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WallarGe CL-508

WallarGe Atomic Wall Clock with Night Light

Model: CL-508

INTRODUCTION

Thank you for purchasing the WallarGe Atomic Wall Clock. This manual provides detailed instructions for setting up, operating, and maintaining your new clock. Please read this manual thoroughly before use to ensure proper function and longevity of your product.



Image: The WallarGe Atomic Wall Clock displaying its night light feature, with illuminated numbers against a dark background.

KEY FEATURES

- **Atomic Time Synchronization:** Automatically sets and updates time via WWVB radio signal.
- **Smart Night Light:** Integrated light sensor automatically illuminates the clock face in low light conditions with adjustable brightness (Off/Low/High).
- **Silent Movement:** Non-ticking quartz movement ensures a quiet environment.
- **Battery Operated:** Cordless design for flexible placement.
- **Auto DST:** Automatic adjustment for Daylight Saving Time.
- **Large Display:** 12-inch diameter with clear, bold numbers for easy readability.

SETUP GUIDE

1. Battery Installation

1. Locate the battery compartments on the back of the clock.
2. Insert **one (1) AA battery** into the compartment for the clock movement, observing the correct polarity (+/-).
3. Insert **three (3) AA batteries** into the compartment for the smart light sensor, observing the correct polarity (+/-).
4. Replace the battery covers securely.

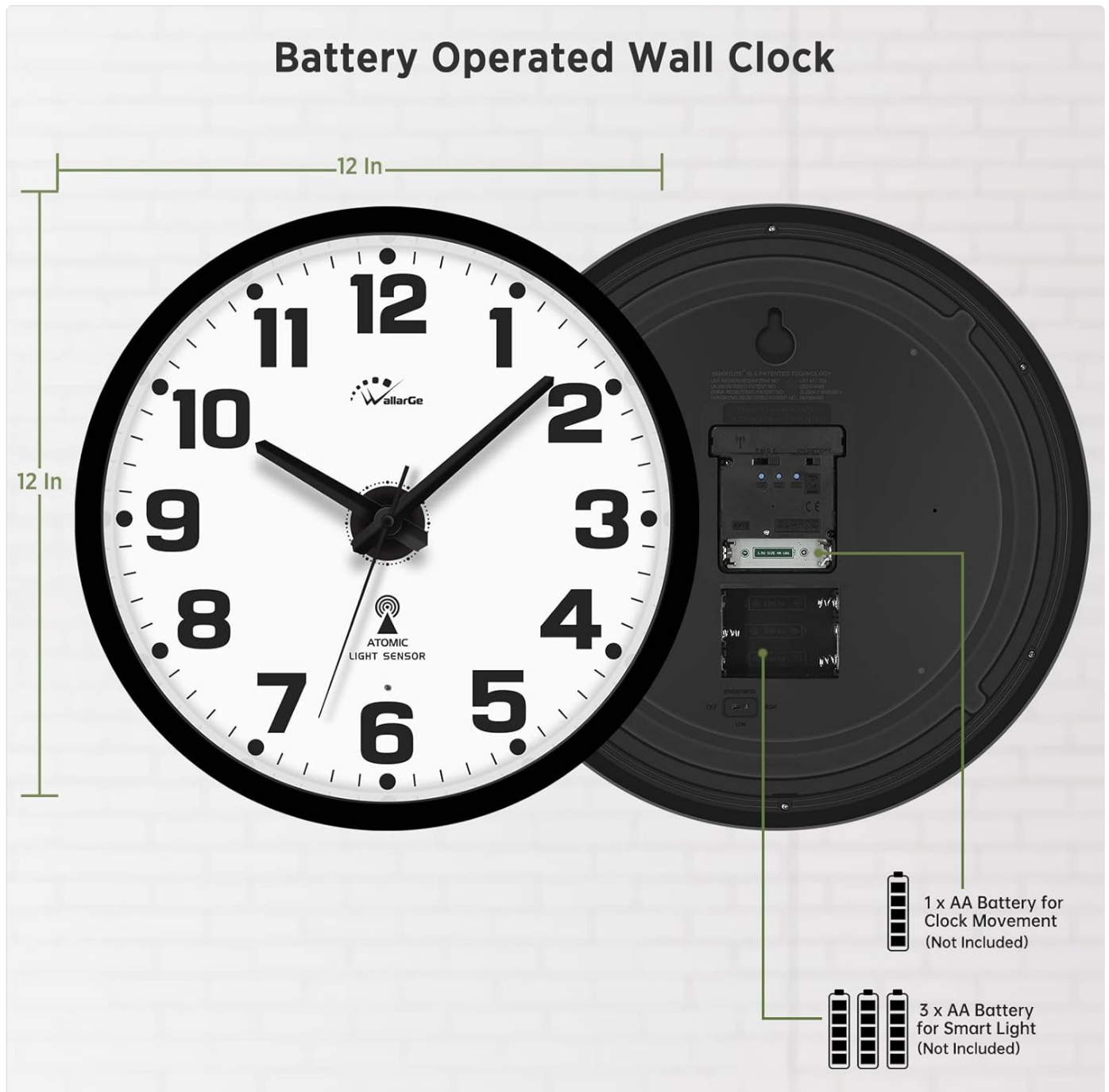


Image: Rear view of the clock illustrating the battery placement for both the clock movement and the smart light sensor, along with the 12-inch dimensions.

Note: Batteries are not included with the product. Use fresh alkaline batteries for optimal performance.

2. Initial Time Synchronization (Atomic Signal)

After battery installation, the clock will automatically attempt to receive the WWVB atomic time signal from Fort Collins, Colorado. This process may take several minutes to several hours, depending on your location and environmental conditions.

- The clock hands will typically move to the 12:00 position and then begin searching for the signal.
- Once the signal is received, the clock will automatically set itself to the correct time for the selected time zone.

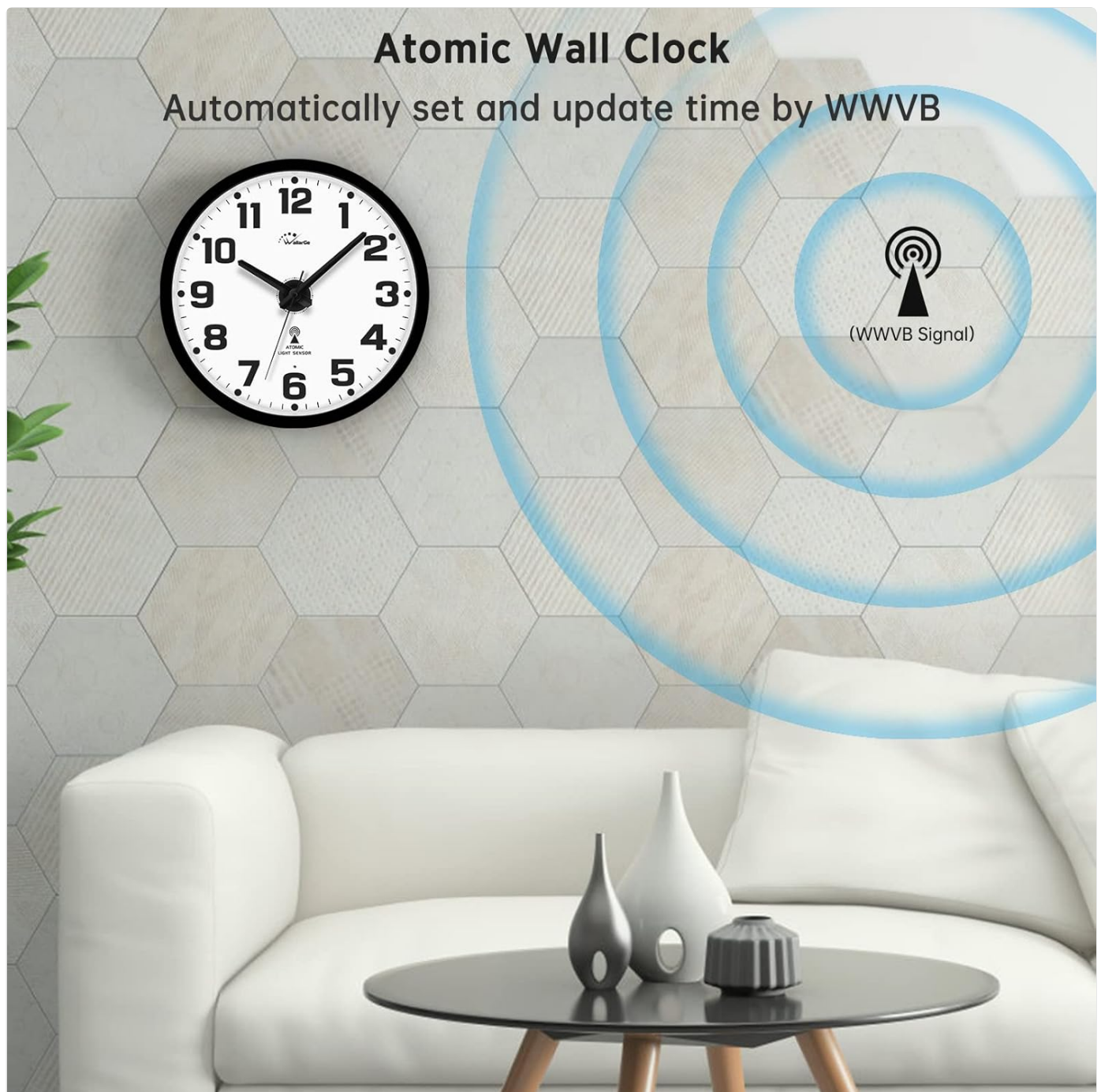


Image: Diagram showing the atomic wall clock on a wall, with concentric circles representing the WWVB signal being received for automatic time updates.

3. Setting Time Zone and DST

On the back of the clock, locate the time zone selection switch and the DST (Daylight Saving Time) switch.

- **Time Zone:** Select your desired time zone (PST, MST, CST, EST) using the switch.
- **DST:** Set the DST switch to "ON" for automatic Daylight Saving Time adjustments, or "OFF" if your region does not observe DST.

4. Adjusting Night Light Brightness

The smart night light has three brightness levels. On the back of the clock, locate the brightness adjustment button.

- Press the button to cycle through the settings: **Off, Low Brightness, High Brightness.**
- Select the desired brightness level for the night light feature.

Smart Light - Automatically Light Up in Dark

(Off / Low / High selectable)



Off

Low
Brightness

High
Brightness

Image: A visual comparison of the clock's night light feature, demonstrating the 'Off', 'Low Brightness', and 'High Brightness' settings in a dark environment.

OPERATING INSTRUCTIONS

Automatic Timekeeping

Once set up, the WallarGe Atomic Wall Clock will automatically receive the WWVB signal daily, typically overnight, to ensure accurate timekeeping. No manual adjustments are required under normal operation.

Smart Night Light Function

The integrated light sensor detects ambient light levels. When the room darkens, the night light will automatically activate at the previously selected brightness level (Low or High). When the room brightens, the night light will turn off to conserve battery power.

Silent Operation

The clock features an upgraded precise quartz movement that ensures a completely silent, non-ticking operation. This

makes it suitable for environments where quiet is preferred, such as bedrooms, offices, and classrooms.

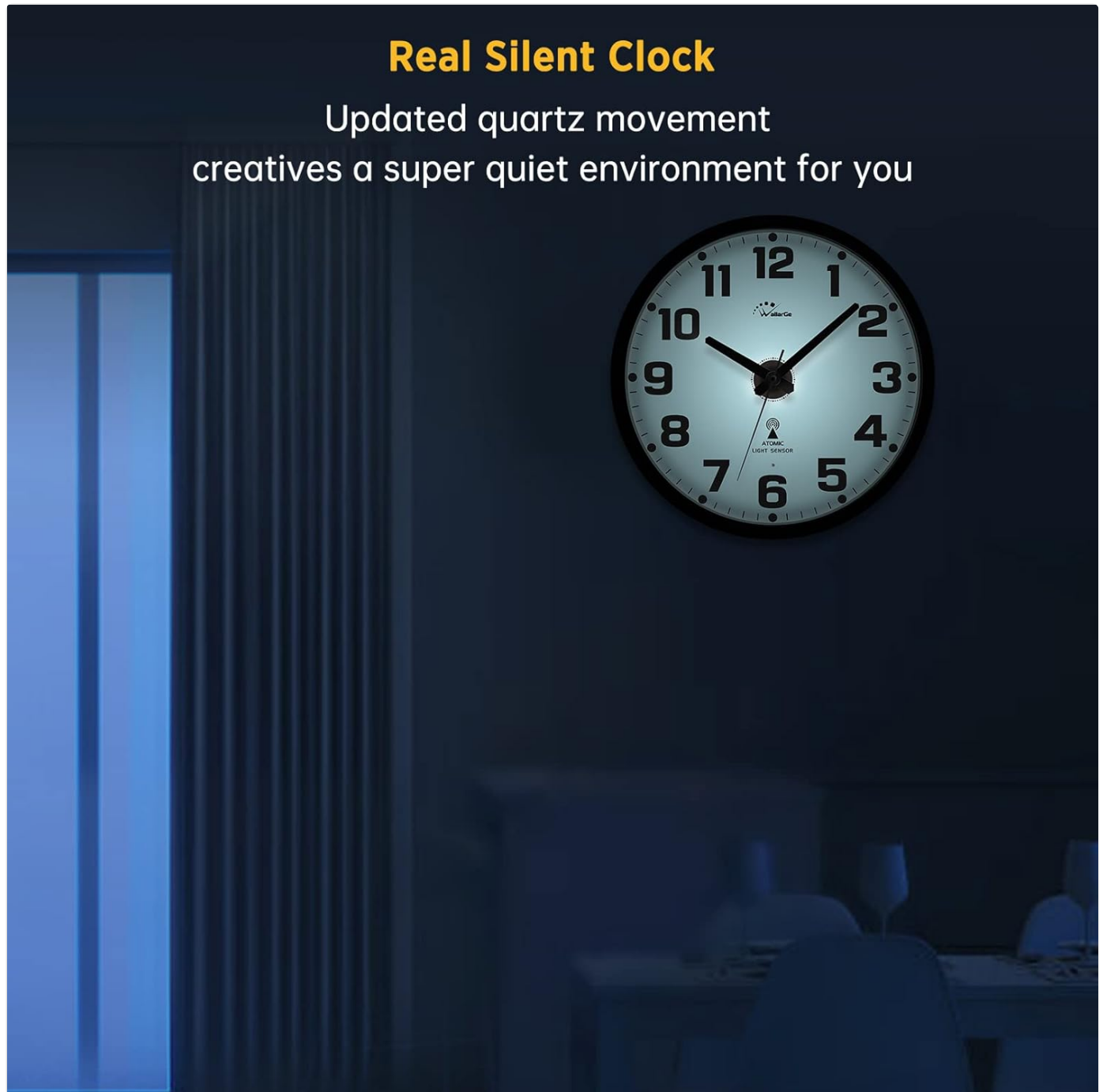


Image: The clock displayed in a dimly lit room, emphasizing its silent sweep second hand and the soft glow of its night light feature.

MAINTENANCE

Battery Replacement

When the clock hands stop moving or the night light dims significantly, it is time to replace the batteries. Follow the battery installation steps in the Setup Guide. Always replace all batteries at once with new ones of the same type.

Cleaning

To clean the clock, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these may damage the clock's finish or internal components.

Environmental Considerations

Avoid placing the clock in direct sunlight, near strong magnetic fields, or in areas with extreme temperatures or high humidity, as these conditions can affect accuracy and lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock does not set time automatically.	<ul style="list-style-type: none">Weak WWVB signal.Incorrect time zone setting.Interference from electronics.Low batteries.	<ul style="list-style-type: none">Relocate the clock near a window or away from large metal objects.Ensure the time zone switch is correctly set.Move the clock away from TVs, computers, or other electronic devices.Replace all batteries with new ones.
Night light is not working.	<ul style="list-style-type: none">Night light setting is "Off".Insufficient darkness for sensor activation.Low batteries for the light sensor.	<ul style="list-style-type: none">Check the brightness adjustment button on the back and set it to "Low" or "High".Ensure the room is sufficiently dark for the sensor to activate.Replace the three AA batteries for the light sensor.
Clock hands are stuck or moving erratically.	<ul style="list-style-type: none">Low battery for clock movement.Mechanical obstruction.	<ul style="list-style-type: none">Replace the single AA battery for the clock movement.Ensure nothing is obstructing the clock hands.

SPECIFICATIONS

Feature	Detail
Brand	WallarGe
Model Number	CL-508
Display Type	Analog
Special Feature	Atomic Wall Clock, Smart Night Light, Silent Movement, Auto DST
Product Dimensions	12"W x 12"H
Power Source	Battery Powered (1x AA for movement, 3x AA for light sensor)
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Black
Mounting Type	Wall Mount
Item Weight	2.49 pounds

WARRANTY AND SUPPORT



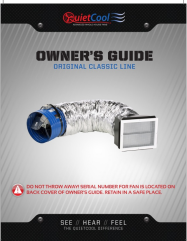
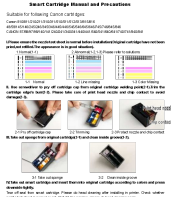

Specific warranty details are not provided within this manual. For information regarding warranty coverage, please refer to the product packaging or contact WallarGe customer support directly.

If you encounter any issues not covered in the troubleshooting section, or require further assistance, please visit the

official WallarGe website or contact their customer service department.
WallarGe Store Link: [Visit the WallarGe Store on Amazon](#)

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Related Documents - CL-508

	<p>Cubic Alarm Clock Operating Manual</p> <p>Comprehensive operating manual for the Cubic Alarm Clock (Model H-CL-04), detailing functions, settings, specifications, and safety precautions for optimal user experience.</p>
	<p>FKI Sausage Cooker CL Series User Manual - Installation, Operation, and Maintenance</p> <p>Comprehensive user manual for FKI Fast Food Teknik's CL Series Sausage Cookers and Bain Maries. Covers installation, operation, safety, cleaning, maintenance, and technical specifications for commercial kitchen use.</p>
	<p>QuietCool Original Classic Line Owner's Guide</p> <p>This owner's guide provides instructions for installing and operating the QuietCool Original Classic Line whole house fans. It covers safety precautions, system overview, installation steps, wiring diagrams, and warranty information.</p>
	<p>Canon Smart Cartridge Installation and Troubleshooting Guide</p> <p>Comprehensive guide for installing and troubleshooting Canon smart ink cartridges, covering common issues like line missing, color missing, and printer detection errors. Includes instructions for printers with and without ink pumping systems.</p>
	<p>QuietCool Classic Whole House Fan Owner's Guide and Installation Manual</p> <p>Comprehensive owner's guide and installation manual for the QuietCool Classic Whole House Fan series, covering operation, system overview, wiring, installation, and warranty information.</p>



Autonics AiC-D-CL Series: 2-Phase Closed-Loop Stepper Motor Driver Technical Specification

Detailed technical specifications, features, ordering information, configuration diagrams, and control I/O for the Autronics AiC-D-CL Series 2-Phase Closed-Loop Stepper Motor Drivers, essential for industrial automation and motion control applications.