

Grainfather ASM-ONI-XUC

Grainfather Connect Complete All-In-One Home Beer Brewing System User Manual

Brand: Grainfather | Model: ASM-ONI-XUC

1. PRODUCT OVERVIEW

The Grainfather Connect is an integrated home beer brewing system crafted from high-quality 304-grade stainless steel, designed for efficient indoor brewing. It features an 8-gallon capacity, suitable for producing up to 6 gallons of beer per brew session.

Key components and features include:

- **Electric Heating Element:** Electronically controlled for precise temperature management, minimizing scorching and allowing for rapid heating when required.
- **Connect Control Box:** Integrates with the Grainfather Connect App via Bluetooth for remote control and recipe synchronization with the Grainfather Brewing Community. Features a waterproof digital display for temperature in Celsius and Fahrenheit.
- **Magnetic Pump:** A 6 Watt, 1,800 RPM pump facilitates wort recirculation for optimal brewing efficiencies and assists in the cleaning process.
- **Grain Basket:** Expandable stainless steel design accommodates 9.9 lb to 20 lb of grain.
- **Counter-Flow Wort Chiller:** Designed to reduce the risk of contamination during the cooling stage.



Figure 1: The Grainfather Connect All-In-One Home Beer Brewing System, showing the main unit and the counter-flow wort chiller.

2. SETUP

Before initial use, ensure all components are present and free from damage. It is crucial to remove the yellow packaging strip located inside the boiler before beginning any brewing operations.

2.1 Component Identification

Familiarize yourself with the various parts of your Grainfather system:

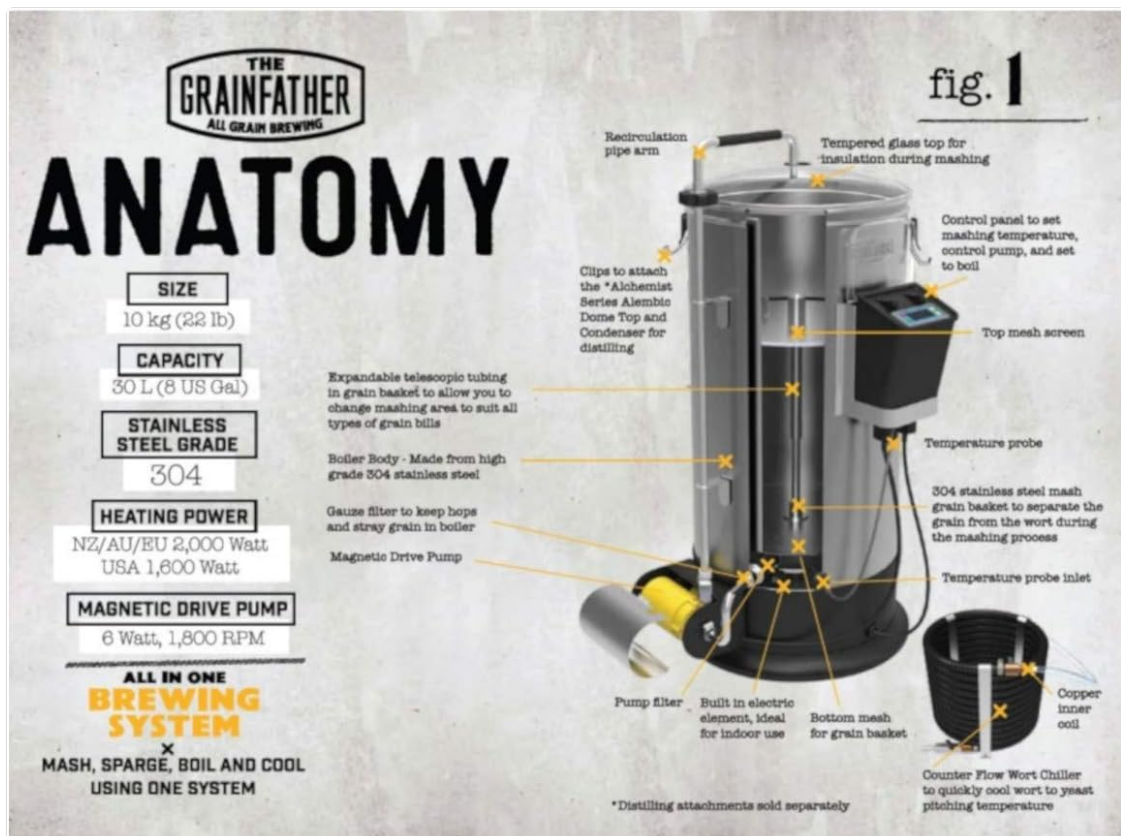


Figure 2: Detailed anatomy of the Grainfather Connect, illustrating key components such as the recirculation pipe arm, control panel, temperature probe, grain basket, pump filter, and counter-flow wort chiller.

2.2 Initial Assembly

1. Place the Grainfather on a stable, level surface.
2. Connect the recirculation pipe arm and temperature probe as indicated in the anatomy diagram.
3. Ensure the control box is securely attached to the main unit.
4. Connect the power cable to a suitable electrical outlet. The system is electrically powered and designed for indoor use.



Figure 3: Close-up view of the Connect Control Box, showing the digital display and control buttons for heat and pump functions.

3. OPERATING INSTRUCTIONS

The Grainfather Connect system simplifies the all-grain brewing process. Follow these general steps for operation:

3.1 Mashing

1. Fill the Grainfather with the required volume of water.
2. Use the Connect Control Box or the Connect App to set your desired mash temperature. The electric heating element will bring the water to temperature.
3. Once the target temperature is reached, add your milled grains into the grain basket.
4. Engage the pump to begin recirculating the wort through the grain bed, ensuring efficient sugar extraction.



Figure 4: Interior view of the Grainfather, showing the grain basket in place and the recirculation arm returning wort to the top of the grain bed.

3.2 Sparging and Boiling

1. After mashing, lift the grain basket and allow the wort to drain into the main boiler.
2. Remove the grain basket.
3. Increase the temperature setting on the control box to bring the wort to a rolling boil.
4. Add hops and other boil additions according to your recipe.

3.3 Cooling

1. Once the boil is complete, connect the counter-flow wort chiller.
2. Circulate the hot wort through the chiller using the integrated pump, while simultaneously running cold water through the chiller's cooling coil. This rapidly cools the wort to pitching temperature.

For detailed step-by-step instructions and recipe management, utilize the Grainfather Connect App. The Bluetooth connectivity allows you to monitor and control your brew remotely, receiving alerts for the next steps in your brewing process.

4. MAINTENANCE

Proper maintenance ensures the longevity and performance of your Grainfather Connect system.

4.1 Cleaning

The integrated pump simplifies the cleaning process. After each use:

1. Rinse all components with warm water to remove large debris.
2. Prepare a cleaning solution (e.g., a brewing specific cleaner) in the boiler.
3. Use the pump to circulate the cleaning detergent through all internal pipework and components.
4. Thoroughly rinse all parts with clean water.
5. Allow all components to air dry completely before storage.

Regular cleaning prevents buildup and ensures sanitary brewing conditions.

5. TROUBLESHOOTING

Should you encounter any issues during operation, consider the following general advice:

- **Temperature Inaccuracy:** Ensure the temperature probe is correctly inserted and clean.
- **Pump Issues:** Check for any blockages in the pump filter or hoses. Ensure the pump is properly primed.
- **App Connectivity:** Verify Bluetooth is enabled on your mobile device and the Grainfather is within range. Restarting both the app and the control box can often resolve connection problems.
- **Heating Problems:** Confirm the unit is properly plugged in and the heating element is engaged via the control box.

For persistent issues or specific technical inquiries, please refer to the support section for contact information.

6. SPECIFICATIONS

Feature	Detail
Brand	Grainfather
Model Number	ASM-ONI-XUC
Capacity	8 gallons (designed for up to 6 gallons of beer)
Material	304 Grade Stainless Steel
Heating Element	Electric, Electronically Controlled
Pump	6 Watt, 1,800 RPM Magnetic Pump
Control Interface	Connect Control Box with Bluetooth, Waterproof Digital Display
Dimensions	20 x 30 x 18 inches
Item Weight	37 pounds
UPC	640793884205, 640793887046, 714343960494, 640793884199, 640793884175, 640793884182

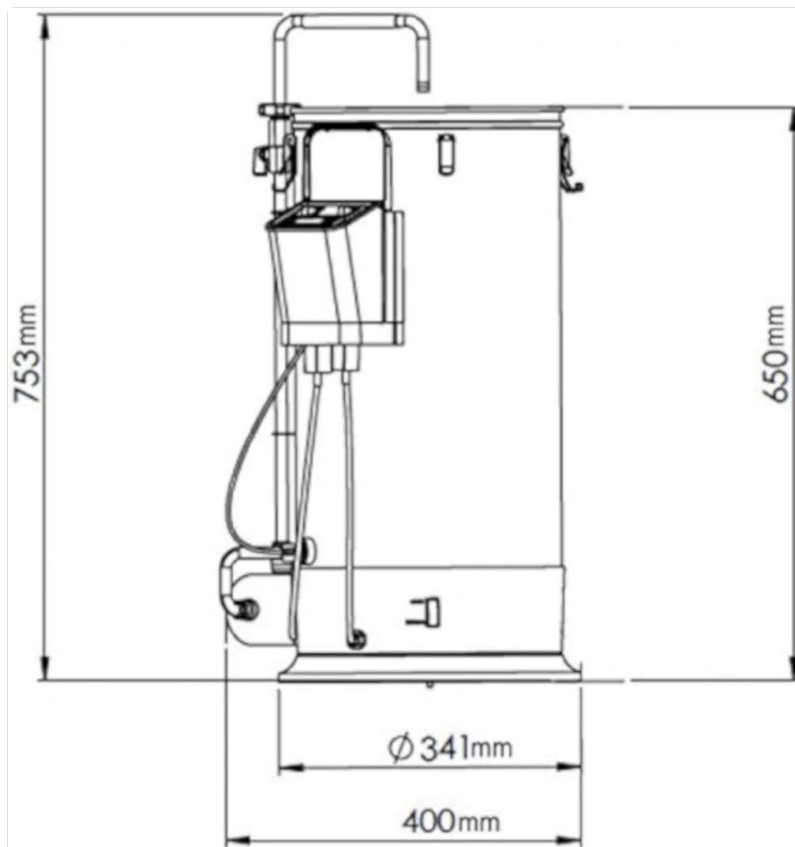


Figure 5: Dimensional drawing of the Grainfather Connect, showing height and diameter measurements.

7. WARRANTY AND SUPPORT

All Grainfather units come with a **24-month warranty** from the manufacturer. This warranty covers defects in materials and workmanship under normal use.

The Grainfather is supported globally by a dedicated support team. For any technical inquiries regarding brewing, operation of the Grainfather, or general customer service, please contact the official Grainfather support channels. Information on how to reach support is typically available on the manufacturer's official website or through the Grainfather Connect App.

Note: Please ensure the yellow packaging strip in the boiler is discarded before you begin brewing, as mentioned in the setup section. Failure to do so may affect operation and could void warranty.