

Reliable 5100CJ

Reliable 5100CJ Stainless-Steel Jewelry Steam Cleaner User Manual

Model: 5100CJ

1. IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always unplug the appliance from the electrical outlet when not in use and before cleaning.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner.
- Do not use outdoors.
- Do not allow the power cord to touch hot surfaces.
- Do not immerse the appliance in water or other liquids.
- Use only distilled water in the boiler.
- Never open the safety cap while the unit is pressurized or hot.
- Keep children and pets away from the appliance during operation.
- This appliance is for household and light commercial use only.

2. PRODUCT OVERVIEW

The Reliable 5100CJ is a stainless-steel jewelry steam cleaner designed for effective cleaning of jewelry and other small items. It features a durable stainless steel tank, an external heating element, and multiple safety systems to ensure reliable operation. The unit includes an Eco Mode for energy saving and a pressure gauge for monitoring steam pressure.



Image: Front view of the Reliable 5100CJ Stainless-Steel Jewelry Steam Cleaner, showing the pressure gauge, steam nozzle, and foot pedal.

Key Features:

- **Thicker Stainless Steel Tank:** 2.2L boiler for enhanced durability and dry steam production.
- **External Heating Element:** Improves steam performance and boiler lifespan.
- **4 Safety Systems:** Includes pressure switch, thermostat protection, safety cap with safety valve, and low water indicator.
- **Pressure Gauge:** Provides a constant visual indication of internal boiler pressure.
- **Operating Pressure:** Consistent 3.5 BAR (50 PSI) high-pressure steam.
- **External Solenoid Valve:** Allows manual adjustment of steam output for precise control.
- **Eco Mode:** Energy-saving mode that maintains a standby pressure of 2 bars (29 psi).

3. COMPONENTS INCLUDED

The following items are included with your Reliable 5100CJ Steam Cleaner:

- Reliable 5100CJ Steam Cleaner Unit
- Funnel
- Water Level Measuring Stick

- Foot Pedal (pre-attached)



Image: Included accessories: a blue funnel and a clear water level measuring stick.

4. SETUP INSTRUCTIONS

1. **Placement:** Place the steam cleaner on a stable, level, heat-resistant surface. Ensure adequate ventilation around the unit.
2. **Filling the Boiler:**
 - Ensure the unit is unplugged and completely cool.
 - Unscrew the safety cap counter-clockwise and remove it.
 - Using the provided funnel, carefully pour distilled water into the boiler opening. Do not overfill. Use the water level measuring stick to ensure the water level is appropriate (typically up to the maximum fill line indicated on the stick or in the boiler). The boiler capacity is 2.2 liters.
 - Securely replace the safety cap by screwing it clockwise until tight.
3. **Power Connection:** Plug the power cord into a grounded 120V electrical outlet.



Image: Top view of the steam cleaner with the safety cap removed, showing the opening for water filling.

5. OPERATING INSTRUCTIONS

1. **Power On:** Flip the "Boiler" switch to the "On" position. The unit will begin heating the water.
2. **Heating Time:** Allow 15-20 minutes for the unit to reach operating pressure. The pressure gauge will indicate the internal boiler pressure. The maximum operating pressure is 50 PSI (3.5 Bar).
3. **Eco Mode (Optional):** To save energy, you can switch the "Boiler" switch to "Eco" mode. In this mode, the boiler maintains a standby pressure of 2 bars (29 psi). When ready to use steam, switch back to "On" for 1-2 minutes to reach full pressure. **Note:** Do not attempt to use steam in Eco Mode for cleaning, as it will not produce dry steam.
4. **Activating Steam:** Once the desired pressure is reached (indicated on the pressure gauge), press the foot pedal to release steam from the steam nozzle.
5. **Steam Control:** The external solenoid valve allows for manual adjustment of steam output. Turn the variable steam dial to control the intensity of the steam.
6. **Cleaning:** Direct the steam nozzle towards the item to be cleaned. Use caution as steam is hot and can cause burns.
7. **Low Water Indicator:** If the low water indicator light illuminates, the unit will automatically shut off. Turn off the unit, unplug it, and allow it to cool before refilling with distilled water.

8. **Power Off:** After use, flip the "Boiler" switch to "Off" and unplug the unit from the electrical outlet.



Image: Side view of the steam cleaner showing the "Boiler" switch with On/Off/Eco settings and the "Steam" power button.



Image: Close-up of the pressure gauge, displaying pressure in PSI and Bar.



Image: Close-up of the foot pedal used to activate steam.

6. MAINTENANCE

6.1. Emptying the Water

To empty the water from the boiler:

1. Turn the boiler off and unplug the unit.
2. Allow the unit to cool completely. This is crucial to prevent burns from hot water or steam.
3. Carefully remove the pressure safety cap.
4. Tip the unit upside down over a sink or bucket to drain all remaining water.
5. Replace the safety cap securely.



Image: Close-up of the safety cap, which must be removed to fill or empty the boiler.

6.2. General Care

- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners.
- Regularly check the power cord for any signs of damage.
- Always use distilled water to prevent mineral buildup in the boiler, which can affect performance and lifespan.

7. TROUBLESHOOTING

Q: The low water level warning light is on, and the unit shut off.

A: This is a safety feature. Turn off and unplug the unit. Allow it to cool completely, then refill the boiler with distilled water as per the setup instructions. Ensure the safety cap is securely fastened before restarting.

Q: The unit is not producing steam or steam pressure is low.

A:

- Check if the unit has reached full operating pressure (50 PSI / 3.5 Bar) on the pressure gauge. Allow sufficient heating time (15-20 minutes).
- Ensure the "Boiler" switch is in the "On" position, not "Eco" mode, for full steam production.
- Verify that the boiler contains enough water. If the low water indicator is on, refill the unit.

- Check if the foot pedal is fully pressed.

Q: What is the difference between the 4100CJ and 5100CJ models?













A: The 5100CJ model includes a pressure gauge, a variable steam dial, and a foot pedal for steam activation. The 4100CJ does not have a pressure gauge, and steam is activated by a hand switch on the side of the unit.

8. SPECIFICATIONS

| Feature | Detail |
|--------------------------------|--|
| Model Name | 5100CJ |
| Brand | Reliable |
| Tank Volume | 2.2 Liters |
| Nominal Water Capacity | 1.9 Liters |
| Operating Pressure | 50 PSI (3.5 Bar) |
| Heating Element Power | 1000W |
| Voltage | 120V |
| Current Draw | 8 Amps |
| Heat-up Time | 15-20 minutes |
| Continuous Steam Duration | Up to 4 hours |
| Product Dimensions (D x W x H) | 10"D x 8"W x 12.25"H |
| Item Weight | 16.22 pounds |
| Certifications | Intertek certified to UL and CSA standards |

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Reliable website or contact their customer service. Keep your purchase receipt for warranty claims.
For additional resources, you may visit the [Reliable Store on Amazon](#).

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|   | <p>Reliable Brio Pro 1000CC Steam Cleaning System Instruction Manual</p> <p>User manual for the Reliable Brio Pro 1000CC Steam Cleaning System. Covers safety instructions, operating procedures, accessory usage, maintenance, troubleshooting, and technical specifications for effective steam cleaning.</p> |
|   | <p>Reliable Pronto Plus 300CS Portable Steam Cleaner Instruction Manual</p> <p>Comprehensive instruction manual for the Reliable Pronto Plus 300CS portable steam cleaning system with mop, detailing setup, usage, safety, maintenance, and warranty.</p> |
|   | <p>Reliable 5000 Series Professional Steam Station Instruction Manual</p> <p>Comprehensive instruction manual for the Reliable 5000 Series Professional Steam Station, covering assembly, usage, safety, maintenance, and troubleshooting for models 5000IS, 5000CJ, and 5000CD.</p> |
| <p>Steamboy PRO T3 FLOOR STEAMER / SCRUBBER NETTOYEUR À VAPEUR/LAVASSE DE SOLS LAMPIONDA A VAPORE/LUSTRORE DI PIEDI</p>   | <p>Steamboy PRO T3 Floor Steamer/Scrubber Instruction Manual</p> <p>Comprehensive instruction manual for the Reliable Steamboy PRO T3 Floor Steamer/Scrubber, covering safety, assembly, usage, maintenance, troubleshooting, and warranty information.</p> |
| <p>Steamboy PRO T3 FLOOR STEAMER / SCRUBBER NETTOYEUR À VAPEUR/LAVASSE DE SOLS LAMPIONDA A VAPORE/LUSTRORE DI PIEDI</p>   | <p>Steamboy PRO T3 Floor Steamer/Scrubber Instruction Manual</p> <p>Comprehensive instruction manual for the Reliable Steamboy PRO T3 Floor Steamer/Scrubber. Learn about safety precautions, assembly, usage for hard floors and carpets, maintenance, troubleshooting common issues, and warranty information.</p> |
| <p>Steamboy PRO T3 FLOOR STEAMER / SCRUBBER NETTOYEUR À VAPEUR/LAVASSE DE SOLS LAMPIONDA A VAPORE/LUSTRORE DI PIEDI</p>   | <p>Steamboy PRO T3 Floor Steamer/Scrubber Instruction Manual</p> <p>Comprehensive instruction manual for the Reliable Steamboy PRO T3 floor steamer and scrubber, covering safety, assembly, usage, maintenance, troubleshooting, and warranty information.</p> |



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[pdf] User Manual Instructions Guide

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5100CJ

2.2L JEWELRY STEAM CLEANER WITH ECO-MODE

Introducing Eco-Mode in the all new 5100CJ jewelry steam cleaner. Eco-Mode will save you up to 33% in energy costs by reducing the energy consumption when the boiler is not being used. Smart for your wallet and smart for the planet.

The 5100CJ has an absolute capacity of 2.2L, uses our new external heating element system to optimize the amount of steam available to use and the operating pressure of 2.5 bar / 36 PSI for maximum cleaning efficiency. The design is built around superior materials and the longevity seen in a heavy-duty tool product.

SPECIFICATIONS

| | |
|--------------------------------|---|
| ELC MODEL | 5100CJ (2.2L capacity) |
| BOILER CAPACITY | 0.58 GAL 2.2L |
| WATER CAPACITY | 0.58 GAL 2.2L |
| OPERATING PRESSURE | 2.5 BAR 36 PSI |
| WARRANTY | 3 YEAR |
| STEAM TRANSDUCER | 2.5 BAR 36 PSI |
| TANK CONSTRUCTION | Stainless Steel |
| LOW WATER INDICATOR | Standard |
| REGULATION | Controlled by the pump |
| NET WEIGHT | 10.5LBS 4.7kg |
| OPERATING TEMPERATURE | 100°C 212°F |
| PRODUCT DIMENSIONS (W x H x D) | 10.5" x 10.5" x 10.5" 26.7" x 26.7" x 26.7" |
| ELC MODEL | 5100CJ (2.2L capacity) |
| ELC MODEL APPROVAL | CE Mark |
| COUNTRY OF ORIGIN | ITALY |
| WARRANTY | 3 Year (3 years total) |

IT'S ALL ABOUT THE STEAM



EXTERNAL BOILER WITH HEATING ELEMENT

2.2L BOILER WITH EXTERNAL HEATING ELEMENT



2.2L BOILER WITH EXTERNAL HEATING ELEMENT

EXTERNAL BOILER WITH HEATING ELEMENT



EXTERNAL BOILER WITH HEATING ELEMENT

MADE IN ITALY



MADE IN ITALY

WHAT'S IN THE BOX



WHAT'S IN THE BOX

WARRANTY



WARRANTY

3 YEAR WARRANTY



3 YEAR WARRANTY

3 YEAR WARRANTY



3 YEAR WARRANTY

3 YEAR WARRANTY



3 YEAR WARRANTY

3 YEAR WARRANTY



3 YEAR WARRANTY



[pdf] Specifications Dimension Guide Warranty

5100CJ Sewing Machines Plus The has an absolute capacity of 2.2L uses our new external heating element system to optimize the amount steam available use and an specs srsItid

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5100CJ 2.2L JEWELRY STEAM CLEANER WITH ECO MODE Introducing Eco-Mode in the all new **5100CJ** jewelry steam cleaner. Eco-Mode will save you up to 33 in energy costs by reducing the energy consumption when the boiler is not being used. Smart for your wallet and smart for the planet. The **5100CJ** has an a... lang:en score:28 filesize: 925.3 K page_count: 3 document date: 2023-01-31