted. See above. Then press the setting button to turn the display off. Pressing it again will turn the display back on. Programs will still run in the background while the LCD screen is off.

PRESS + 

JUMP TO OFF MODE

Holding the mode button for 3 seconds while in any mode or setting will automatically jump to OFF Mode. This function is disabled if the controller is locked.

HOLD + 

RESET TO OFF/DEFAULT

Holding the up and down buttons together for 2 seconds will reset the value of your current mode or controller setting to OFF/Default. Pressing either the up or down button will return to the previous value.

HOLD + 

AUTO INCREASING OR DECREASING

Holding the up or down button will increase or decrease the user setting automatically until you release them.

HOLD + 

HOLD + 

FACTORY RESET

Holding the mode, up, and down buttons together for 5 seconds will reset your controller and restore factory settings. This clears all user parameters in each controller mode and setting.

HOLD + 

DOWNLOAD THE APP

THE AC INFINITY APP

The AC Infinity app enables you to connect with the next generation of our intelligent controllers, giving you access to advance programs and environmental data.

1

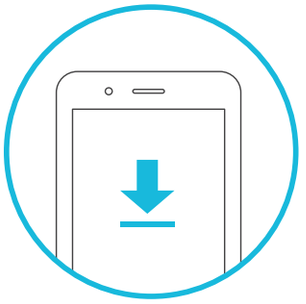
Download the AC Infinity app from the App Store or Play Store by searching “AC Infinity”.

Download on the App Store

GET IT ON Google Play

2

Open the AC Infinity app and follow the instructions on page 34-35 to pair your controller with the app.



QUICK TIP FOR EASY ACCESS

Open the smart phone camera and scan the QR code below to download the AC Infinity app. Please visit our website at www.acinfinity.com for more information on the AC Infinity app.

Please note: The AC Infinity App’s appearance and features are subject to change, and please refer to our website/QR for the latest instructions.

ADD A DEVICE

SETUP AND PAIRING

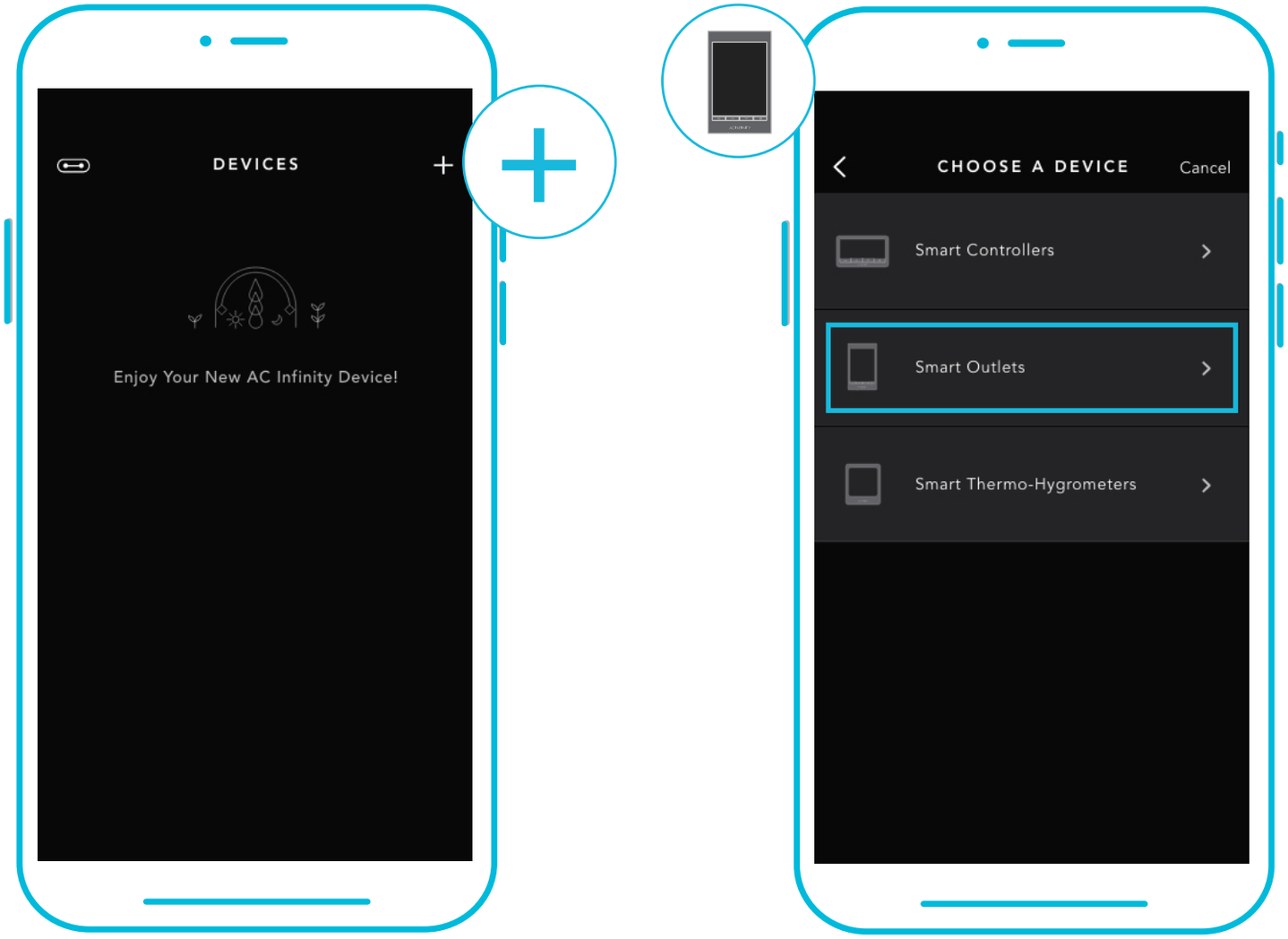
Power your device on before pairing your device with the app. Refer to pages 11-13 for more information regarding controller setup.

1

Tap on the “+” tab to add your smart device.

2

To launch the app, tap on the "Smart Outlets" tab to begin pairing.

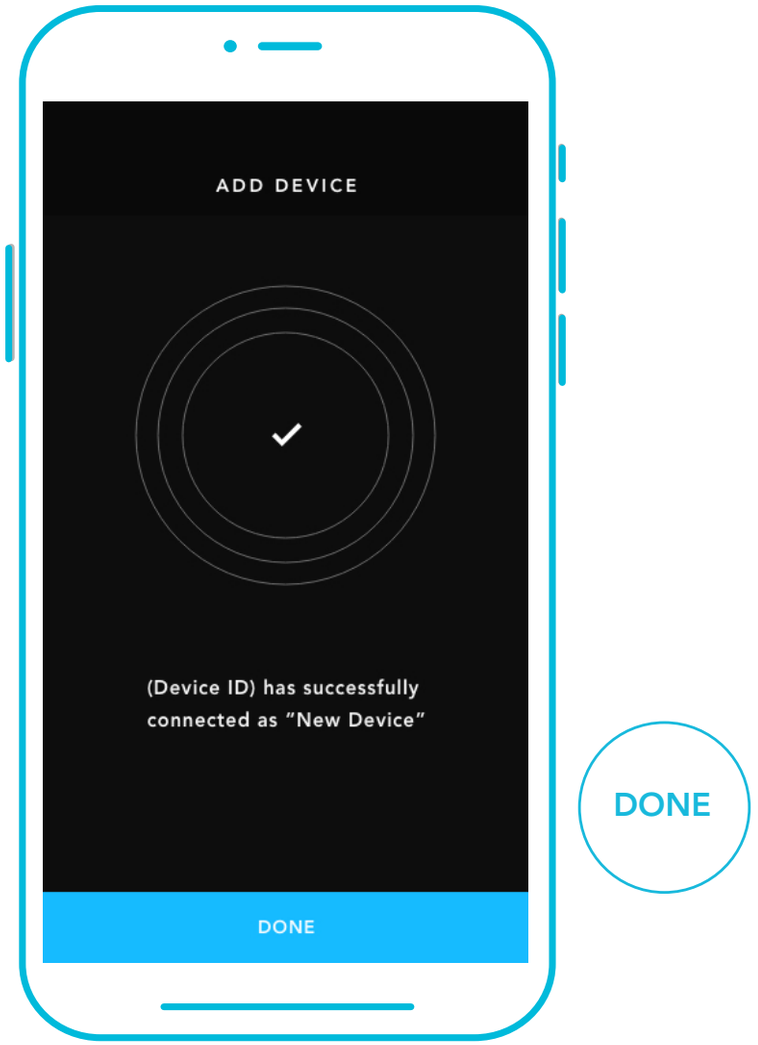


Please note: Bluetooth must be enabled on your mobile device before starting the pairing process.

ADD A DEVICE

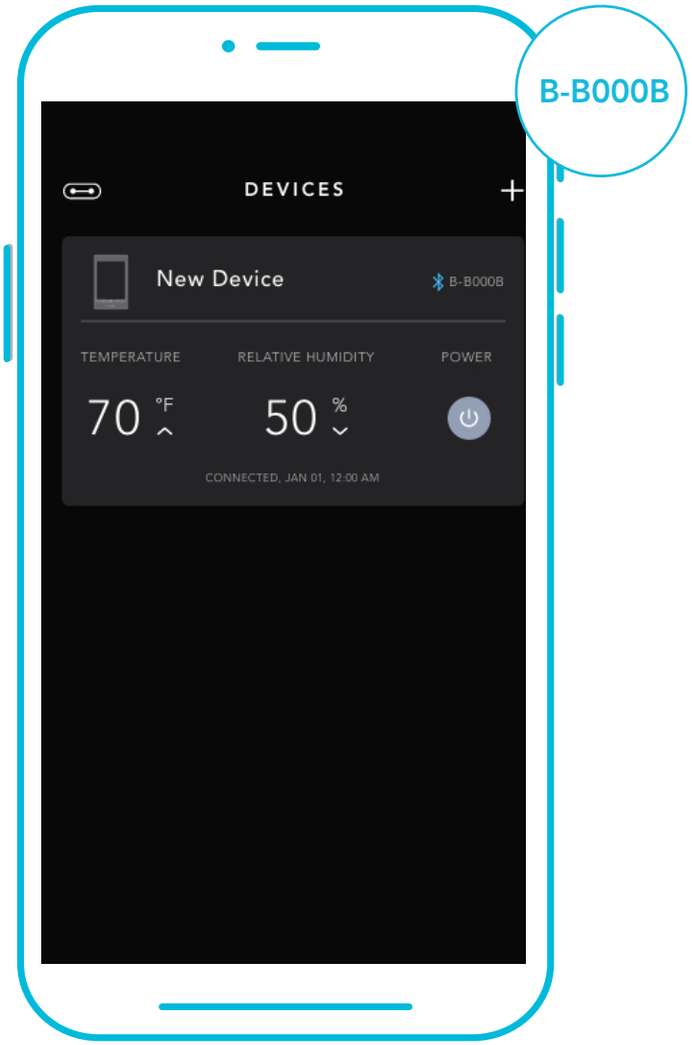
3

Tap DONE button to complete the pairing process.



4

Your controller will appear in your smart device with a unique ID.



Please note: When pairing the app around multiple controllers, move your mobile device closer to your desired controller.

CONTROLLER 76 FAQ

Q: Where is the best place to position the sensor probe?
A: Place the sensor probe as close as possible to the hottest or most humid spot in your space.

Q: Do I need to remove the plastic cap from the probe?
A: Yes. You will need to remove the plastic cap so the probe can accurately read climate conditions.

Q: Is this outlet controller waterproof?
A: No, it does not have any Ingress protection against water and dust. Place this controller in a dry location to ensure proper operation.

Q: Will I be able to use this controller with my own fan?
A: Yes. This controller can be used with any fan with Type-A or Type-B AC power plugs.

Q: Does the controller retain its settings after power is shut off?
A: Yes. If the controller's power is cut off and is powered on afterwards, your settings will remain.

Q: My controller isn't pairing with the app. How do I fix this?
A: If the pairing process isn't successful, turn off your Bluetooth and re-enable it to try again. When starting the pairing process around multiple Bluetooth controllers, move your smart device closer to the controller you wish to connect the app with.

Q: How do I stop my device from turning on and off too quickly in AUTO mode?
A: The figure set in the BUFFER section will determine how easily the device can turn off again once it has been triggered on.

Access this section under SETTINGS by clicking the sprocket icon at the top right. Set a buffer number X. Once your device is triggered ON, it would require X amount to fall below your trigger point for it to trigger OFF again. The lower the buffer number is set to, the easier it will be for the device to trigger back to OFF. If set to zero, the device will trigger ON and OFF immediately whenever the trigger point is crossed. This may cause the device to turn on and off quickly if the climate fluctuates back and forth. Increase the buffer number to help reduce this from occurring. Please also check your high and low triggers point which can all activate concurrently. Turn off any trigger points that are not in use.

CONTROLLER 76 FAQ

Q: Why is my humidifier not turning on or off when I programmed it to do so under AUTO mode?
A: If this is occurring in AUTO mode for humidity triggers, please note that the HIGH HUMIDITY trigger turns the device ON when the humidity number you have set is exceeded. If you want the device to turn OFF when the humidity number you have set is exceeded, please set this using the LOW HUMIDITY trigger instead.

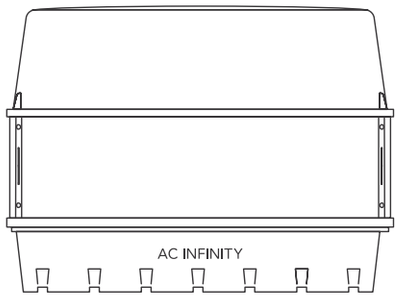
Typically, the HIGH HUMIDITY trigger is used with dehumidifiers which should turn on when the humidity gets too high. The LOW HUMIDITY trigger, which turns on the device when the humidity gets too low, is more suitable for humidifiers.

All the four high and low temperature and humidity trigger points can activate concurrently so turn off any triggers that are not in use. Also, check that the buffer number you have set is appropriate as it may delay the program from turning your device on and off. Lastly, please check if you have any active programming on the app under the ADVANCE TAB which can override any control programming.

AC INFINITY PRODUCTS

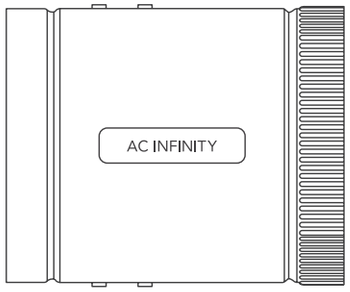
Humidity Dome

The humidity dome is designed to maintain moisture levels to create the ideal environment for seed germination. Each kit includes a base tray and seedling tray with a dome that is built with adjustable vents to control humidity levels. Height extender also included to provide a higher ceiling for propagation applications.



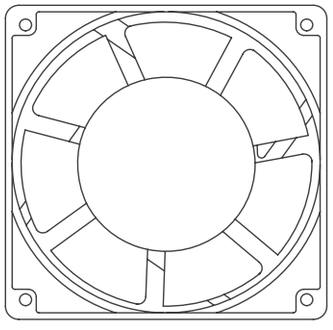
Booster Duct Fans

An inline fan for duct boosting designed to improve airflow in heating and air conditioning applications, and ventilate home rooms like attics, workshops, bathrooms, and kitchens. Each fan uses an easy-to-use knob controller that adjusts fan speed for your specific airflow boosting needs.



Axial Fans

The AXIAL series fan kit is designed for various DIY projects that requires cooling or ventilation; or as a replacement fan for many products on the market. Each fan kit includes fan guards and everything needed to mount the unit onto a wall and power it through a wall outlet. S-series models include a speed controller.



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WARRANTY

This warranty program is our commitment to you, the product sold by AC Infinity will be free from defects in manufacturing for a period of two years from the date of purchase. If a product is found to have a defect in material or workmanship, we will take the appropriate actions defined in this warranty to resolve any issues.

The warranty program applies to any order, purchase, receipt, or use of any products sold by AC Infinity or our authorized dealerships. The program covers products that have become defective, malfunctioned, or expressively if the product becomes unusable. The warranty program goes into effect on the date of purchase. The program will expire two years from the date of purchase. If your product becomes defective during that period, AC Infinity will replace your product with a new one or issue you a full refund.

The warranty program does not cover abuse or misuse. This includes physical damage, submersion of the product in water, incorrect Installation such as wrong voltage input, and misuse for any reason other than intended purposes. AC Infinity is not responsible for consequential loss or incidental damages of any nature caused by the product. We will not warrant damage from normal wear such as scratches and dings.

Contact our dealers department at **dealers@acinfinity.com** or **(626) 838-4656** for more information about our dealers and distributors program. Contact our customer service department at **support@acinfinity.com** or **626-923-6399** for product and warranty assistance. Our business hours are Monday through Friday, 9:00 am to 5:00 pm PST.

If you run into any issues with this product, contact us and we'll happily issue a replacement or a full refund!

www.acinfinity.com