EINBREW 4F FREQUENTLY ASKED QUESTIONS

What happens if the power goes off in the middle of a brew?

Once power is restored, you can **Start** the necessary Controllers again and use the Edit Step menu option to adjust the times accordingly, letting you get back on track!

It seems to take a long time to heat/cool to my required step temperatures!

It's normal to take some time to reach your required temperatures because of the size of the volume of wort – ultimately this will depend on the size of the tanks and the power rating of your heating/cooling systems! Other factors such as the ambient temperature, insulation jackets and whether you've kept the vessel sealed will also affect this.

I don't need to define all 3 fermentation steps in my recipe – what do I do?

If you don't need to use one of the fermentation steps in a recipe, just set its time to below 0 minutes - Off will then be displayed. It'll be ignored when it comes to brewing time! You can use 1, 2, or 3 steps as you wish. If you set the step time to 0 minutes, it'll heat up to the temperature specified, and will then immediately move to the next step.

I'd like to upgrade my EINBREW 4F system by fitting a bigger pump/cooler/element – can I do this?

EINBREW 4F is designed to be a modular controller, so it's easy to swap out things to give you more power where you need it! The only thing you have to ensure is that the power consumption of the new part doesn't exceed the levels specified in the Technical Specifications section of the User Instructions, or exceed your incoming supply feed.

If I disconnect the power, will EINBREW 4F remember my settings?

Yes, all settings and recipe will be retained after a power down or reset. Any times/temperatures you've changed whilst running a recipe may not have been saved, however.

I've noticed some damage on my EINBREW 4F system or power cable – should I keep using it?

No, disconnect it immediately (if safe to do so) and contact Support for assistance. Please ensure you inspect your system before every use.

I had an accident and spilled water/wort down the outside/inside of EINBREW 4F. What should I do?

Firstly, ensure that you disconnect EINBREW 4F's power supply immediately. EINBREW 4F is partially water resistant but not waterproof, so any liquid ingress could be dangerous. We would strongly recommend contacting support before using the controller again – it may be necessary to return it for inspection. We would also reiterate that EINBREW 4F must be used in conjunction with a suitable RCD/GFCI/RCBO device for safety reasons.

I get a strong electrical shock when touching EINBREW 4F. Is this normal?

No, this should not occur. Please disconnect EINBREW 4F immediately and contact Support. Occasionally in household environments you may encounter a static electrical discharge when touching an earthed metal object (e.g. like a radiator, and EINBREW 4F), however anything beyond this is abnormal.

My Wort Temperature is 0.1C higher/lower than it should be – how do I fix this?

This is normal – keeping a temperature exactly on the set point to that level of precision does not typically occur. Small variations in temperature (e.g. less than 1°C) are nothing to worry about and will not affect your wort. This is also well within the measurement error of the temperature sensor.

The Temperature displayed doesn't match what my Thermapen/Thermometer/Measurement Device shows?

It's normal that there will be variation in temperature readings – firstly because of the different measurement point and secondly because of the different specifications of each measurement probe – each will have an absolute and relative error that will cause variations in readings. If this bothers you, you can adjust the **TOffset** value in **Settings** for each Controller so that they match, however it's more likely that the precision PT100 probes our controller utilises will be the most accurate values available.

Where should I mount the 4F?

EINBREW 4F is designed to be wall mounted vertically. Normally you'd place it so that you can see and use it comfortably. Other positions are not recommended.

Can I go and do something else while I'm waiting for the EINBREW 4F to finish?

The EINBREW 4F itself is safe for unattended operation, however ultimately the risk of running unattended will depend on how you have designed and configured your brewing system. If you are unsure you should have your system reviewed by a local expert.

Is there a way to configure Recipe Values and Settings faster?

In most time and temperature related settings, if you press and hold the **Left** button it'll set the current parameter to the lowest permitted value, and if you press and hold the **Right** button it'll set it to the highest permitted value.

How do I get into the Settings menu?

Ensure the system is stopped/in standby mode, press the **OK** button to bring up the menu, then use the buttons to select the **Settings** menu option. See the User Instructions for more information.

I don't see Settings for the other controllers in the one I'm looking at?

That's correct – many **Settings** are only available in the appropriate Controller's menu, you have to select it first. For example, settings for T1 are available in the T1 menu only.

Can I control more than one fermentation tank at a time?

Yes, that's exactly what the 4F is designed to do! You can run up to 4 tanks independently of each other.

Is there a Cleaning Cycle that can be run on the controller?

As most fermentation tanks will only be fitted with lower power heating systems compared to the volume of wort being maintained – or indeed no heating system at all – we do not provide any Cleaning Cycles, as most systems will be incapable of heating up liquid to the temperatures required.

I already have 3-wire PT100 probes in my fermentation system – can I use them instead of putting in new ones?

Yes – you can find the necessary wiring diagram for the Redel-4 plugs we use in the User Instructions. If you can't find any yourself we can supply them for you, please just ask. Please also refer to the User Instructions for information about where to fit each probe in your vessels!

I've made a mistake while configuring my Tank Setup – can I change it?

Yes! Just select the **Settings->Edit TankSet…** menu option on a Tank that is in **Stop/Standby** mode.

I can't select all 4 Tanks in the controller – what's going on?

This is probably because you haven't configured all 4 tanks – only ones that have been setup to either Heat or Cool will be selectable for display. You can run Tank Setup again to change this!

My system seems to be either heating or cooling all the time – how do I fix it?

This is probably because you need to increase the Temperature Dead Band, or decrease the Minimum Heat/Cool/Off anti-cycle values in **Settings**. It may also be due to suboptimal positioning of your temperature sensors.

My system should be heating/cooling but isn't – what's wrong?

Ensure that you've connected the heating/cooling system to the controller outputs correctly. Then, check on the controller display for that Tank to ensure that the heating/cooling icon isn't flashing – if it is, that means the controller is obeying anti-cycling settings before activating. Also make sure you've started the control sequence!