THERMOFORGE SERIES

AC INFINITY

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 SFT2511X1

PRODUCT	MODEL	UPC-A
THERMOFORGE T3	AC-SFT3	819137024489
THERMOFORGE T7	AC-SFT7	819137024502
THERMOFORGE S7	AC-SFS7	819137025196

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SAFETY WARNINGS



CAUTION: RISK OF ELECTRIC SHOCK. DO NOT TAMPER. NO SERVICABLE PARTS INSIDE.

IMPORTANT SAFETY INSTRUCTIONS. READ ALL INSTRUCTIONS BEFORE INSTALLING AND USING THIS PRODUCT. KEEP IT FOR FUTURE REFERENCE.

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, injury to persons, and hyperthermia, including the following:

1. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater and keep them away from the sides and rear.
2. Extreme caution is necessary when any heater is used and whenever the heater is left operating and unattended. This heater is not intended for persons (including children) with reduced physical, sensory, or mental capabilities, or a lack of experience with and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
3. Always unplug heater when not in use. (This item may be omitted if the heater is provided with a clock-operated switch).
4. Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater or return to authorized service facility for examination and/or repair.
5. Do not use outdoors.
6. This heater is not intended for use in bathrooms, laundry areas, and similar indoor locations. Never place heater where it may fall into a bathtub or other water containers.
7. Do not run cords under carpeting. Do not cover cords with throw rugs, runners, or similar coverings. Do not route cords under furniture or appliances. Arrange cords where it will not be tripped over and away from traffic areas.
8. To disconnect heater, turn controls to OFF, then remove plug from outlet.
9. Do not insert or allow foreign objects to enter any ventilation or exhaust openings as this may cause an electric shock or fire or damage the heater.
10. To prevent a possible fire, do not block air intakes or exhausts in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
11. A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
12. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.

SAFETY WARNINGS

13. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
14. Hyperthermia can result in death. Symptoms of hyperthermia include high body temperature, headache, nausea, vomiting, tiredness, dizziness, fainting, and rapid pulse. If you begin to experience symptoms related to hyperthermia, turn off the heater and seek medical attention.
15. To avoid excessive room temperatures which can cause hyperthermia, DO NOT leave product running unattended in a confined space around infants or individuals with reduced physical, sensory, or mental capabilities.
16. Make sure that no pieces of polystyrene or other packaging material have been left between elements of this product. It may be necessary to pass over this product with a vacuum cleaner. Dispose of all packaging and product materials in an environmentally responsible manner.
17. Choking Hazard - this product may contain small parts. Keep away from children. If small parts are swallowed, seek medical attention at once.
18. Prior to cleaning, storage, or any time when this product is not in use, turn off the power and unplug the cord to allow it to cool. Clean this product regularly, only as instructed in this manual. Do not use gasoline, thinners, solvents, ammonias, or other chemicals for cleaning.
19. There may be a trace of smoke or odor when this product is first operated. This indicates that a drop of oil fell on the heating coil during the manufacturing process. It will quickly evaporate and should not reoccur.
20. IMPORTANT - This product may have a US polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to tamper with this safety feature.
21. Do not dispose of this product with household waste. Dispose of it at an appropriate collection point for recycling electrical and electronic equipment, in accordance with Directive 2012/19/EU (WEEE).
22. This product complies with the essential requirements of Directive 2014/30/EU (EMC) and Directive 2014/35/EU (Low Voltage).
23. After switching off, wait until all heating elements and moving parts (if any) have come to a complete stop before servicing or cleaning.

DO NOT attempt to repair this product yourself!

All service and/or repairs must be done by an authorized technician and/or electrician. Contact our customer service department at support@acinfinity.com or 626-923-6399 for product and warranty assistance.

Manufacturer: AC Infinity Inc., 21880 Baker Parkway, City of Industry, CA 91789 USA

EU Representative: THEMIS AR Unterstützung UG (haftungsbeschränkt), Beedstrasse 54, 40468 Düsseldorf, Germany, legal@themisar.com

EU Conformity: CE / RoHS / WEEE / LVD

SICHERHEITSHINWEISE



ACHTUNG: GEFAHR EINES ELEKTRISCHEN SCHLAGS! ÖFFNEN SIE DAS GERÄT NICHT. IM INNEREN BEFINDEN SICH KEINE TEILE, DIE VOM BENUTZER GEWARTET WERDEN DÜRFEN.

LESEN SIE ALLE ANWEISUNGEN, BEVOR SIE DIESES PRODUKT INSTALLIEREN UND VERWENDEN. BEWAHREN SIE DIESE ANWEISUNGEN FÜR ZUKÜNFTIGE REFERENZ AUF.

Bei der Verwendung elektrischer Geräte sind stets grundlegende Vorsichtsmaßnahmen zu treffen, um das Risiko von Brand, elektrischem Schlag, Verletzungen und Überhitzung zu reduzieren, einschließlich der folgenden:

1. Dieser Heizkörper wird während des Betriebs heiß. Um Verbrennungen zu vermeiden, lassen Sie unbedeckte Haut nicht mit heißen Ober- flächen in Berührung kommen. Verwenden Sie, falls vorhanden, die Griffe beim Bewegen des Heizgeräts. Halten Sie brennbare Materialien wie Möbel, Kissen, Bettzeug, Papier, Kleidung und Vorhänge mindestens 0,9 m (3 Fuß) von der Vorderseite sowie von den Seiten und der Rückseite des Geräts entfernt.
2. Seien Sie äußerst vorsichtig, wenn der Heizkörper in Betrieb ist und unbeaufsichtigt bleibt. Dieses Gerät ist nicht für Personen (einschließ- lich Kinder) mit eingeschränkten physischen, sensorischen oder geistigen Fähigkeiten oder mangelnder Erfahrung und Kenntnis vorgese- hen, es sei denn, sie werden von einer für ihre Sicherheit verantwortlichen Person beaufsichtigt oder eingewiesen.
3. Ziehen Sie stets den Netzstecker, wenn das Heizgerät nicht in Gebrauch ist. (Dieser Punkt kann entfallen, wenn das Gerät über eine Zeit- schaltuhr verfügt.)
4. Betreiben Sie das Gerät nicht, wenn das Netzkabel oder der Stecker beschädigt ist oder das Gerät nach einem Sturz oder einer anderen Beschädigung nicht ordnungsgemäß funktioniert. Entsorgen Sie das Gerät oder geben Sie es zur Überprüfung und/oder Reparatur an eine autorisierte Servicestelle.
5. Nicht im Freien verwenden.
6. Dieses Heizgerät ist nicht für den Einsatz in Badezimmern, Waschräumen oder ähnlichen Innenräumen vorgesehen. Stellen Sie es niemals an Orten auf, an denen es in eine Badewanne oder ein anderes Wassergefäß fallen könnte.
7. Führen Sie keine Kabel unter Teppichen. Decken Sie Kabel nicht mit Läufern oder ähnlichen Abdeckungen ab. Verlegen Sie keine Kabel unter Möbeln oder Geräten. Achten Sie darauf, dass Kabel nicht zur Stolperfalle werden und sich außerhalb von Laufwegen befinden.
8. Zum Trennen vom Stromnetz: Schalten Sie die Bedienelemente auf AUS und ziehen Sie dann den Netzstecker.
9. Führen Sie keine Fremdkörper in Lüftungs- oder Auslassöffnungen ein, da dies zu Stromschlag, Brand oder Beschädigung führen kann.

SICHERHEITSHINWEISE

10. Um Brandgefahr zu vermeiden, blockieren Sie weder Lufteinlass- noch Luftauslassöffnungen. Verwenden Sie das Gerät nicht auf weichen Oberflächen (z. B. einem Bett), wo Öffnungen blockiert werden könnten.
11. Das Heizgerät enthält heiße und möglicherweise funkenbildende Teile. Verwenden Sie es nicht in Bereichen, in denen Benzin, Farbe oder andere brennbare Flüssigkeiten verwendet oder gelagert werden.
12. Verwenden Sie das Heizgerät nur wie in dieser Anleitung beschrieben. Jede andere Verwendung kann zu Brand, Stromschlag oder Ver- letzungen führen.
13. Schließen Sie das Gerät immer direkt an eine Wandsteckdose an. Verwenden Sie keine Verlängerungskabel oder Mehrfachsteckdosen.
14. Hyperthermie (Überhitzung des Körpers) kann tödlich sein. Symptome sind erhöhte Körpertemperatur, Kopfschmerzen, Übelkeit, Er- brechen, Müdigkeit, Schwindel, Ohnmacht und schneller Puls. Wenn Sie solche Symptome bemerken, schalten Sie das Heizgerät aus und suchen Sie sofort medizinische Hilfe auf.
15. Um übermäßige Raumtemperaturen und Hyperthermie zu vermeiden, lassen Sie das Gerät nicht unbeaufsichtigt in einem geschlossenen Raum laufen, insbesondere nicht in der Nähe von Säuglingen oder Personen mit eingeschränkten Fähigkeiten.
16. Stellen Sie sicher, dass keine Polystyrol- oder andere Verpackungsteile im Gerät verblieben sind. Gegebenenfalls kann das Gerät mit einem Staubsauger gereinigt werden. Entsorgen Sie alle Verpackungs- und Produktmaterialien umweltgerecht.
17. Erstickungsgefahr: Dieses Produkt kann Kleinteile enthalten. Von Kindern fernhalten. Wenn Kleinteile verschluckt werden, suchen Sie sofort einen Arzt auf.
18. Schalten Sie das Gerät vor der Reinigung, Lagerung oder wenn es nicht verwendet wird aus und ziehen Sie den Stecker, damit es ab- kühlen kann. Reinigen Sie das Gerät regelmäßig gemäß den Anweisungen in dieser Anleitung. Verwenden Sie keine Benzin-, Verdünner-, Lösungsmittel-, Ammoniak- oder andere chemische Reinigungsmittel.
19. Beim ersten Gebrauch kann etwas Rauch oder Geruch auftreten. Dies ist normal und entsteht durch Ölreste auf der Heizspirale aus dem Herstellungsprozess. Der Effekt verschwindet schnell und tritt nicht erneut auf.
20. WICHTIG: Dieses Produkt ist mit einem Schuko-Stecker (Typ F) ausgestattet, der den europäischen Sicherheitsstandards entspricht. Verwenden Sie das Gerät nur mit einer ordnungsgemäß installierten, geerdeten Steckdose. Falls der Stecker nicht in die Steckdose passt, verwenden Sie keinen Adapter und verändern Sie den Stecker nicht. Wenden Sie sich in diesem Fall an einen qualifizierten Elektriker, um sicherzustellen, dass Ihre Installation den geltenden Vorschriften entspricht.
21. Entsorgen Sie dieses Produkt nicht im Hausmüll. Geben Sie es an einer geeigneten Sammelstelle für Elektro- und Elektronik-Altgeräte gemäß Richtlinie 2012/19/EU (WEEE) ab.
22. Dieses Produkt entspricht den grundlegenden Anforderungen der Richtlinie 2014/30/EU (EMV) sowie der Richtlinie 2014/35/EU (Nieder- spannung).
23. Nach dem Ausschalten warten Sie, bis alle Heizelemente und beweglichen Teile vollständig zum Stillstand gekommen sind, bevor Sie Wartungs- oder Reinigungsarbeiten durchführen.

SICHERHEITSHINWEISE



VERSUCHEN SIE NICHT, DIESES PRODUKT SELBST ZU REPARIEREN!

Alle Wartungen und/oder Reparaturen dürfen nur von einem autorisierten Techniker oder Elektriker durchgeführt werden.

Wenden Sie sich an unseren Kundendienst unter service@acinfinity.eu.

Hersteller: AC Infinity Inc., 21880 Baker Parkway, City of Industry, CA 91789, USA

EU-Vertreter: THEMIS AR Unterstützung UG (haftungsbeschränkt), Beedstraße 54, 40468 Düsseldorf, Deutschland, legal@themisar.com

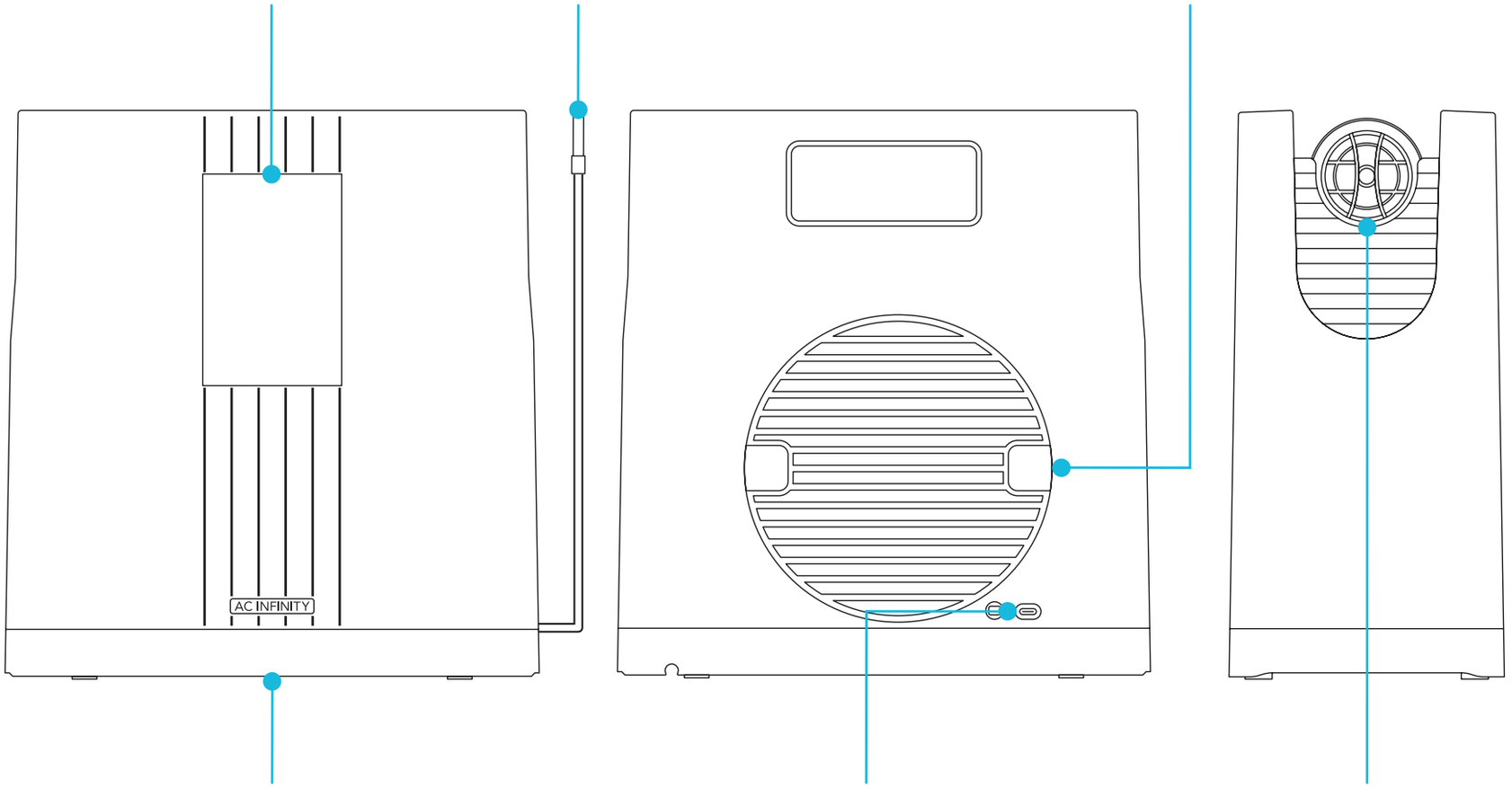
EU-Konformität: CE / RoHS / WEEE / LVD

KEY FEATURES

ACTIVE MONITORING
Features automation controls to activate your heater based on temperature and VPD triggers, timers, and cycles.

PRECISE DETECTION
Thermal alloy sensor tracks shifts in climate and captures up-to-the-second readings for total environmental control.

PWM CONTROL
Offers 10 heat and fan levels while delivering an energy-efficient performance with reduced motor noise.

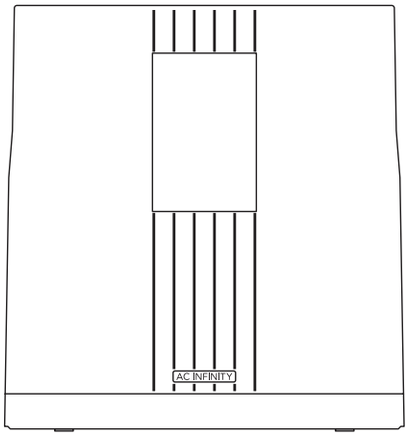


CORD MANAGEMENT
Hidden compartment allows extended cords to be placed out of sight for maximum efficiency and convenience.

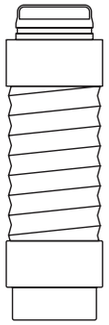
UIS™ COMPATIBLE
Connects with UIS controllers for automations and schedule programming to create the ideal grow environment.

TARGETED HEATING
Flexible duct tubing enables focused heat distribution within your growing environment.

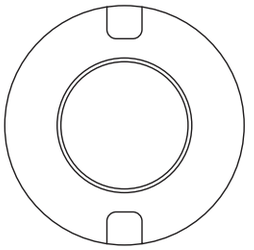
PRODUCT CONTENTS



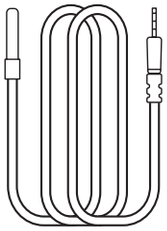
SPACE
HEATER
(x1)



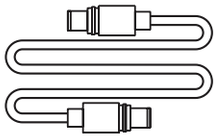
DUCT
EXTENSION
(x1)



DUCT
ADAPTER
(x1)



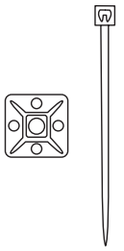
SENSOR
PROBE
(x1)



UIS EXTENSION
CORD (M-M)
(x1)



HOOK AND
LOOP TIE
(x4)



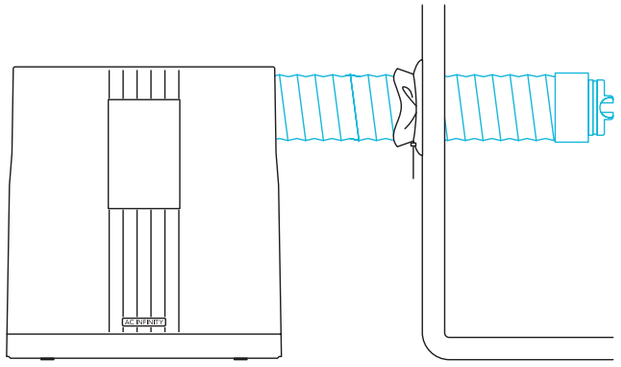
PROBE
MOUNT
(x4)

INSTALLATION

STANDARD INSTALLATION

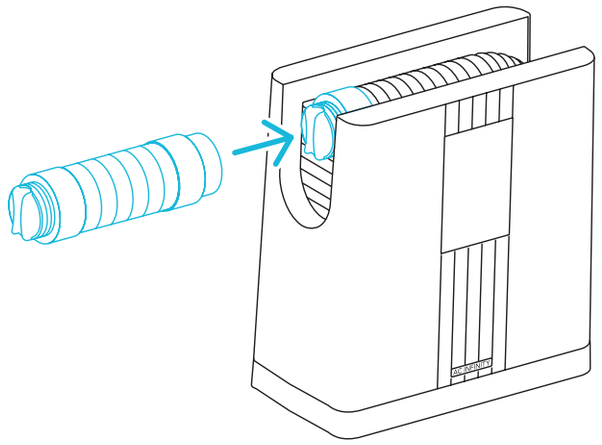
Place your heater outside of your grow tent.

Route the duct tube through the lowest duct port available and into your grow tent.



DUCT EXTENSION

You may insert the end of your heater's duct tube into the duct extension to extend its reach.



INSTALLATION

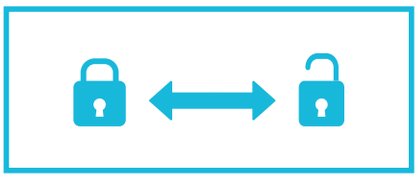
INTAKE DUCTING

You may swap the intake vent cap for the intake duct adapter to bring in air from an outside source.

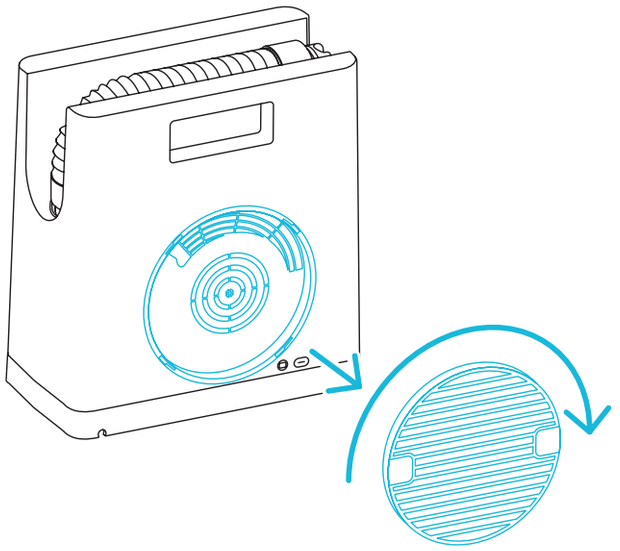
A. Twist the vent cap to the right to release it from the unit.

B. Attach the duct adapter by twisting it to the left to lock it into place.

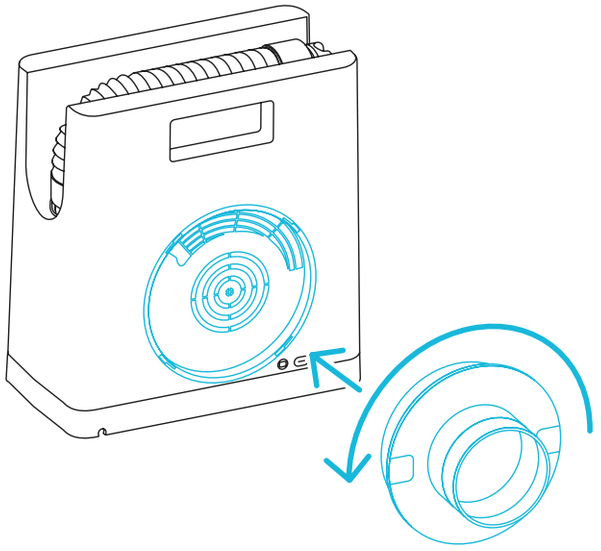
Attach your 4 inch ducting (not included) as needed.



A



B

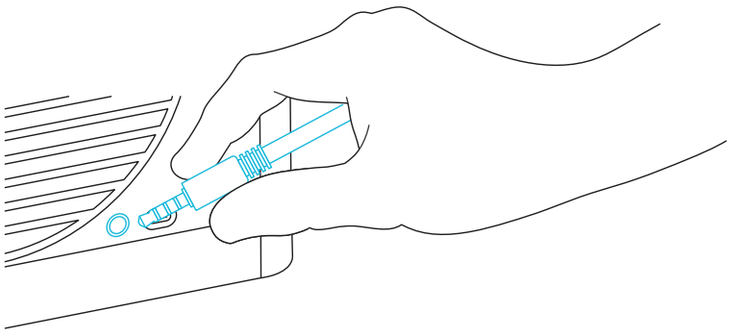


POWERING AND SETUP

STEP 1

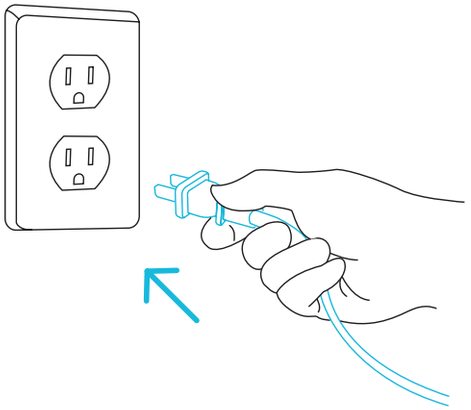
Plug the sensor probe into the 3.5mm jack located at the back of your heater.

Route the probe head to your plant's canopy for the most accurate readings.



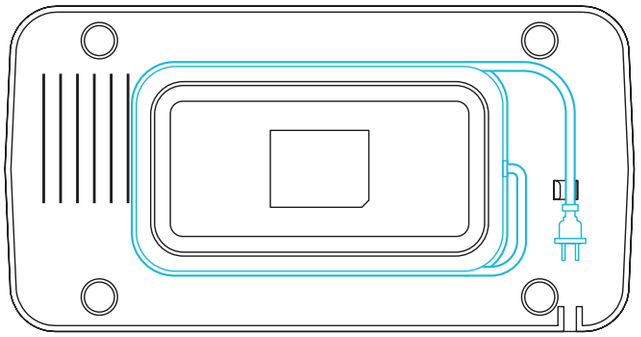
STEP 2

Plug your heater's power plug into an outlet to power it.



CORD MANAGEMENT

You may wrap the power cord around the spool hidden underneath the heater as needed.

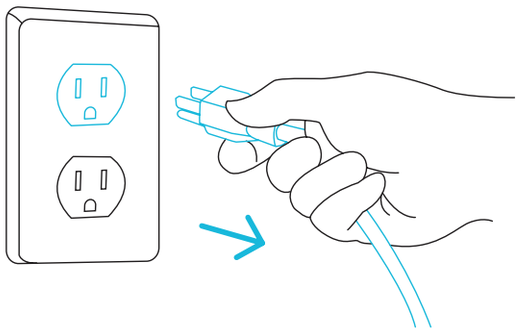


CLEANING

STEP 1

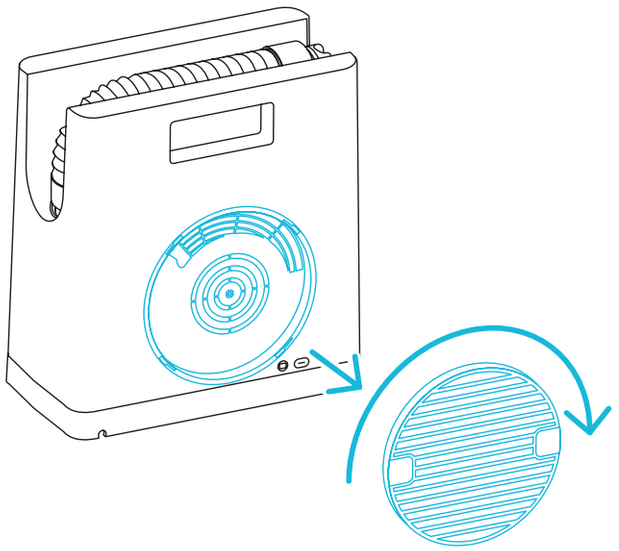
Turn the power OFF before unplugging your heater.

> Wait for your heater to cool down before cleaning it.



STEP 2

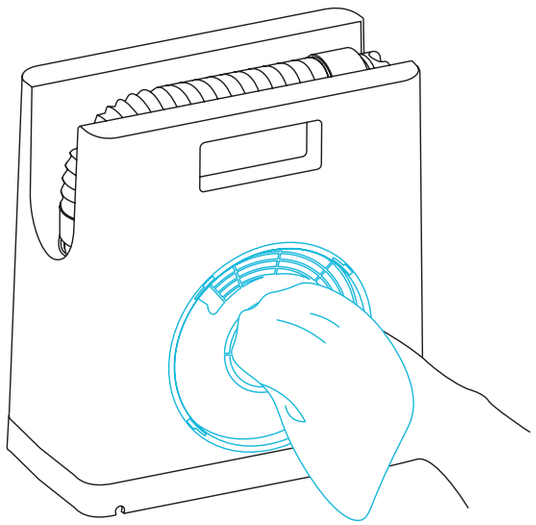
Twist the intake vent cap or duct adapter off of your heater and remove any attached filters.



STEP 3

Wipe off any dust and debris from the grille, vent cap, or vents using a damp cloth. Set aside to dry as needed.

> Clean your heater regularly. Do not use detergent, solvents, or other such chemicals to clean it.

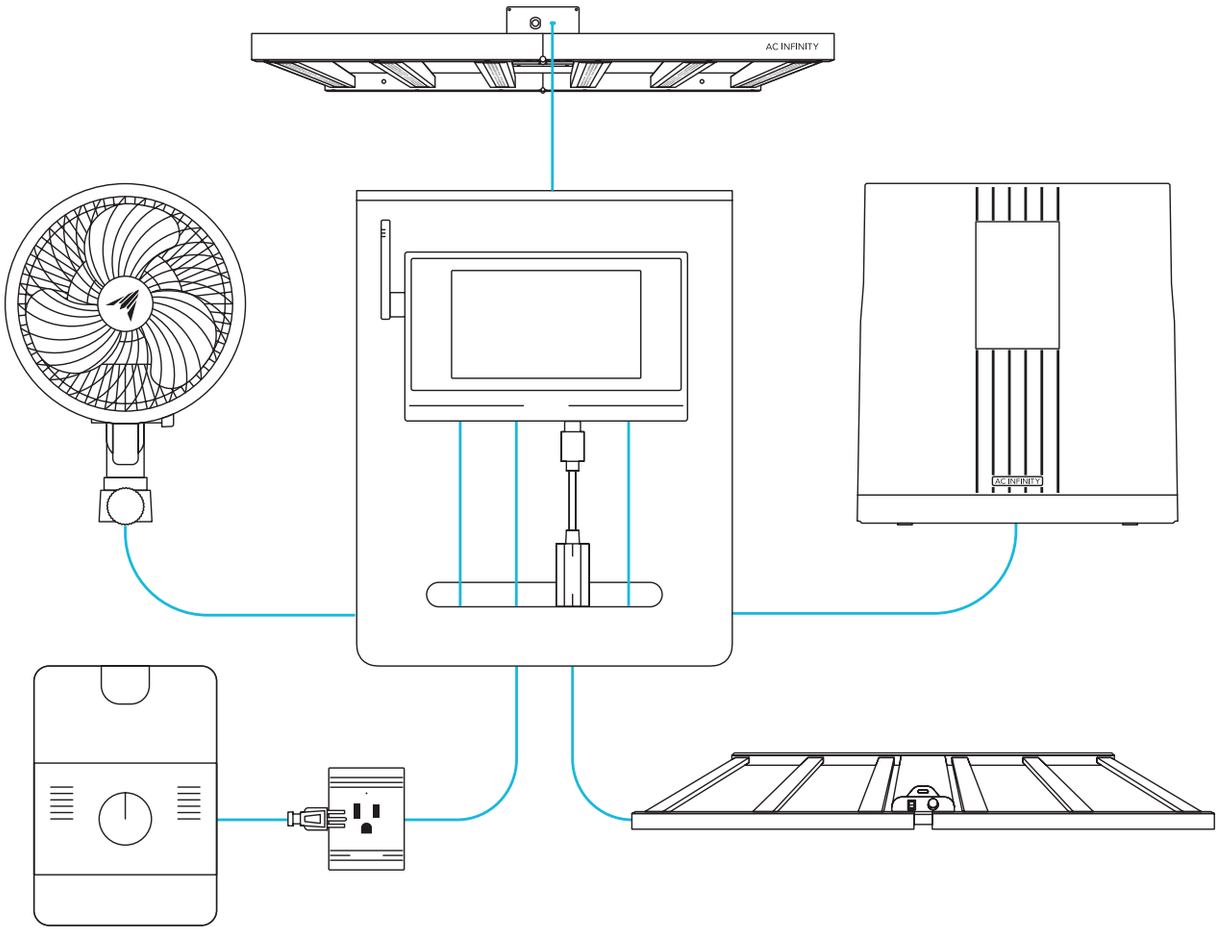


UIS™ PLATFORM

The UIS™ platform enables you to connect a single central controller with several grow devices simultaneously. By creating this fully integrated system, you can power and program all your devices together or separately for optimized grow tent management.

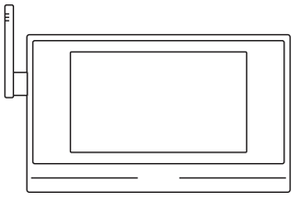
Your grow system can be regulated using your controller hub or remotely on the AC Infinity app (paired with compatible controllers), where you will have access to automation programming and climate data.

You can also connect your favorite grow light and outlet device to integrate them into the UIS platform using our RJ11/12 adapter and control plug module.



Grow devices will be sold separately and may still be in development at the time of your purchase of this product.

CONNECTING TO UIS™

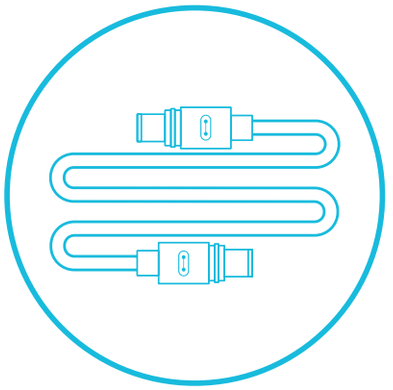


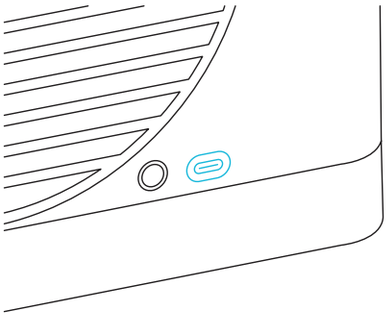
THERMOFORGE heaters can connect with any UIS controller (sold separately) as part of an integrated system using the included UIS extension cord.

EXTENSION CABLE

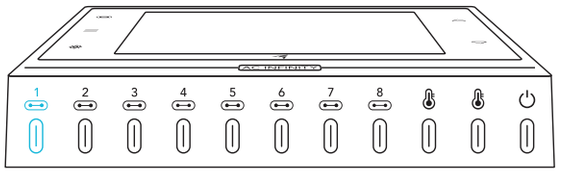
Use the included UIS M-M extension cord to connect your heater to your UIS controller.

Your UIS controller will override all onboard settings, assume control (parameters must be adjusted on the controller), and shut off your heater's display and touch functions when connected in this manner. The sensor probe plugged into your controller will override the heater's sensor









PROGRAMMING

1. MODE BUTTON
Cycles through the controller's modes: OFF, ON, AUTO, VPD, TIMER TO OFF, and CYCLE (ON and OFF).

2. UP/DOWN BUTTONS
Adjusts the value of your current mode. The up button increases and down button decreases the setting. Hold both to reset values to OFF/Default.

3. SETTING BUTTON
Cycles through the controller's settings: °F / °C, CALIB. T° / H%, and LEAF OFFSET.



4. PROBE TEMPERATURE
Displays the current temperature that the probe is detecting. Shows "--" if no probe is plugged in. Includes a trend indicator that signals a rise, stability, or fall in temperature within the last hour.

5. PROBE VPD
Displays the current VPD that the probe is detecting (in kPa). Shows "--" if no probe is plugged in. Includes a trend indicator that signals a rise, stability, or fall in VPD within the last hour.

6. PROBE HUMIDITY
Displays the current humidity that the probe is measuring. Shows "--" if no probe is plugged in. Includes a trend indicator that signals a rise, stability, or fall in humidity within the last hour.

7. CONTROLLER MODE
Displays the controller's current mode. Pressing the mode button cycles through the available modes.

8. CURRENT LEVEL
Displays the current setting. Includes a trend indicator that signals if the setting is currently rising, falling, or holding steady.

9. USER SETTING
Displays the value of your current mode. Use the up or down buttons to adjust the value.

10. COUNTDOWN
Displays the countdown of the TIMER TO OFF, or CYCLE Mode that activates or deactivates your heater. TO ON shows the amount of time left before it turns on. TO OFF shows the amount of time left before it turns off.

11. ALERT ICONS
Displays alerts and statuses of the controller, including the controller lock, CLIMATE alert, and TIMER alert.

12. FUNCTION MODE
Displays which function your heater is in between HEAT and FAN.

PROGRAMMING
HEAT FUNCTION

CONTROLLER MODES

Holding the MODE and SETTING buttons for 3 seconds while in any mode or setting will switch your heater between the HEAT and FAN functions. This switching is disabled if the controller is locked.

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

OFF MODE

Your heater will not run while in this mode. The OFF Mode setting also serves as the minimum level the other modes will run at while triggered OFF.

MINIMUM LEVEL

Your heater will run at the level set in OFF Mode, as the minimum level, when triggered to turn OFF. These other modes include the AUTO Mode, VPD Mode, TIMER TO OFF Mode, and CYCLE Mode.

It will run continuously until triggered ON, at which point it will run at the level set in ON Mode.

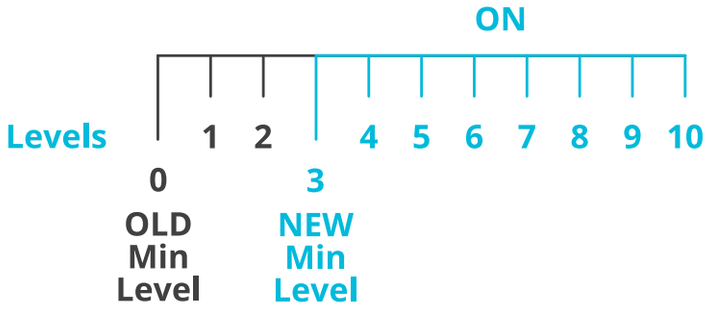
If you want your heater to turn off completely when they're triggered to be OFF, set the OFF Mode level to zero.

OFF MODE



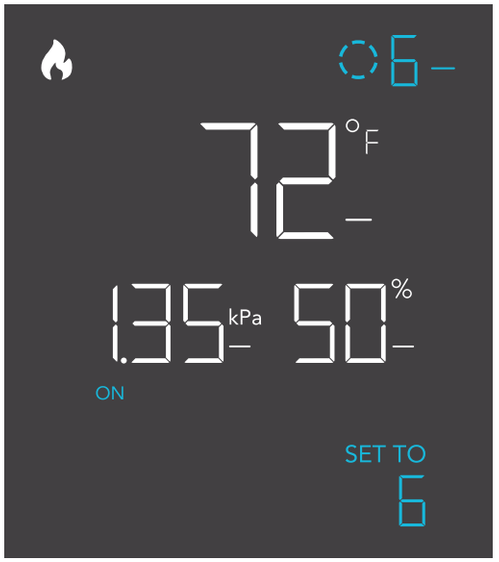
MINIMUM LEVEL





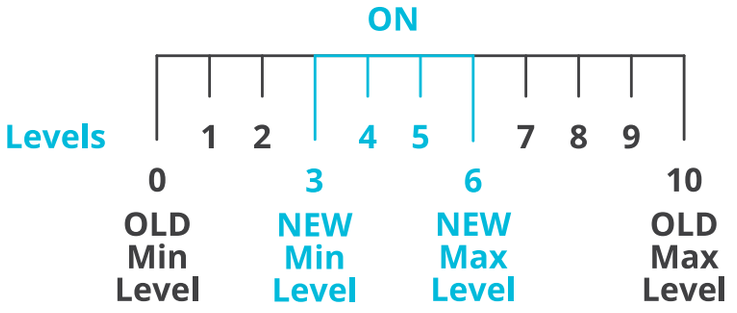
PROGRAMMING
HEAT FUNCTION

ON MODE
Your heater will actively run at the level set here, regardless of the probe's reading. The ON Mode setting also serves as the maximum level the other modes will run at.



MAXIMUM LEVEL
Your heater will run at the level set in ON Mode, as the maximum level, when triggered ON, as well as in the AUTO Mode, VPD Mode, TIMER TO OFF Mode, and CYCLE Mode.

Do not set the ON Mode figure to zero or your heater will turn off when it's triggered ON in all modes.

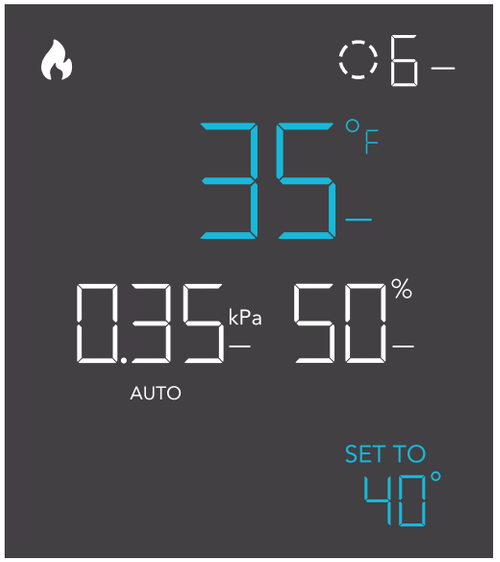


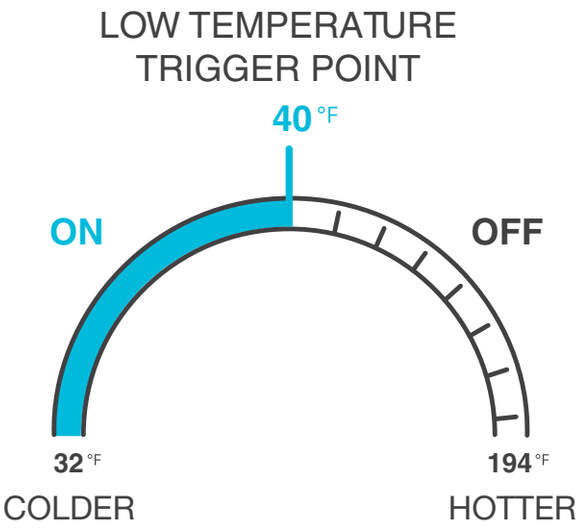
PROGRAMMING
HEAT FUNCTION

AUTO MODE (LOW TEMPERATURE TRIGGER)

Pressing the up or down button sets the low temperature trigger. Your heater will activate if the probe's reading meets or falls below this threshold.

Once triggered, your heater will gradually ramp up to the level set in ON Mode. If the probe's reading rises above this trigger point, your heater will gradually slow down to a stop or at the level set in OFF Mode.





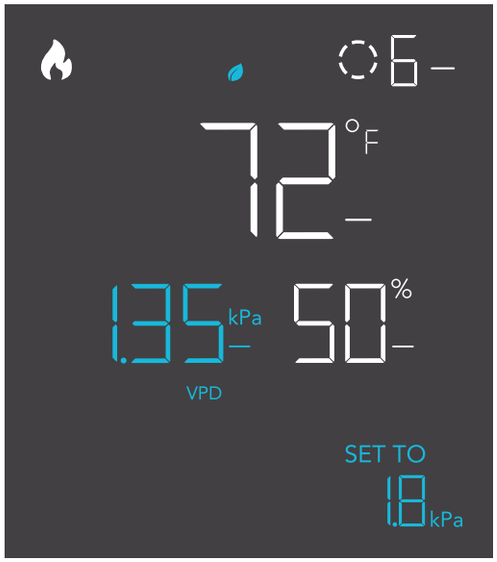
Set a trigger point to OFF if not in use, by holding down the up and down button. If there is a level set in OFF Mode other than zero, your heater will run at that level when triggered to turn off.

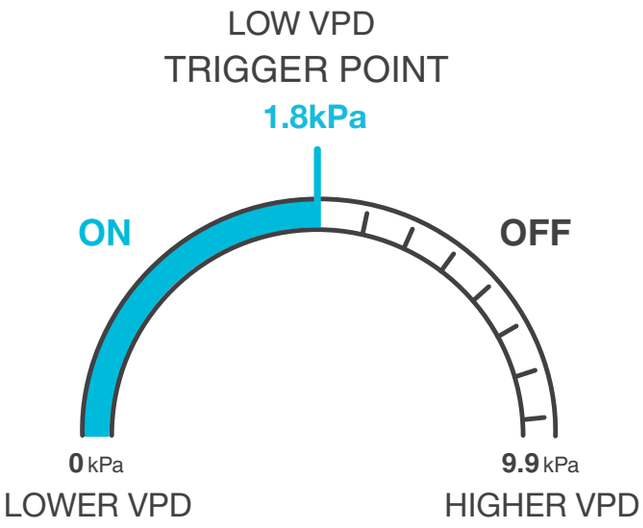
PROGRAMMING
HEAT FUNCTION

VPD MODE (LOW VPD TRIGGER)

Pressing the up or down button sets the low VPD trigger. Your heater will activate if the probe's reading meets or falls below this threshold.

Once triggered, your heater will gradually ramp up to the level set in ON Mode. If the probe's reading falls below this trigger point, your heater will gradually slow down to a stop or at the level set in OFF Mode.





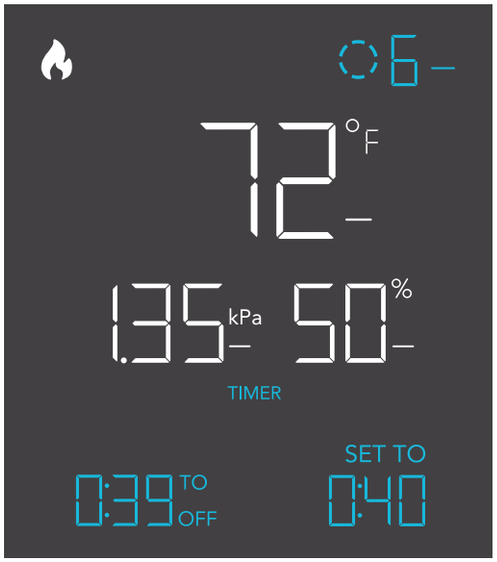
Set a trigger point to OFF if not in use, by holding down the up and down button. If there is a level set in OFF Mode other than zero, your heater will run at that level when triggered to turn off.

PROGRAMMING
HEAT FUNCTION

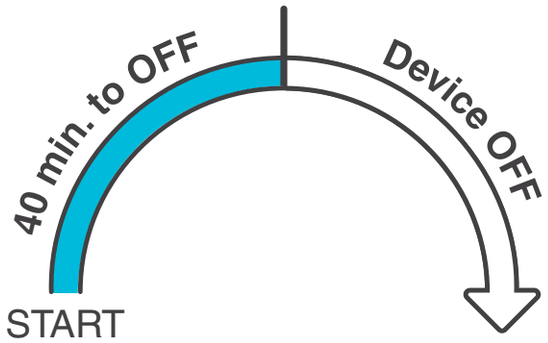
TIMER TO OFF MODE

Pressing the up or down button sets a countdown time. During the countdown, your heater will be set to ON. Once the timer ends, your heater will trigger to turn off. If there is a level set in OFF Mode, your heater will run at that level after the end of the countdown.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown is shown on the lower right corner of the display above the setting. Leaving the TIMER Mode while the countdown is running will pause it until you return to this mode.



TIMER TO OFF
(COUNTDOWN END POINT)



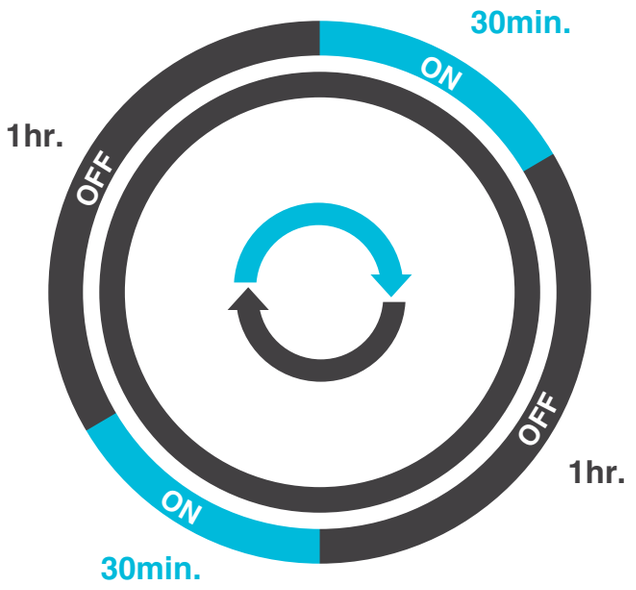
PROGRAMMING
HEAT FUNCTION

CYCLE MODE (ON AND OFF)

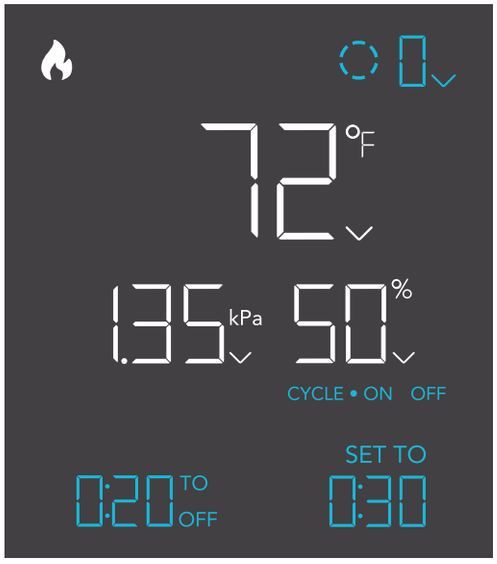
Sets an on duration and an off duration for your heater to cycle through continuously. Press the up or down button to first set a duration for it to activate. Then press the mode button again and set a duration for your heater to deactivate.

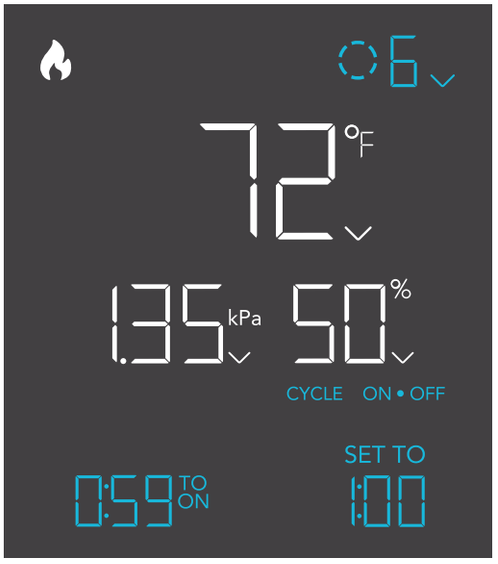
When your heater is activated, it will run at the level set in ON Mode. When it is deactivated, it will run at the level set in OFF Mode.

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 displayed below the current level. Leaving the CYCLE Mode while the countdown is running will pause it until you return to this mode.



If there is a level set in OFF Mode other than zero, your heater will run at that level when triggered to turn off.





PROGRAMMING
FAN FUNCTION

CONTROLLER MODES
Holding the MODE and SETTING buttons for 3 seconds while in any mode or setting will switch your heater between the HEAT and FAN functions. This switching is disabled if the controller is locked.

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

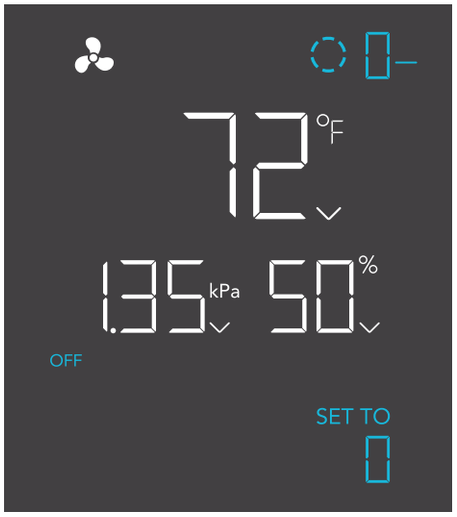
OFF MODE
Your heater will not run while in this mode. The OFF Mode setting also serves as the minimum level the other modes will run at while triggered OFF.

MINIMUM LEVEL
Your heater will run at the level set in OFF Mode, as the minimum level, when triggered to turn OFF. These other modes include the TIMER TO OFF Mode and CYCLE Mode.

It will run continuously until triggered ON, at which point it will run at the level set in ON Mode.

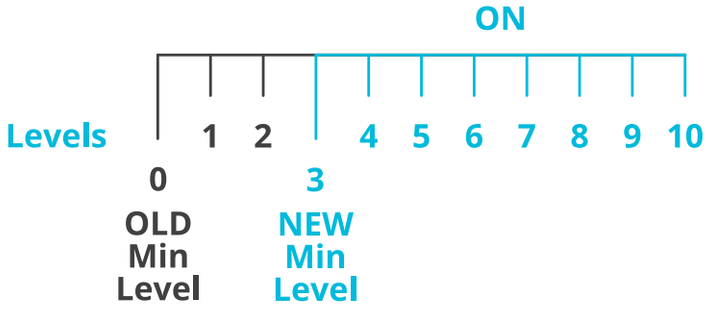
If you want your heater to turn off completely when they're triggered to be OFF, set the OFF Mode level to zero.

OFF MODE



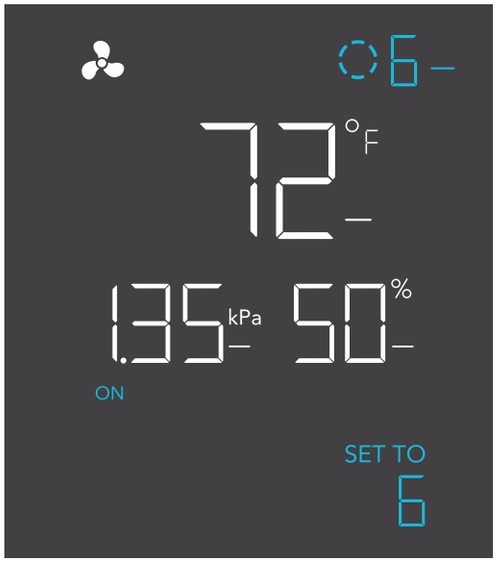
MINIMUM LEVEL





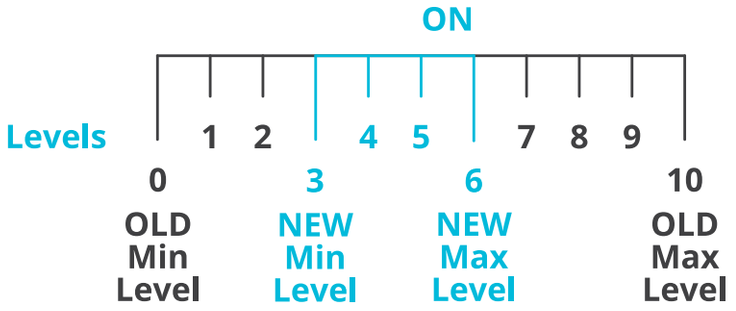
PROGRAMMING
FAN FUNCTION

ON MODE
Your heater will actively run at the level set here, regardless of the probe's reading. The ON Mode setting also serves as the maximum level the other modes will run at.



MAXIMUM LEVEL
Your heater will run at the level set in ON Mode, as the maximum level, when triggered ON, as well as in the TIMER TO OFF Mode and CYCLE Mode.

Do not set the ON Mode figure to zero or your heater will turn off when it's triggered ON in all modes.

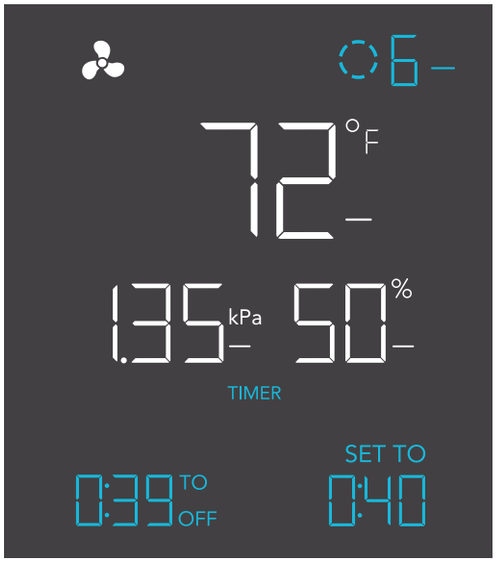


PROGRAMMING
FAN FUNCTION

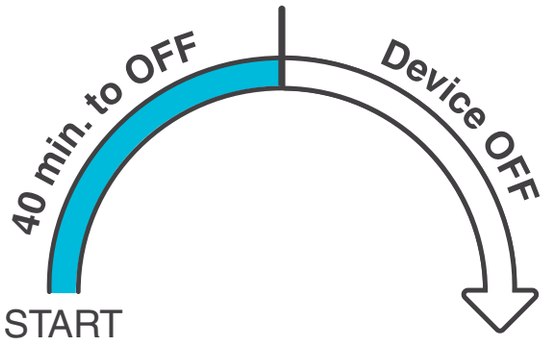
TIMER TO OFF MODE

Pressing the up or down button sets a countdown time. During the countdown, your heater will be set to ON. Once the timer ends, your heater will trigger to turn off. If there is a level set in OFF Mode, your heater will run at that level after the end of the countdown.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown is shown on the lower right corner of the display above the setting. Leaving the TIMER Mode while the countdown is running will pause it until you return to this mode.



TIMER TO OFF
(COUNTDOWN END POINT)



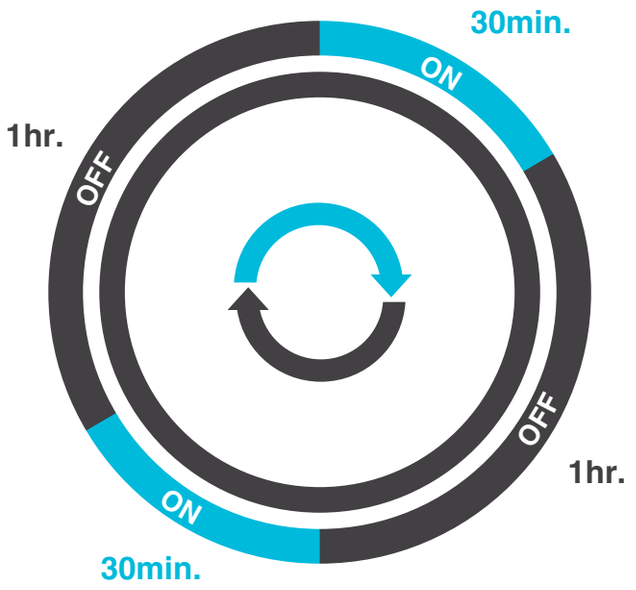
PROGRAMMING
FAN FUNCTION

CYCLE MODE (ON AND OFF)

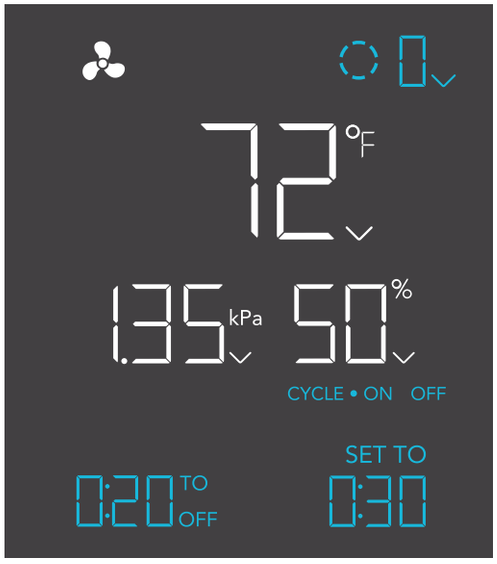
Sets an on duration and an off duration for your heater to cycle through continuously. Press the up or down button to first set a duration for it to activate. Then press the mode button again and set a duration for your heater to deactivate.

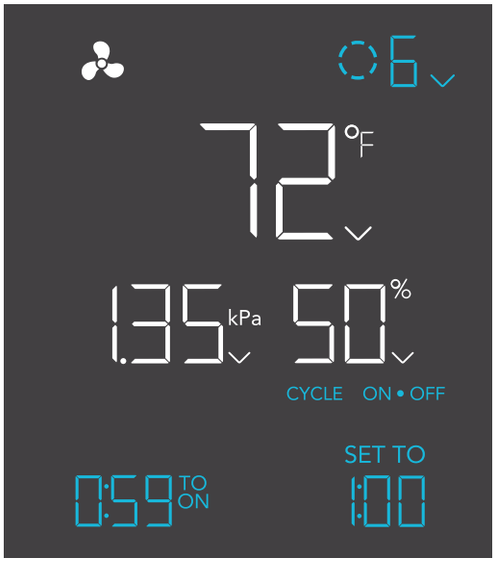
When your heater are activated, it will run at the level set in ON Mode. When your heater is deactivated, they will run at the level set in OFF Mode.

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 displayed below the current level. Leaving the CYCLE Mode while the countdown is running will pause it until you return to this mode.



If there is a level set in OFF Mode other than zero, your heater will run at that level when triggered to turn off.





PROGRAMMING

CONTROLLER SETTINGS

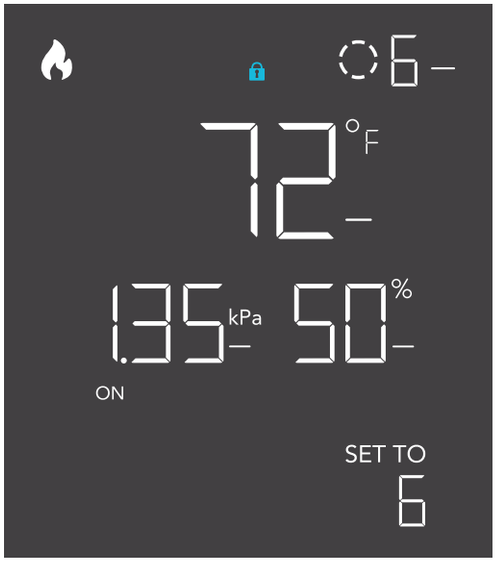
Pressing the setting button will cycle through the controller's available settings: °F / °C, CALIB. T° / H%, and LEAF OFFSET.

TOGGLING THE DISPLAY

Lock the controller by holding the setting button.

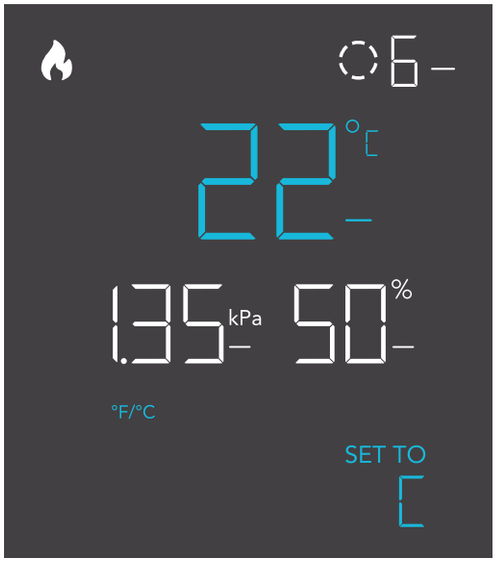
Press the setting button to turn the display off. Pressing the setting button again will turn the display back on.

Programs will still run in the background while the LCD screen is off.



°F/°C SETTING

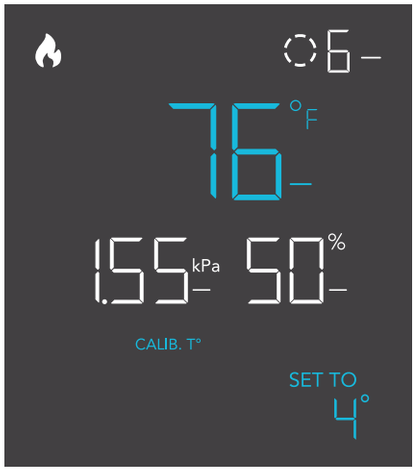
Changes the displayed units to Fahrenheit or Celsius. Press the up or down button to cycle through F and C. All displayed units will automatically convert when adjusting this setting.



PROGRAMMING

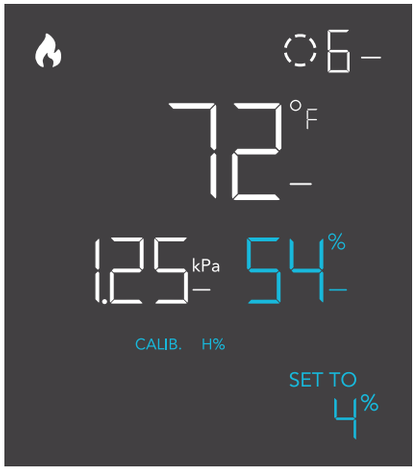
CALIBRATION TEMPERATURE SETTING

Adjusts the temperature reading the sensor probe is measuring. Press the up or down button to increase or decrease the data figure in 1° 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.



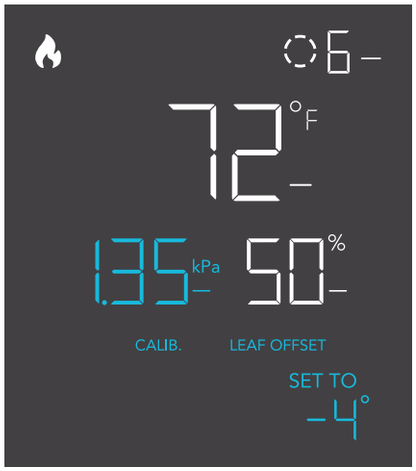
CALIBRATION HUMIDITY SETTING

Adjusts the relative humidity reading the sensor probe is measuring. Press the up or down button to increase or decrease the data figure in 1% increments. The calibration cycle ranges from -10% to 10% and will be applied to the sensor probe's measurements.



CALIBRATION LEAF OFFSET SETTING

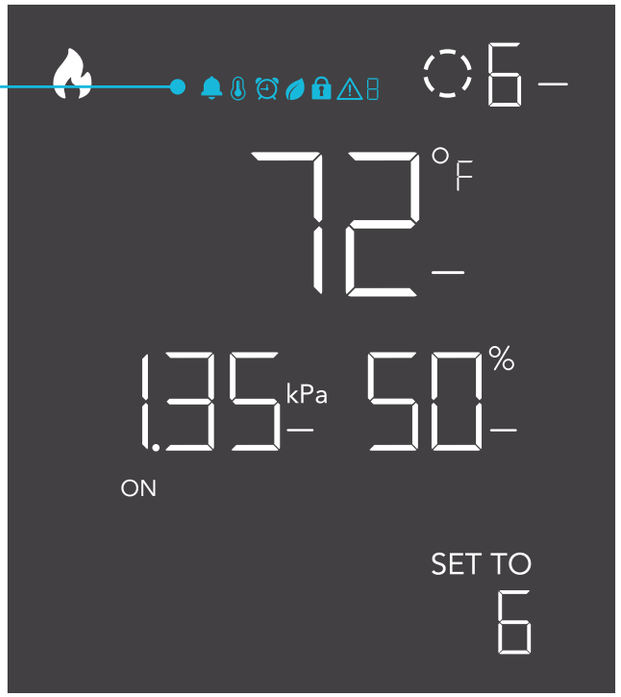
Adjusts the VPD reading the sensor probe is measuring. Press the up or down button to increase or decrease the data figure in 1° increments. The calibration cycle ranges from -20°F to 20°F (or -10°C to 10°C) and will be applied to the sensor probe's measurements.



PROGRAMMING

ALERT ICONS

The alert icons are displayed at the top of the screen and will flash when the controller signals an alert, notifying you of any triggered functions or alarms.



ALARM

Flashes and beeps with an alert if the temperature/VPD meet the trigger point set in the app.

AUTO MODE ALERT

Flashes whenever the AUTO Mode trigger activates your heater.

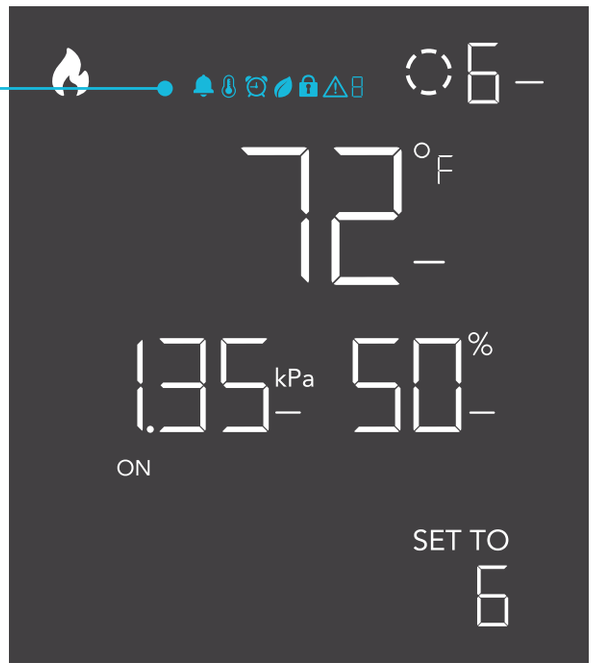
TIMER ALERT

Flashes when a countdown has completed in the TIMER or CYCLE Mode.

VPD ALERT

Flashes whenever the VPD Mode trigger activates your heater.

PROGRAMMING



DISPLAY LOCK ALERT
Displays when you lock the screen. The icon will flash and beep if you attempt to adjust your heater while it is still locked.

FAN ALERT
Flashes whenever the fan experiences interference to its functioning. Check your heater for possible issues.

FAIL-SAFE
Flashes whenever your heater falls or is tilted past a 15° angle. It will pause programming and its screen will flash until it is back to an upright position.

INTERNAL OVERHEATING
Flashes whenever your heater's internal temperature exceeds 194°F. The heater function and controller buttons will be disabled until the internal temperature cools below 185°F. The fan function will not be disabled during this emergency shutoff.

ENVIRONMENTAL OVERHEATING
Flashes whenever the sensor probe senses a temperature exceeding 140°F. The heater function and controller buttons will be disabled until the temperature cools below 131°F. The fan function will not be disabled during this emergency shutoff.

OTHER SETTINGS

SWITCH FUNCTION

Holding the mode and setting buttons for 3 seconds will switch your heater between the HEAT and FAN functions. This switching is disabled if the controller is locked.

HOLD + 

FACTORY RESET

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

HOLD + 

CONTROLLER LOCK

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

HOLD + 

HIDE SCREEN

Lock your heater 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 + 

OTHER SETTINGS

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 setting to default. In AUTO and VPD Mode, pressing either the up or down button will return to its previous value.

HOLD + △▽

TOGGLE BUTTON SOUNDS

Hold the mode and up buttons to turn off or on button sounds.

HOLD + ☰ △

MUTE ALARMS

Press any button to mute alarms.

PRESS ANY BUTTON

FAQ

Q: Why does my screen turn off when I connect my heater to a UIS controller?
A: A UIS controller will override your heater's onboard programming. Your device's screen will shut off and you can program your device directly through the smart controller.

Q: When I connect to a smart controller, which sensor probe is active?
A: The sensor probe plugged into your controller will override the heater's sensor.

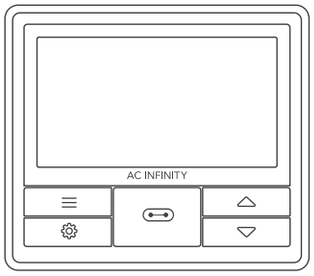
Q: How should I route my heater's ducting?
A: Set your heater outside of your grow tent and channel the ducting through one of its lower duct ports.

Q: Can I place this heater inside of my grow tent?
A: You may place your heater inside of your grow tent as long as its humidity level does not rise above 85%. Otherwise we recommend keeping your heater outside of your grow tent and directing heat from it using the built-in ducting with duct extension (as needed). See above.

AC INFINITY PRODUCTS

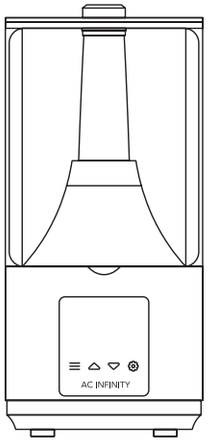
CONTROLLER 69 PRO

The CONTROLLER 69 PRO is the centerpiece of the UIS platform, able to connect with our smart devices including fans and LED grow lights to create the optimal growing environment. Connects with up to four devices to provide independent programming while capable of dynamically adjusting fan speed and brightness intensity levels in response to temperature, humidity, and VPD levels.



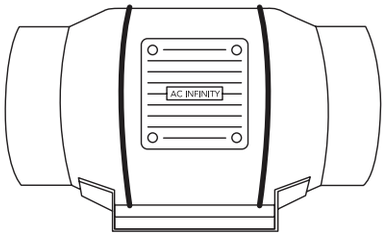
Humidifiers

The CLOUDFORGE series is a line of humidifiers designed to produce optimal humidity levels for successful plant growth. The onboard smart controls feature 10 intensity levels, humidity and VPD triggers, timer programming, and more. Includes a corded sensor probe for up-to-the-minute readings and tubing for targeted vapor distribution.



Duct Fans

The CLOUDLINE series is a line of duct fans designed to quietly ventilate AV rooms and closets, as well as various DIY air circulation and exhaust projects. Features a thermal controller with intelligent programming that will automatically adjust duct fan speeds in response to changing temperatures.



Discover the latest innovations in environmental controls at acinfinity.com

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. Commercial grow lights sold by AC Infinity receive a five year warranty period. 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 (five years from the date of purchase of commercial grow lights). 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 have any issues with this product, contact us and we'll happily resolve your problem or issue a full refund!

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