

CATER-BREW

CATER-BREW CK0233 AUTOMATIC-WATER BOILER USER MANUAL

*Please read this manual carefully prior to use
& keep it in a convenient place for future reference.*



CATER-KWIK

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Contents

Thank you for purchasing the Cater-Brew CK0233 compact water boiler. In order to ensure safe operation, you are advised to read to this manual carefully to fully understand the features, installation & operational details of this equipment.

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Technical Specification



Model	Power	Voltage/Frequency	Dimensions			Water Level
			Width (mm)	Depth (mm)	Height (mm)	Control mode
CK0233	3kw	240V/50HZ	282	415	600	Probe



Installation & Operation

Installation

1. Please ensure the boiler is installed on a level surface with proper ventilation, at least 80mm away from non-combustible surfaces to the sides of the unit and at least 150mm away at the rear.
2. In hard water areas appropriate water filtration must be installed. If in doubt, please call our sales team on 01229 480001 for guidance.
3. The foodsafe hose inlet is located on the rear of the water boiler. The water inlet connector is a standard 3/4" BSP fitting .
Notice: DO NOT use pure water or distilled water. Use only standard tap water.
4. Connect the Boiler to the power supply using the provided 230V/13A plug.
5. If the boiler is to be left for a long period of time unused, please unplug the unit from the power supply.

Operation

1. Connect the water inlet hose to the water supply and to the rear of the boiler, ensure that the water supply is turned on.
2. Connect the 13A plug into the power supply, the boiler's power light should come on and the unit should fill with water automatically.
3. Use a screwdriver to loosen the water drainage bolt during cleaning. The steam valve is for adjusting inner steam pressure & draining overfilled water during malfunction, it is set to "open" by default.

Notice: Do not block the steam valve.

The steam valve is to avoid accident in case of malfunction.

Maintenance

Maintenance & Safety

1. **Check the equipment regularly. Minimum every 3 months.**
2. Check the water source, water quality and inlet hose periodically. In hard water areas appropriate water filtration must be installed call 01229 480001 for more information.
3. Regularly check the unit for lime scale build up.
4. Unplug the water boiler from the power supply before cleaning. Keep the water boiler clean, use either a wet towel or cleaning wipe. Never use a water hose directly to clean equipment. Do not allow water to have contact with the wiring, plug, inner components, etc. This may lead to malfunction and endanger user safety.
5. Check that the power connection is secure and fully inserted into the socket.
6. All users must be competent and abide by local electrical safety regulations. Before this equipment leaves the factory, every part has been inspected for quality.
7. This equipment is designed for boiling water. The warranty is voided if this equipment is used for other applications.
8. All safety devices & removable parts should be tested on site by authorized personnel before use, Maintenance should be carried out after the power has been disconnected.
9. In the event of a malfunction, disconnect power immediately & call our service team on 01229 480001.

Warranty

Terms of the warranty are specified at point of sale.

Any applicable warranty is voided if.

1. The boiler is used for any other application.
2. The boiler is not installed or maintained properly.
3. The boiler has continued to be used following malfunction or damage.
4. Parts have been changed without prior approval from manufacturer or authorized maintenance engineers.
5. Damage or malfunction due to localised incidental or accidental damage, flooding, lightning strike or power surge.

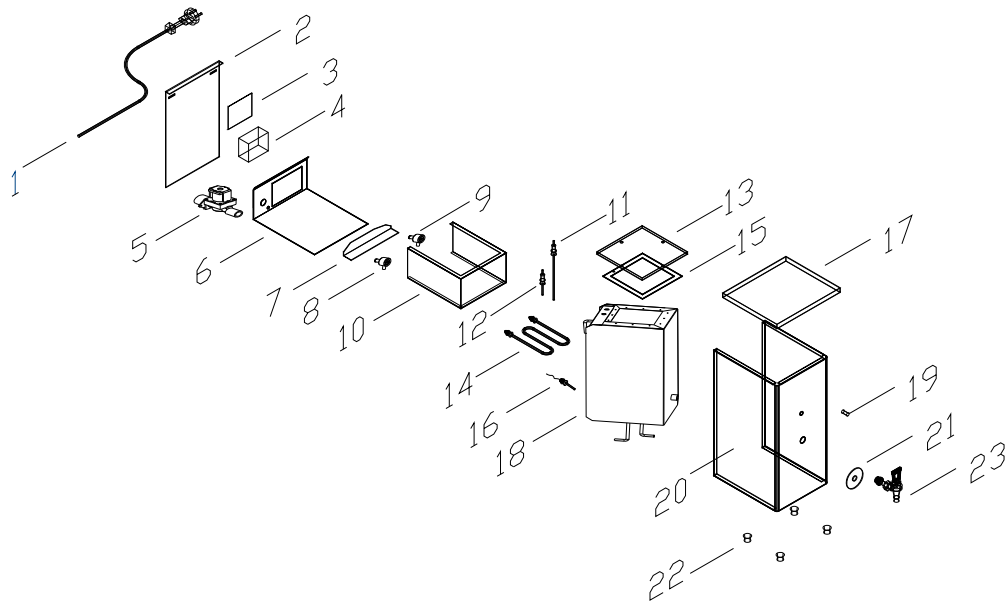
Troubleshooting

Symptoms	Cause	Solution
Water boiler will not take in any water.	Power Disconnected.	Check power switch & circuit.
	Water supply is turned off.	Make sure the water supply is turned on.
	Electromagnetism valve is damaged or blocked	Please call our service team on 01229 480001.
	PCB Damaged.	Please call our service team on 01229 480001.
	Faulty water level sensor.	Please call our service team on 01229 480001.
	Faulty temperature sensor.	Please call our service team on 01229 480001.
Water level is not being controlled.	Water level sensor is damaged.	Please call our service team on 01229 480001.
	Signal wire of water level probe is loose.	Tighten the signal wire.
	Faulty temperature sensor.	Please call our service team on 01229 480001.
	Faulty PCB	Please call our service team on 01229 480001.
Power light is not on.	Faulty power light.	Change power light.
	Loose power cable	Check power switch and circuit.
Water is not heating up.	Heating element damaged.	Please call our service team on 01229 480001.
	Faulty PCB	Please call our service team on 01229 480001.
	Faulty temperature sensor.	Please call our service team on 01229 480001.

IMPORTANT!

1. ALL maintenance must be carried out by by authorized, trained and competent engineers.
2. Check the equipment regularly. Minimum every 3 months.

Exploded View



Serial No.	Description	P/N	QTY	Serial No.	Description	P/N	QTY
1	Power Supply wire	N/A	1	13	Water Box Cover	N/A	1
2	Back guard	N/A	1	14	Heating Element	CKP0006	1
3	Maintenance Door	N/A	1	15	Airproof Mat	N/A	1
4	PCB Board	CKP0007	1	16	Temperature Probe	CKP0002	1
5	Electromagnetic Valve Assembly	CKP0005	1	17	Top Cover	N/A	1
6	Bottom Plate	N/A	1	18	Inner Tank	N/A	1
7	Connection Reinforcer	N/A	1	19	Power Light	N/A	1
8	Steam Valve	N/A	1	20	Outer Casing	N/A	1
9	Drain Valve	N/A	1	21	Tap Fascia	CKP0001	1
10	Inner Lower Closure	N/A	1	22	Plastic foot	N/A	4
11	High Water level Probe	CKP0004	1	23	Tap	CK13001	1
12	Low Water level Probe	CKP0005	1				

Circuit Diagram

