



Thermostat Installation Guide

For more information, visit Degrii.com



Customer Service

Telephone: +1 (888) 533-4744

Email: happycustomer@degrii.com

Join the community: degrii.com/pages/community

Compatibility

Based on Degrii's online compatibility checker, the Degrii Thermostat demonstrates compatibility with a wide range of 24V systems, encompassing gas, electric, oil, forced air, heat pump, and radiant systems. It can control:

- Heating: one, two and three stages (W1, W2)
- Cooling: one and two stages (Y1, Y2)
- Heat pump: with auxiliary and emergency heat (O/B, AUX, E)
- Fan (G)
- Power (C, RH, RC, R)
- Humidifier or dehumidifier (HUM, DEHUM)

The Degrii Thermostat's * connector can accept only one of these wires: E, HUM or DEHUM.

The Degrii Thermostat is designed to work even if your home doesn't have a common (C) wire but you will need to use either the CWA or 24v power adapter as an accessory based on your system type.

In The Box

1. Back Panel × 1

3. Screws × 3

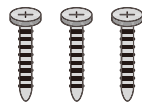
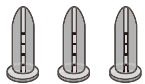
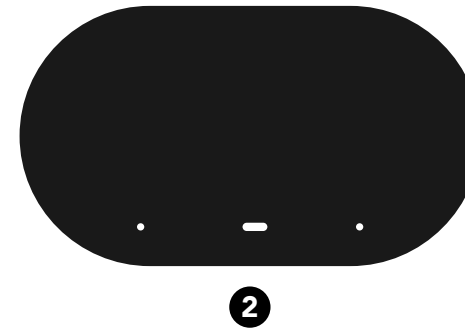
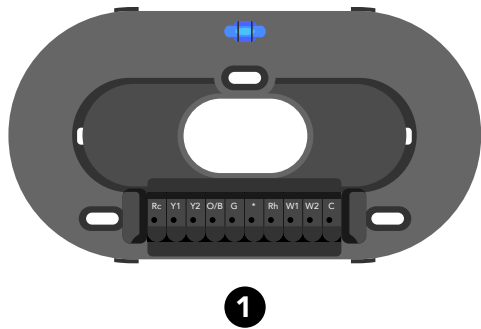
5. Quick Start Guide × 1

7. Manual x 1

2. Thermostat × 1

4. Anchor × 3

6. Labels × 1



Installation Guide

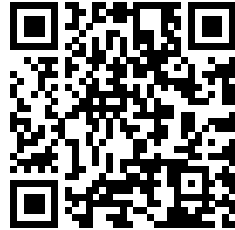
STEP 1

Download the Download Degrii OS app and sign in or create an account.

You'll need it for installation and setup of your thermostat.

DOWNLOAD THE APP BY
SCANNING THIS QR CODE

OR DOWNLOAD DIRECTLY FROM
APP STORE OR GOOGLE PLAY.



STEP 2

In the app home page, click "+ New Device" and add your Degii thermostat.

Follow the app instructions to complete the installation.

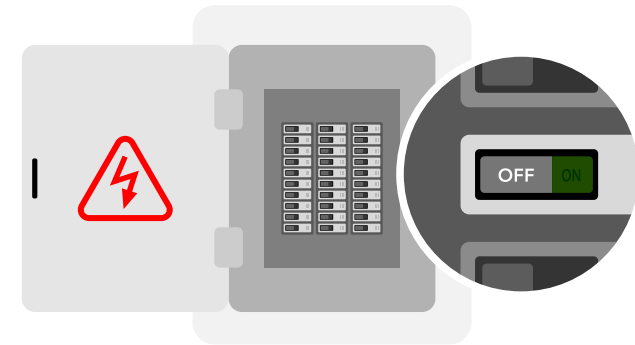
Watch degrii thermostat installation video guide:

<https://youtu.be/kdJolAgJG4I>

STEP 3

Switch off power

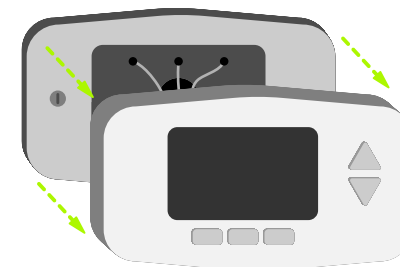
This protects you and prevents blowing a fuse in your equipment. Adjust the temperature on your old thermostat to verify that your system is off.



STEP 4

Remove cover

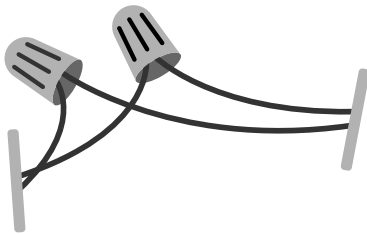
Some covers pop off, while others need to be unscrewed.



STEP 5

Check your system

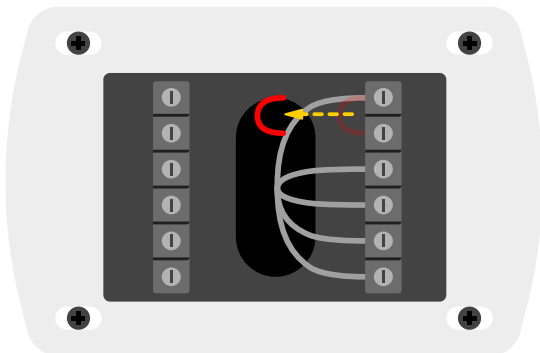
If your old thermostat is labeled 120V or 240V or has thick wires with wire nuts, it indicates a high voltage system that is incompatible. If you're uncertain, please reach out to our support team at happycustomer@degrii.com for assistance.



STEP 6

Remove any jumper wires

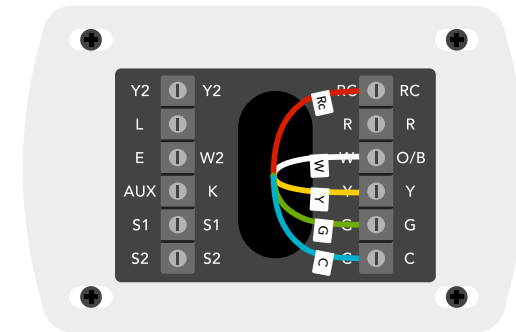
Jumper wires are short wires used to connect two terminals. They are not needed for the installation. The R wire should be inserted into the RC terminal.



STEP 7

Label wires

Peel off the labels from the label sticker provided and attach them to the thermostat's matching wires.



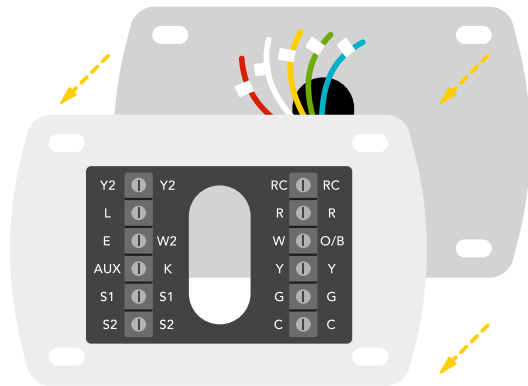
If you notice two names assigned to each terminal on the backplate of your old thermostat, we recommend using the names that correspond to your HVAC type (Heat Pump or Conventional) or reaching out to Degrii customer support for prompt assistance and guidance.

Tip: Take a picture of the wires on your old thermostat for future reference.

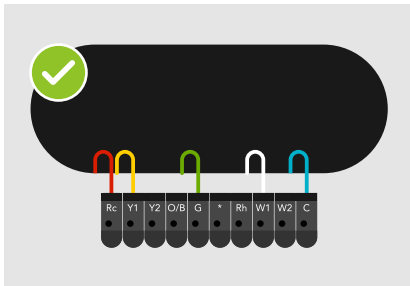
STEP 8

Disconnect the wires and remove the base

It is advisable to wrap the wires around a pen or pencil in a careful manner after removing the base, to prevent them from inadvertently falling back into the wall hole.

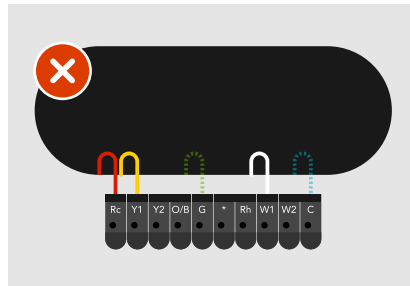


Check: Does your old thermostat have C wire?



If YES, continue to the Next page

Some systems may have an unused wire (usually blue) is attached to the C terminal on the HVAC. In that case you have a C wire.



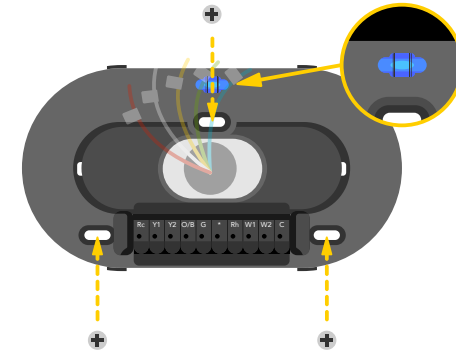
If NO, jump to [C-Wire Adapter installation](#) if you have 4 wires (W/W1, Y/Y1, G, R/Rc/Rh).

If you do not have C and G wire on your old thermostat, jump to [24v Power Adapter installation](#).

STEP 9

Mark where screws will go

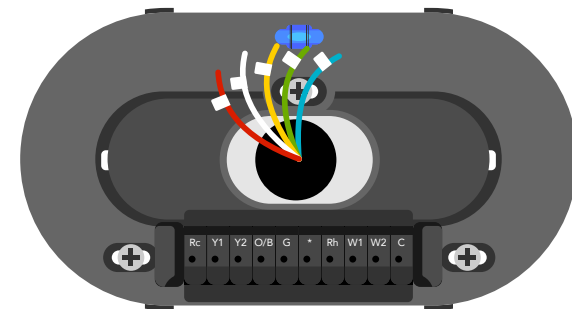
Use the bubble level to make sure the Degrii Thermostat is level.



STEP 10

Attach the Degrii base

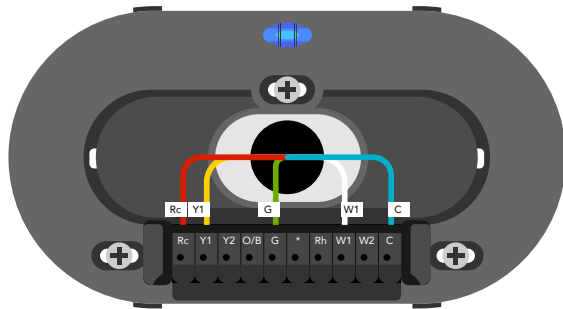
Pull the wires through the center of the base, then attach it to the wall with the screws.



STEP 11

Connect wires

After all the wires are securely connected, push them down to make sure they're flush with the base.



STEP 12

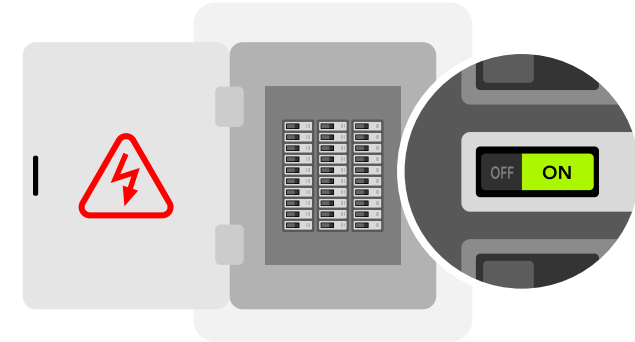
Attach the display

Press the display onto the base until it clicks.



STEP 13

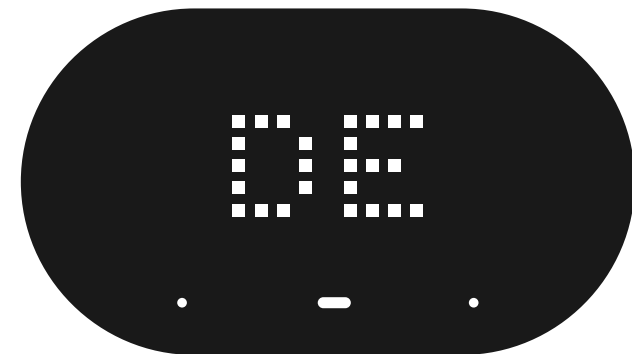
Switch the power back on



STEP 14

Complete setup through the app

The Degrii Thermostat will turn on and the app will walk you through completing the setup.



CWA Installation Guide

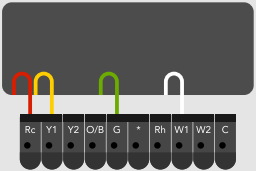
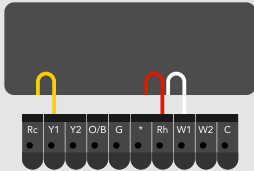
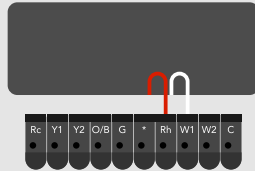
If you don't have a C wire, you'll need to use the Degrii C-Wire Adapter (CWA) to reliably power your Degrii smart thermostat.



CHECKPOINT: 4 WIRES

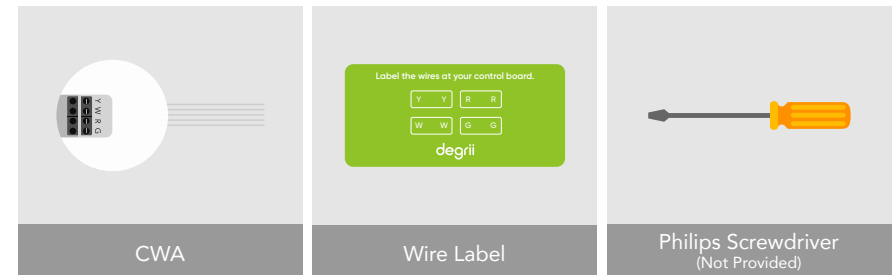
The C-Wire Adapter requires your system to have 4 wires W/W1, Y/Y1, G, and R (or RC or RH).

Do you have these wires?

| | | |
|--|--|--|
| <p>YES</p> <p>Continue to the NEXT PAGE The C-Wire Adapter will work with your system!</p>  | <p>NO</p> <p>Contact us visit our compatibility checker at https://degrii.com/pages/thermostat-compatibility-checker</p>  | <p>NO</p> <p>Contact us visit our compatibility checker at https://degrii.com/pages/thermostat-compatibility-checker</p>  |
|--|--|--|

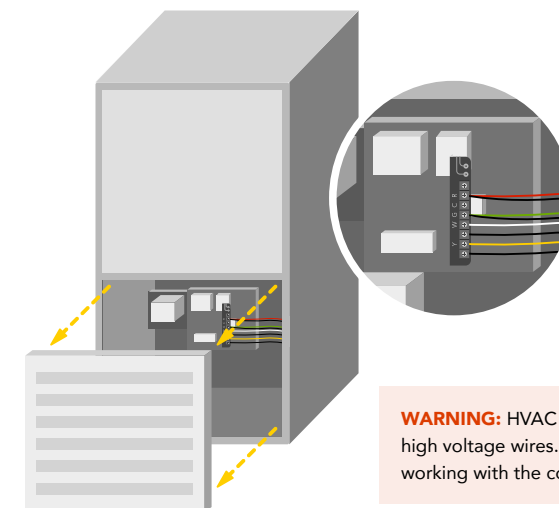
STEP 1

Take your C-Wire Adapter, wire labels, tools, your smartphone, and go to your HVAC system.



STEP 2

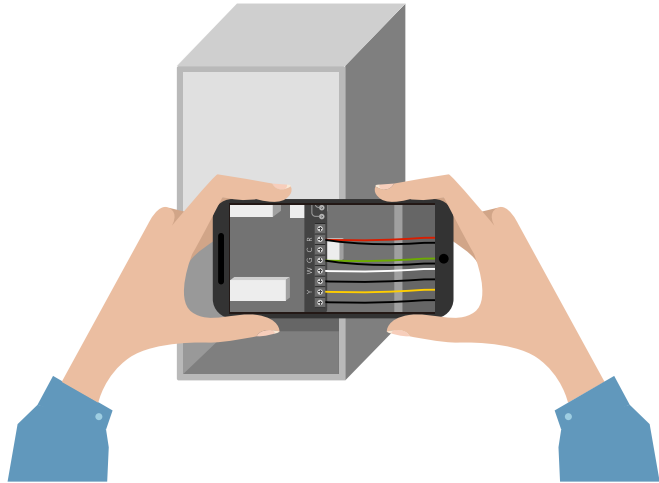
Open your HVAC system's cover to reveal the control board.



WARNING: HVAC systems contain high voltage wires. Use caution when working with the control board.

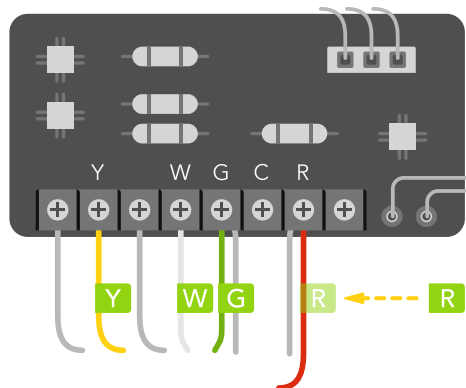
STEP 3

Take a picture of the wires connected to your control board. You may need to reference this photo later on.



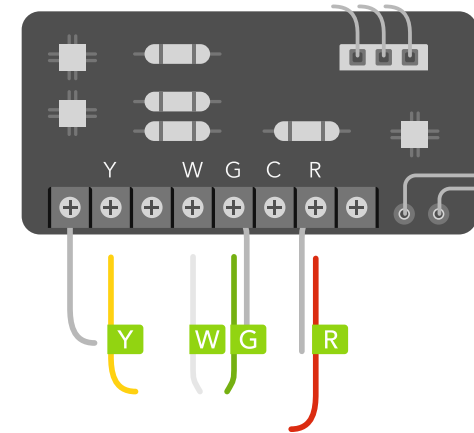
STEP 4

Label only the R, Y or Y1, G, and W or W1 wires with the matching labels provided. If you have more than one wire going into these terminals, only label those going to your thermostat.



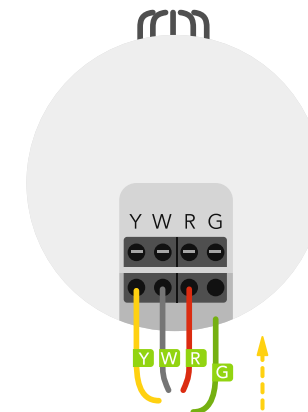
STEP 5

Disconnect the wires labeled R, Y, G, and W from the control board.



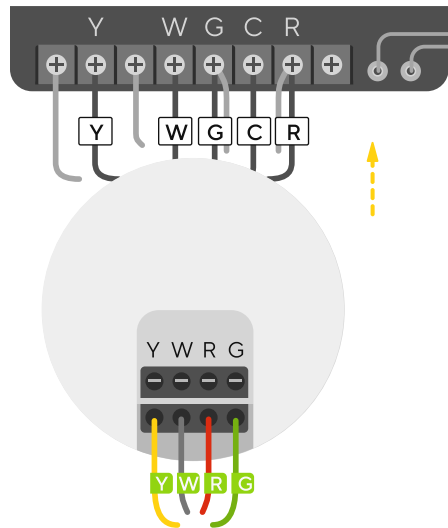
STEP 6

Connect the wires you disconnected from the control board into their matching gray terminal blocks on the C-Wire Adapter.



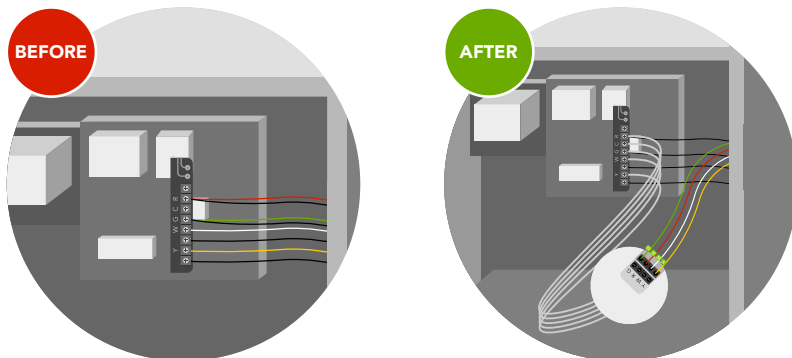
STEP 7

Connect the five white wires coming out of your C-Wire Adapter to their corresponding terminals on the control board.



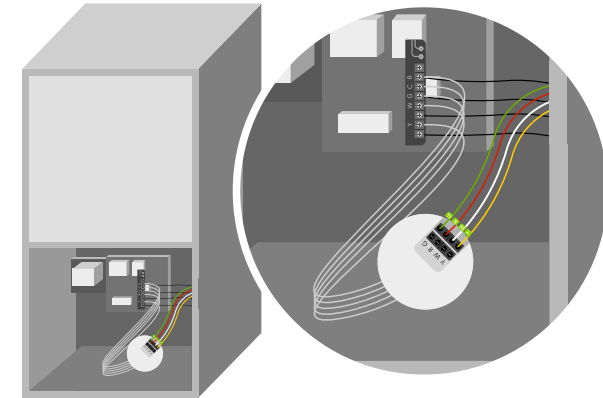
CHECKPOINT: C-Wire Adapter

Check that you have installed the C-Wire Adapter correctly. It should be installed between your thermostat wiring and your control board.



STEP 8

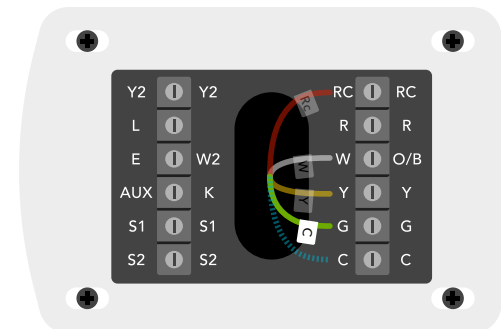
Mount the C-Wire Adapter inside your HVAC system, taking care not to strain the wires. Close the HVAC cover panel securely and return to your thermostat.



STEP 9

Back at your thermostat

Carefully disconnect and label the wires from your old thermostat one at a time, using the labels provided. If you have a jumper between RC, RH, or R, leave it alone. Only label the wires that run from your wall into a terminal block.



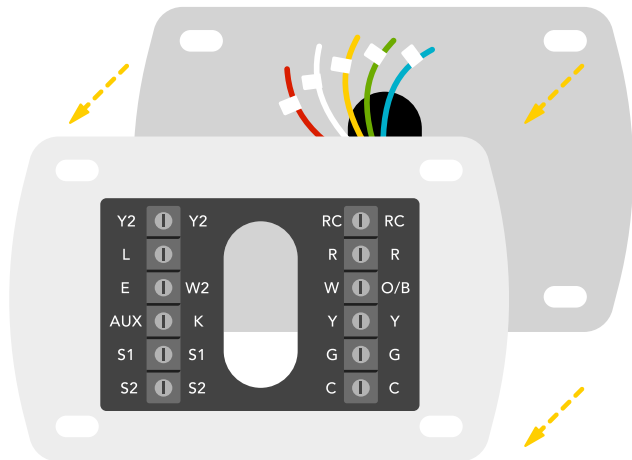
Note: Label the G wire as C. The G wire becomes your new C wire to power the Degrii thermostat after installing the C-Wire Adapter.

Note: Label the G wire as C. The G wire becomes your new C wire to power the Degrii thermostat after installing the C-Wire Adapter.

STEP 10

Disconnect the wires and remove the base

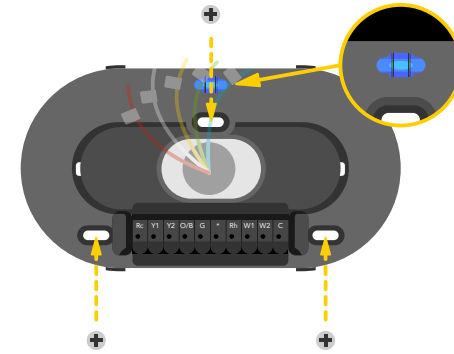
It is advisable to wrap the wires around a pen or pencil in a careful manner after removing the base, to prevent them from inadvertently falling back into the wall hole.



STEP 11

Mark where screws will go

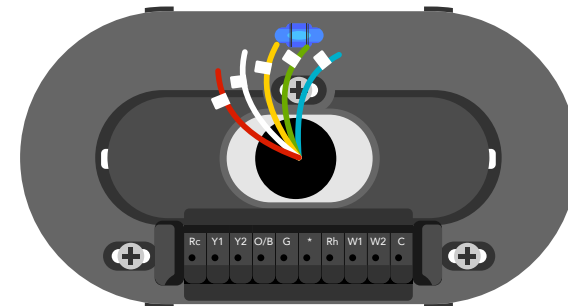
Use the bubble level to make sure the Degrii Thermostat is level.



STEP 12

Attach the Degrii base

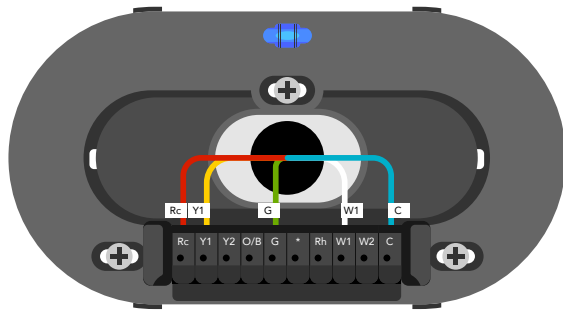
Pull the wires through the center of the base, then attach it to the wall with the screws.



STEP 13

Connect wires

After all the wires are securely connected, push them down to make sure they're flush with the base.



STEP 14

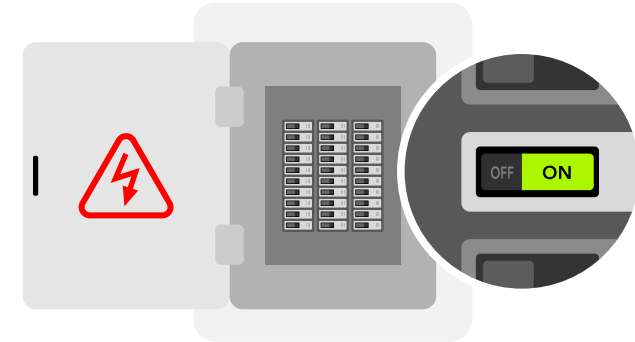
Attach the display

Press the display onto the base until it clicks.



STEP 15

Switch the power back on



STEP 16

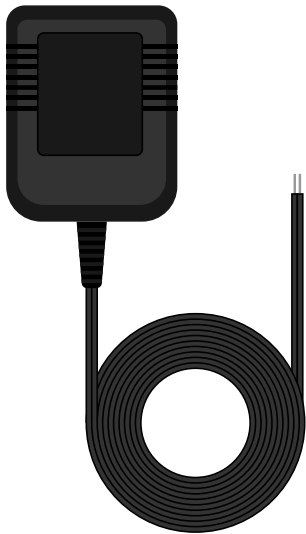
Complete setup through the app

The Degrii Thermostat will turn on and the app will walk you through completing the setup.



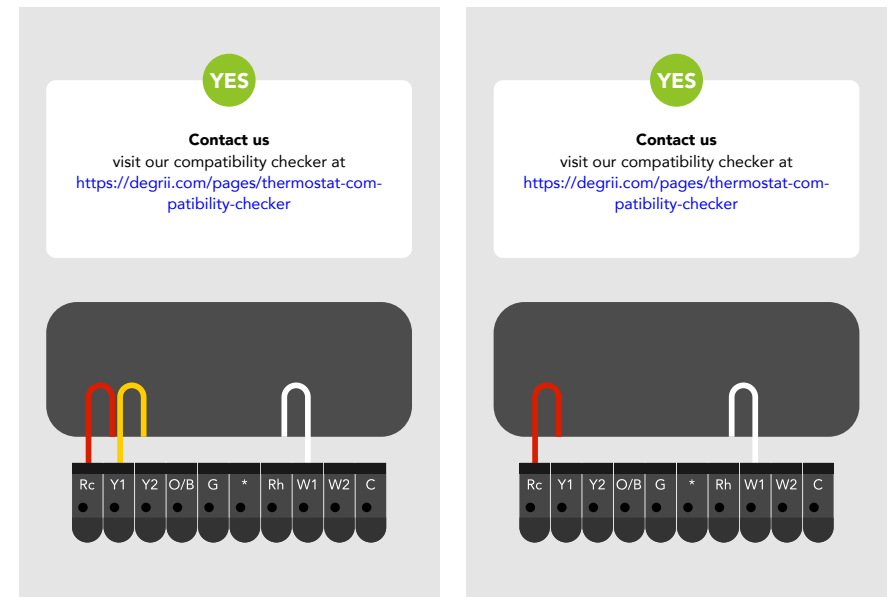
■ 24V Power Adapter Installation Guide

If you don't have a C wire and a G wire, you'll need to use the Degrii 24V Power Adapter to reliably power your Degrii smart thermostat.



CHECKPOINT: NO C and G WIRES?

The 24v power adapter can be used to power your degrii thermostat if you don't have G and C wires on your old thermostat.



STEP 1

Take out your 24v power adapter from the box

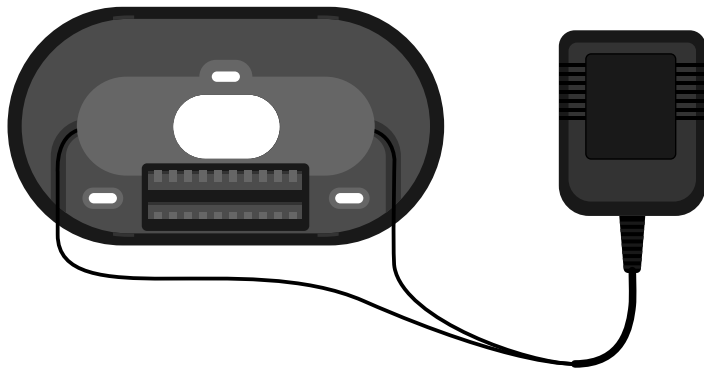
Take out your 24v power adapter from the box and get ready to install it.



STEP 2

Thread the 24v power adapter wires

Thread the 24v power adapter wires through the side holes of the degrii thermostat backpanel.

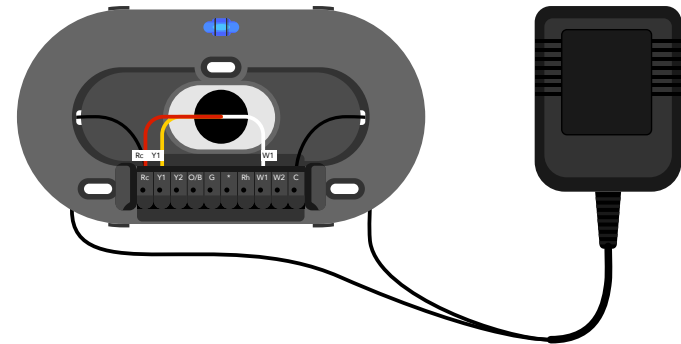


STEP 3

Connect wires

Pull all the HVAC wires through the center of the back panel and connect them to the thermostat terminals. After all the wires are securely connected, push them down to make sure they're flush with the base.

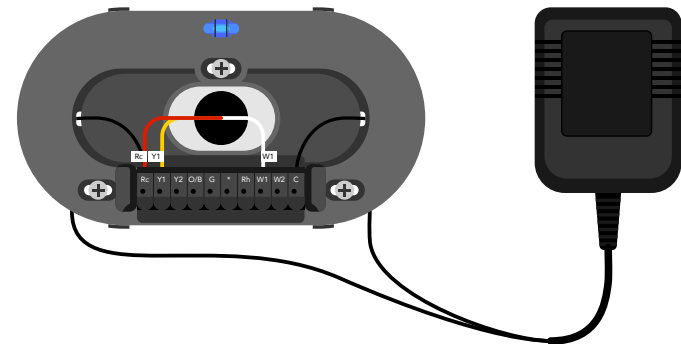
Make sure the 24v power adapter wires are connected to the Rc and C terminals on the thermostat.



STEP 4

Screw the back panel to the wall

Attach the thermostat back panel to the wall with the screws.



STEP 5

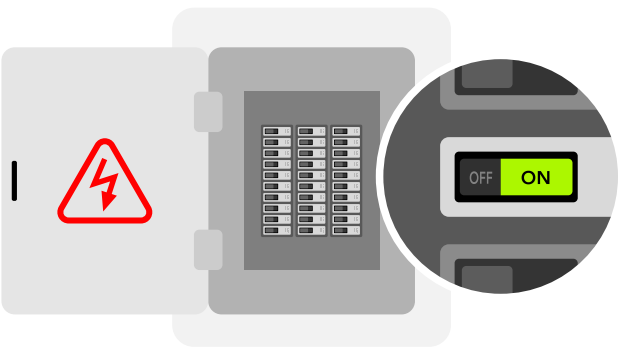
Attach the display

Press the display onto the base until it clicks.



STEP 6

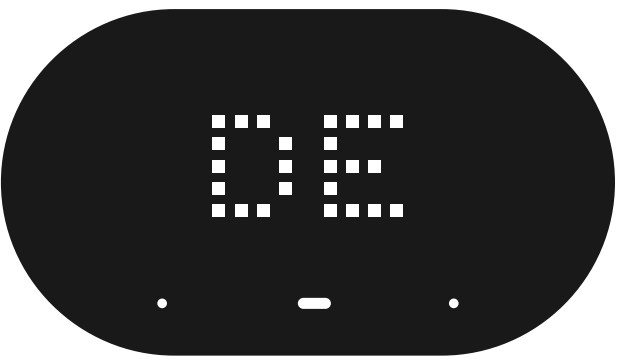
Switch the power back on. Also, ensure that you plug the 24v adapter into the wall socket and power it on.



STEP 7

Complete setup through the app

The Degrii Thermostat will turn on and the app will walk you through completing the setup.

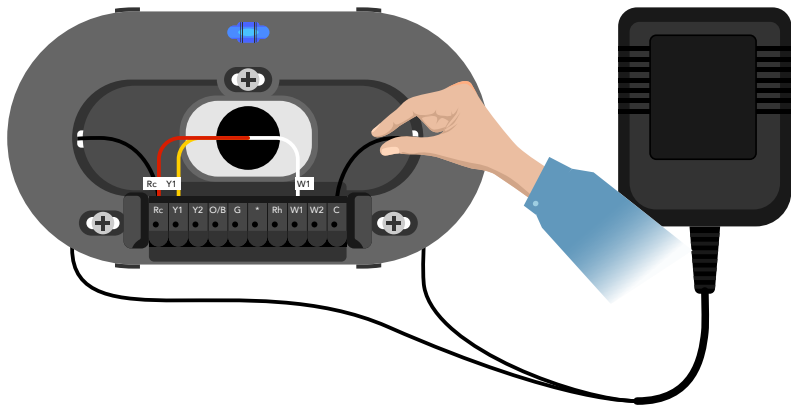


Troubleshooting

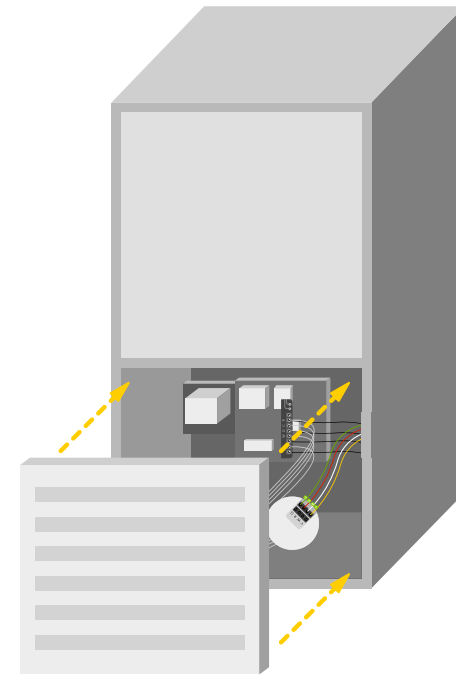
TROUBLESHOOTING

If your Degrii thermostat doesn't turn on, please try these steps:

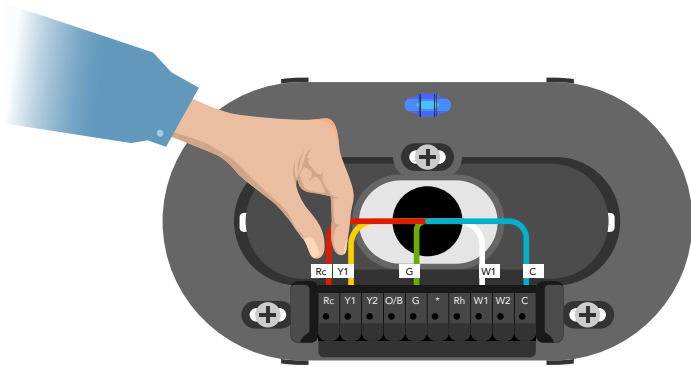
- 1** Check that all wires are properly inserted into the terminal blocks at the thermostat. Tug on the wires to ensure they are not loose.



- 2** Make sure your HVAC cover panel is closed. Some systems will not turn on if the cover panel has not been closed properly.

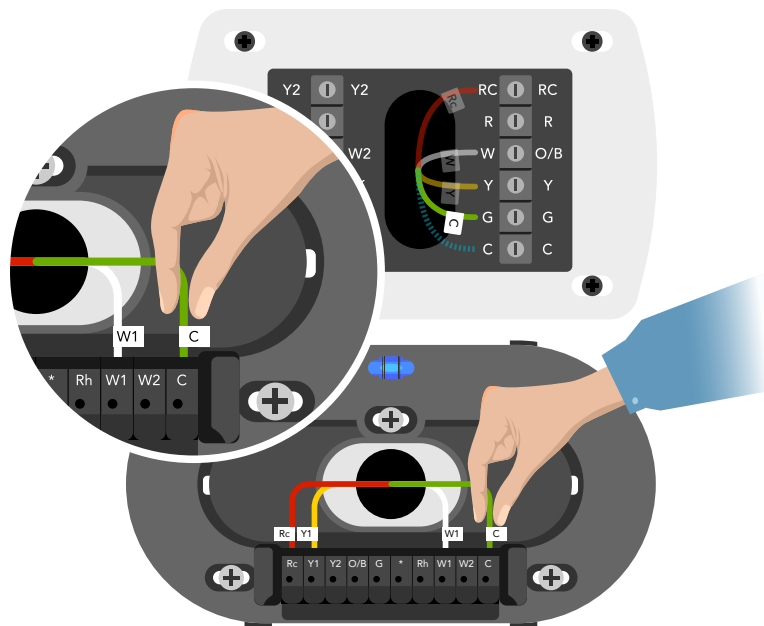


- 3** If you have only one R wire (either R, RC, or RH), make sure it's inserted into the Rc terminal.

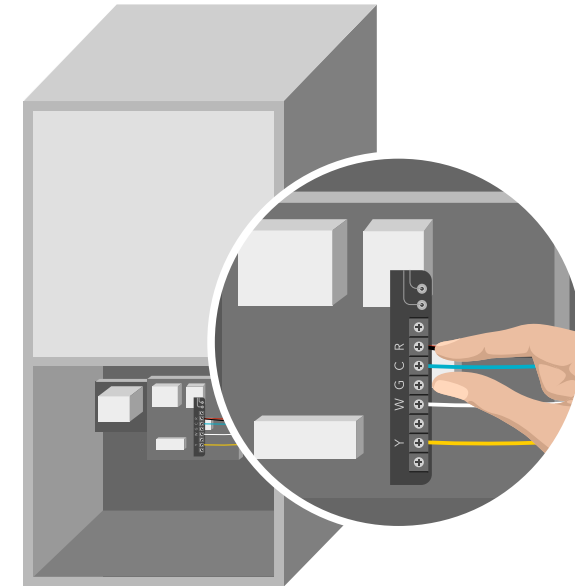


- 4** If you installed the C-Wire Adapter, make sure you inserted the wires into the correct terminals.

The G wire of your previous thermostat is repurposed to C on the Degrii thermostat when the C-Wire Adapter is installed.



- 5** 5. Verify the connection of the C wire to the HVAC control board, ensuring it is properly connected to the designated terminal or nut.



Note: In some cases, even if the C wire is connected to the old thermostat, it may not be connected to the C terminal on the HVAC control board, particularly if the old thermostat operates on battery power.

Warranty

Degrii Inc. Limited Warranty Smart Thermostat

For more information, visit [Degrii.com](https://degrii.com)

Need help? Contact us at <https://degrii.com/pages/support>

THIS LIMITED WARRANTY CONTAINS IMPORTANT INFORMATION ABOUT YOUR RIGHTS AND OBLIGATIONS, AS WELL AS LIMITATIONS AND EXCLUSIONS THAT MAY APPLY TO YOU.

1. WHAT THIS LIMITED WARRANTY COVERS; PERIOD OF COVERAGE

Degrii Inc. , 101 Jefferson Drive, 1st Floor, Menlo Park, CA, 94025, warrants to the owner of the enclosed product that the product contained in this box will be free from defects in materials and workmanship for a period of two (1) year from the date of delivery following the original retail purchase. If the Product fails to conform to this Limited Warranty during the Warranty Period, Degrii Inc. will, at its sole discretion, either (a) repair or replace any defective Product or component; or (b) accept the return of the Product and refund the money actually paid by the original purchaser for the Product. Repair or replacement may be made with a new or refurbished product or components, at Degrii Inc.'s sole discretion. If the Product or a component incorporated within it is no longer available, Degrii Inc. may, at Degrii Inc.'s sole discretion, replace the Product with a similar product of similar function. This is your sole and exclusive remedy for breach of this Limited Warranty. Any Product that has either been repaired or replaced under this Limited Warranty will be covered by the terms of this Limited Warranty for the longer of (a) ninety (90) days from the date of delivery of the repaired Product or replacement Product, or (b) the remaining Warranty Period. This Limited Warranty is not transferable from the original purchaser to subsequent owners.

2. TOTAL SATISFACTION RETURN POLICY

If you are the original purchaser of the Product and you are not satisfied with this Product for any reason, you may return it in its original condition within thirty (30) days of the original purchase and receive a full refund.

3. WARRANTY CONDITIONS; HOW TO GET SERVICE IF YOU WANT TO CLAIM UNDER THIS LIMITED WARRANTY

Before making a claim under this Limited Warranty, the owner of the Product must (a) notify Degrii Inc. of the intention to claim by visiting <https://degrii.com/pages/support> during the Warranty Period and providing a description of the alleged failure, and (b) comply with Degrii Inc. return shipping instructions. Degrii Inc. will have no warranty obligations with respect to a returned Product if it determines, in its reasonable discretion after examination of the returned Product, that the Product is an Ineligible Product (defined below). Degrii Inc. will bear all costs of return shipping to owner and will reimburse any shipping costs incurred by the owner, except with respect to any Ineligible Product, for which owner will bear all shipping costs.

4. WHAT THIS LIMITED WARRANTY DOES NOT COVER

This Limited Warranty does not cover the following (collectively "Ineligible Products"): (i) Products marked as "sample" or "Not for Sale", or sold "AS IS"; (ii) Products that have been subject to: (a) modifications, alterations, tampering, or improper maintenance or repairs; (b) handling, storage, installation, testing, or use not in accordance with the User's Guide or other instructions provided by Degrii Inc.; (c) abuse or misuse of the Product; (d) breakdowns, fluctuations, or interruptions in electric power or the telecommunications network; or (e) Acts of Nature, including but not limited to lightning, flood, tornado, earthquake, or hurricane; or (iii) any non-Degrii Inc. branded hardware products, even if packaged or sold with Degrii Inc. hardware. This Limited Warranty does not cover consumable parts, unless damage is due to defects in materials or workmanship of the Product, or software (even if packaged or sold with the product). Degrii Inc. recommends that you use only authorized service providers for maintenance or repair. Unauthorized use of the Product or software can impair the Product's performance and may invalidate this Limited Warranty.

5. DISCLAIMER OF WARRANTIES

EXCEPT AS STATED ABOVE IN THIS LIMITED WARRANTY, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, DEGR II INC. DISCLAIMS ALL EXPRESS, IMPLIED, AND STATUTORY WARRANTIES AND CONDITIONS WITH RESPECT TO THE PRODUCT, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, DEGR II INC. ALSO LIMITS THE DURATION OF ANY APPLICABLE IMPLIED WARRANTIES OR CONDITIONS TO THE DURATION OF THIS LIMITED WARRANTY.

6. LIMITATION OF DAMAGES

IN ADDITION TO THE ABOVE WARRANTY DISCLAIMERS, IN NO EVENT WILL DEGR II INC. BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, EXEMPLARY, OR SPECIAL DAMAGES, INCLUDING ANY DAMAGES FOR LOST DATA OR LOST PROFITS, ARISING FROM OR RELATING TO THIS LIMITED WARRANTY OR THE PRODUCT,

AND DEGR II INC.'S TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THIS LIMITED WARRANTY OR THE PRODUCT WILL NOT EXCEED THE AMOUNT ACTUALLY PAID FOR THE PRODUCT BY THE ORIGINAL PURCHASER.

7. LIMITATION OF LIABILITY

THE DEGR II INC. ONLINE SERVICES ("SERVICES") PROVIDE YOU INFORMATION ("PRODUCT INFORMATION") REGARDING YOUR DEGR II PRODUCTS OR OTHER PERIPHERALS CONNECTED TO YOUR PRODUCTS ("PRODUCT PERIPHERALS"). THE TYPE OF PRODUCT PERIPHERALS THAT MAY BE CONNECTED TO YOUR PRODUCT MAY CHANGE FROM TIME TO TIME. WITHOUT LIMITING THE GENERALITY OF THE DISCLAIMERS ABOVE, ALL PRODUCT INFORMATION IS PROVIDED FOR YOUR CONVENIENCE, "AS IS", AND "AS AVAILABLE". DEGR II INC. DOES NOT REPRESENT, WARRANT, OR GUARANTEE THAT PRODUCT INFORMATION WILL BE AVAILABLE, ACCURATE, OR RELIABLE OR THAT PRODUCT INFORMATION OR USE OF THE SERVICES OR PRODUCT WILL PROVIDE SAFETY IN YOUR HOME. YOU USE ALL PRODUCT INFORMATION, THE SERVICES, AND THE PRODUCT AT YOUR OWN DISCRETION AND RISK. YOU WILL BE SOLELY RESPONSIBLE FOR (AND DEGR II INC. DISCLAIMS) ANY AND ALL LOSS, LIABILITY, OR DAMAGES, INCLUDING TO YOUR WIRING, FIXTURES, ELECTRICITY, HOME, PRODUCT, PRODUCT PERIPHERALS, COMPUTER, MOBILE DEVICE, AND ALL OTHER ITEMS AND PETS IN YOUR HOME, RESULTING FROM YOUR USE OF THE PRODUCT INFORMATION, SERVICES, OR PRODUCT. PRODUCT INFORMATION PROVIDED BY THE SERVICES IS NOT INTENDED AS A SUBSTITUTE FOR DIRECT MEANS OF OBTAINING THE INFORMATION. FOR EXAMPLE, A NOTIFICATION PROVIDED THROUGH THE SERVICE IS NOT INTENDED AS A SUBSTITUTE FOR AUDIBLE AND VISIBLE INDICATIONS IN THE HOME AND ON THE PRODUCT, NOR FOR A THIRD PARTY MONITORING SERVICE THAT MONITORS ALARM STATE.

8. YOUR RIGHTS AND THIS LIMITED WARRANTY

This Limited Warranty gives you specific legal rights. You may also have other legal rights that vary by state, province, or jurisdiction. Likewise, some of the limitations in this Limited Warranty may not apply in certain states. The terms of this Limited Warranty will apply to the extent permitted by applicable law. For a full description of your legal rights you should refer to the laws applicable in your jurisdiction and you may wish to contact a relevant consumer advisory service.