

GRAINFATHER

# CHEERS, NICE 😊 TO MEET YOU



Fermenter and airlock not included.

**GCA** QUICK START GUIDE

G SERIES

# I'M THE FERMENTATION MIDDLEMAN

GRAINFATHER  
3  
YEAR WARRANTY



# THANK YOU FOR CHOOSING THE GRAINFATHER GCA

Get your equipment ready by following these quick and easy steps.

**NOTE:** These are shortened instructions which show you how to assemble the product and set up wireless control. The full online instructions provide more detail on how to use your GCA: [www.grainfather.com/instructions](http://www.grainfather.com/instructions)

## SAFETY INFORMATION

1. Read all instructions before use.
2. Only power the appliance with a Grainfather Glycol Chiller.
3. Do not use the appliance for any purpose other than the intended use.
4. Do not let the cord hang over the edge of a table or touch a hot surface.
5. Do not use the appliance if the cord or connector is damaged. Return appliance to your nearest retail service provider for examination, repair, or adjustment.
6. Do not place the appliance on or near a hot gas or electric burner, or a heated oven.
7. Always ensure that the heating pad is properly adhered to the fermenter. If it is loose, it may overheat and become dangerous.
8. Do not let the heating pad contact skin. Scalding may occur.
9. Do not immerse cords, connectors or the heating pad in water or other liquid.
10. If the appliance malfunctions, contact your retailer or the Grainfather Customer Service team.
11. Children should be supervised to ensure that they do not play with the appliance.

**NOTE:** Not following the safety information above could result in serious injuries and may void your warranty.

# ANATOMY

## DIAGRAM

### & PARTS LIST



Fermenter and airlock not included.

# COMPATIBILITY OF THE **GCA**

## PRODUCT

The Grainfather Glycol Chiller Adapter (**GCA**) is designed to be used with the Grainfather Glycol Chiller. It allows you to connect the Glycol Chiller to most other fermenters in the marketplace for accurate fermentation temperature control. Plus, with wireless connectivity, it's also compatible with the free Grainfather App.

## HEATING

We recommend using the **GCA Heating Pad (4)**, however other heaters that have the following specifications may also be compatible:

- 12V • Max 30W
- DC plug (5.5 mm OD (outer diameter) x 2.5 mm ID (inner diameter), plug length 11.5 mm)

## COOLING

We recommend using the 5m **GCA Cooling Coil (2)** (outer diameter 9mm to fit the Glycol Chiller hoses). Any fermenter lid that has a 1.5" ferrule is compatible, or if practical, you can drill or cut a 35mm hole in the lid. If your fermenter already has cooling capability such as a mounted immersion coil on the inside, then simply connect the hoses to your fermenter's cooling solution.

## **GCA ASSEMBLY**

1. Connect the temperature probe (3), heating pad and power cord (6) to the **GCA** as per the diagram below.



Temperature probe Heating pad Power cord

2. Take the other end of the power cord and connect it to the desired channel on the Glycol Chiller.

**NOTE:** For more information on how to navigate the **GCA** interface, please see the full instructions online: [www.grainfather.com/instructions](http://www.grainfather.com/instructions)

## TEMPERATURE PROBE SETUP

1. Attach the temperature probe to the middle of your fermenter using electrical tape. For accurate readings, we recommend adding some insulating material over the probe (like neoprene or bubble wrap), or installing the Grainfather Thermowell (sold separately) onto your fermenter.

**NOTE:** Do not submerge the temperature probe in your wort as it is not waterproof.

## COOLING COIL SETUP

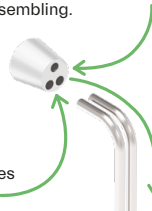
1. Due to the manufacturing process, it is important to clean the cooling coil prior to use. Although the internal part of the coil will not come into contact with your wort, we recommend running a cleaning solution through the coil to remove any remaining manufacturing oils.

2. Sanitise the cooling coil and rubber bung (1).

3. Once clean, insert the top of the coil through the 1.5" ferrule (or drilled/cut hole) on your fermenter lid. Then complete the assembly by inserting the rubber bung as per the diagram below.

**NOTE:** We recommend wetting the bung to reduce friction while assembling.

Single hole is for the airlock



Two bottom holes are for the coil

Slide bung around the bend of the coil

4. Secure the coil onto the lid by pushing the rubber bung into the 1.5" ferrule. You can now fit these onto your fermenter.

5. Push the clamps onto the hoses (5) and connect the hoses to the pipes of the cooling coil so there is about 1cm of overlap. Use a screwdriver to tighten the clamps on the overlapped section.

6. Connect the other ends of the hoses to the channel of the Glycol Chiller that your **GCA** is connected to.



## HEATING PAD SETUP

1. Attach the two hook and loop tape strips to the two hook and loop tape regions on the pad.
2. Remove the protective film from the back of the hook and loop tape strips and firmly attach the pad to the desired (clean and dry) location on the fermenter. It doesn't matter if the cord points up or down.



## HOW TO USE THE GCA

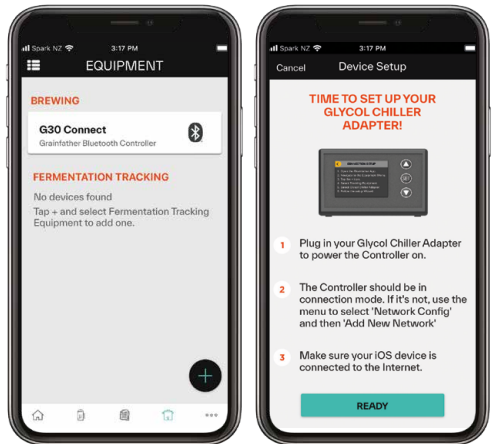
- Fill your fermenter with your wort.  
**NOTE:** Ensure that the wort covers the cooling coil.
- Secure the lid and ensure that the rubber bung and airlock are still tightly in place.
- Ensure that the GCA is turned on and connect it to the Grainfather App as per the instructions below.  
**NOTE:** For more information on how to use the GCA, please see the full instructions online: [www.grainfather.com/instructions](http://www.grainfather.com/instructions)

## WIRELESS CONTROL & APP INTEGRATION



## CONNECTING THE GCA TO THE APP

1. When you first turn on the GCA, you will be greeted with the connection setup screen. If you do not see this screen, then you can press the 'set' button on the controller and go to Network Config > Add New Network. Once on the connection setup screen, you will need to open the Grainfather App on your mobile device.
2. Within the app, navigate to the equipment screen. The equipment screen shows all the brewing and fermenting equipment that you have already set up on your account.
3. To add a new device, tap on the '+' icon on the bottom right of the screen and select 'fermentation tracking equipment'.
4. Select 'Grainfather Glycol Chiller Adapter' on the list of equipment and once on the device setup screen, tap 'ready'.
5. Depending on your mobile device, you may be asked to approve certain permission(s) required to connect with the GCA. Accept all requests.



**NOTE:** The following steps vary for Android and iOS users. Please follow the relevant steps for your mobile device.

### ANDROID

6. If setting up the GCA via an Android device, choose your controller in the list. See step 8 next.

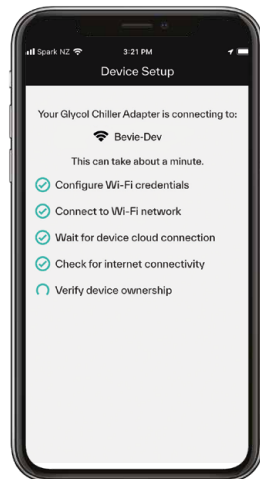


### iOS

7. If setting up using an iOS mobile device, follow the instructions on the screen and connect your mobile device to the GCA. Once the connection is established, you will receive a notification on your mobile device. Tap the notification to return to the Grainfather App. You will automatically return to the device setup screen.



8. After your phone has successfully connected to the GCA (Android and iOS), select your wireless network from the list and enter in your network password and then tap 'connect'. Once completed, your GCA is connected to the internet.



# ADVICE FOR CLEANING & STORAGE

- Cooling coil: We recommend using the Grainfather High Performance Cleaner to clean your equipment. Follow the instructions on the packaging for how to use. If using another cleaner, please ensure that it is suitable for cleaning stainless steel equipment.
- Heating pad: Simply wipe clean with a damp cloth.
- GCA: If necessary, wipe with a damp cloth but avoid contact with any electrical connections.
- The rubber bung stoppers can be inserted into the coil inlet and outlet, and the hoses, when not in use.  
**NOTE:** To ensure that these are effective, you'll need to use some force when pushing the bungs into the coil/hoses.
- Once you have cleaned your equipment, dry, reassemble and store.

# IMPORTANT SAFEGUARDS

## READ AND FOLLOW ALL INSTRUCTIONS

**CAUTION** - Risk of fires and electric shock.  
- Do not immerse in water.

## SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

## FOR HOUSEHOLD AND INDOOR USE ONLY

This device complies with Industry Canada license-exempt RSS standard(s) and FCC part 15. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence ainsi qu'à la section 15 du règlement FCC. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**IC Radiation Exposure Statement:** This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**Déclaration d'exposition aux radiations:** Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.



### WARNING AVERTISSEMENT

RISK OF ELECTRIC SHOCK - DO NOT OPEN.  
RISQUE DE CHOC ÉLECTRIQUE. NE PAS OUVRIR.



SCAN AND  
EXPLORE THE **FREE**  
GRAINFATHER APP

**RESOURCES:** Check out our YouTube Channel for helpful videos. For more information, visit our Help Centre: [help.grainfather.com](https://help.grainfather.com)

### GET IN TOUCH ONLINE:

[help.grainfather.com/hc/en-us/requests/new](https://help.grainfather.com/hc/en-us/requests/new)

