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CMA Dishmachines AH

CMA Dishmachines AH Dishwasher User Manual

Model: AH

PRODUCT OVERVIEW

The CMA Dishmachines AH is a robust, door-type commercial dishwasher designed for efficient low-temperature chemical sanitizing. This model is capable of processing approximately 40 racks per hour, making it suitable for various food service environments. It features a straight-thru design, top-mounted controls, and an automatic start/stop function for ease of use. Constructed from durable stainless steel, the AH dishwasher includes a delimer switch and a Poly Pro scrap accumulator for effective cleaning and maintenance.



Image: CMA Dishmachines AH Door Type Dishwasher. This image displays the full stainless steel unit, highlighting its compact,

freestanding design. Visible components include the top-mounted control panel, the door opening mechanism on the left, and the lower section housing the wash pump and scrap accumulator. The overall appearance is industrial and functional.

SAFETY INFORMATION

Always read and understand all instructions before operating the dishwasher. Failure to follow safety guidelines may result in injury or damage to the equipment.

- Ensure the unit is properly grounded and connected to the specified electrical supply (120 Volts).
- Do not operate the dishwasher without proper ventilation.
- Use only approved low-temperature chemical sanitizers and detergents. Refer to chemical manufacturer's instructions for safe handling.
- Keep hands and clothing clear of moving parts during operation.
- In case of malfunction or unusual noise, immediately turn off the unit and disconnect power before inspection.
- Only qualified personnel should perform maintenance and repairs.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. It is recommended that installation be performed by a qualified technician.

1. **Unpacking:** Carefully remove the dishwasher from its packaging. Inspect for any shipping damage. Report any damage to the carrier immediately.
2. **Placement:** Position the freestanding unit on a level, stable surface. Ensure adequate clearance around the machine for ventilation, maintenance, and door operation.
3. **Water Connection:** Connect the dishwasher to a potable water supply. The unit requires a specific water pressure and temperature for optimal operation. Refer to local plumbing codes.
4. **Drain Connection:** Connect the drain line to an appropriate floor drain or waste receptor, ensuring proper slope for gravity drainage.
5. **Electrical Connection:** Connect the unit to a dedicated 120 Volt electrical circuit as per local electrical codes. Ensure proper grounding.
6. **Chemical Dispenser Setup:** Connect the chemical lines from the external chemical dispensers (not included) to the designated ports on the dishwasher. Ensure proper priming of chemical pumps.

OPERATING INSTRUCTIONS

Follow these steps for daily operation of your CMA Dishmachines AH dishwasher.

1. **Pre-Scraping:** Before loading, scrape all large food particles from dishes and utensils. This prevents clogging and ensures effective cleaning.
2. **Loading Racks:** Load dishes into the provided racks (one open and one peg rack included). Ensure items are spaced to allow water and chemical spray to reach all surfaces. Do not overload racks.
3. **Closing Door:** Close the dishwasher door securely. The machine features an auto "start/stop" function, which initiates the cycle upon door closure.
4. **Cycle Initiation:** The wash cycle will automatically begin once the door is closed. The low-temperature chemical sanitizing process will run for a preset duration.
5. **Delimer Switch:** If lime scale buildup is observed, activate the delimer switch as needed. Consult your chemical supplier for appropriate deliming agents and procedures.

6. **Unloading:** Once the cycle is complete, open the door and carefully remove the clean, sanitized racks. Allow items to air dry if necessary.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your dishwasher.

- **Daily Cleaning:** At the end of each day, drain the machine, remove and clean the Poly Pro scrap accumulator, and wipe down the interior and exterior stainless steel surfaces.
- **Spray Arm Inspection:** Regularly inspect spray arms for clogged nozzles. Clean any blockages to ensure proper water distribution.
- **Chemical Levels:** Monitor chemical levels (detergent, sanitizer, rinse aid) in external dispensers and refill as needed.
- **Deliming:** Perform deliming procedures regularly, especially in hard water areas, to prevent mineral buildup. Use the delimer switch and appropriate chemicals.
- **Gasket Inspection:** Check door gaskets for wear or damage. Replace worn gaskets to prevent leaks and maintain proper sealing.
- **Professional Servicing:** Schedule periodic professional maintenance checks to ensure all components are functioning correctly and to address any potential issues.

TROUBLESHOOTING

This section provides solutions to common operational issues. For problems not listed, contact customer support.

Problem	Possible Cause	Solution
Dishwasher does not start.	No power; Door not fully closed; Circuit breaker tripped.	Check power supply; Ensure door is latched; Reset circuit breaker.
Dishes not clean.	Clogged spray arms; Insufficient chemical levels; Improper loading; Low water pressure.	Clean spray arm nozzles; Refill chemical dispensers; Reload racks correctly; Check water supply.
Water not draining.	Clogged drain line; Scrap accumulator full.	Clear drain line obstruction; Empty and clean scrap accumulator.
Excessive foaming.	Too much detergent; Wrong type of detergent.	Reduce detergent dosage; Use recommended low-foaming detergent.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model	AH
Brand	CMA Dishmachines
Type	Door Type, Low Temperature Chemical Sanitizing
Racks per Hour	Up to 40 racks/hour
Voltage	120 Volts

Feature	Detail
Water Consumption	1.7 Gallons per cycle
Product Dimensions (W x D x H)	25.75 x 25.75 x 57 inches (approximate)
Material	Stainless Steel construction
Wash Pump	1 HP
Features	Top-mounted controls, Auto "start/stop", Delimer switch, Poly Pro scrap accumulator, NSF, cULus certified.
Included Components	Dishwasher unit, 1 open rack, 1 peg rack

WARRANTY INFORMATION

For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official CMA Dishmachines website. Typically, commercial dishwashers come with a limited warranty covering manufacturing defects for a specified period from the date of purchase. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT






If you require further assistance, have questions about operation, or need to schedule service, please contact CMA Dishmachines customer support.

- Website:** [www.cmadishmachines.com](#) (Example link, replace with actual if available)
- Phone:** Consult the product documentation or website for the most current contact number.
- Service:** When contacting support, please have your model number (AH) and serial number ready.



Related Documents - AH

	<p>CMA CMA-180UC-3 Commercial Dishwasher: Owner's Manual, Installation & Operation Guide</p> <p>Comprehensive guide for the CMA CMA-180UC-3 commercial under-counter dishwasher. Covers installation, operation, specifications, maintenance, and safety features like Safe-T-Temp. Includes troubleshooting and cleaning instructions.</p>
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	<p>CMA-180VL/180VL Tall Installation and Operation Manual</p> <p>Comprehensive installation and operation manual for the CMA-180VL and CMA-180VL Tall dishmachines. Covers specifications, setup, plumbing, electrical requirements, wiring options, troubleshooting, and parts.</p>
	<p>CMA-180 Parts Manual: Comprehensive Guide to Dishwasher Components and Assembly</p> <p>Detailed parts manual for CMA-180 and CMA-180TALL commercial dishwashers, including exploded views, part numbers, descriptions, and installation instructions. Covers models CMA-180, CMA-180TALL, CMA-180TS, CMA-180TC.</p>
	<p>CMA 181GW Commercial Dishwasher Parts Manual</p> <p>Comprehensive parts manual for the CMA 181GW commercial dishwasher, including detailed diagrams, part numbers, and descriptions for all components. Rev 1.01B, November 2024. Features UL and NSF certifications.</p>
	<p>CMA CMA-180UC Commercial Dishwasher Parts Manual</p> <p>This comprehensive parts manual provides detailed diagrams, part numbers, and descriptions for the CMA CMA-180UC commercial dishwasher, essential for maintenance and repair. It covers all major assemblies including the cabinet, door, electrical systems, plumbing, pumps, heaters, and drain valves.</p>
	<p>CMA-66 Installation and Operation Manual</p> <p>Comprehensive guide for installing, operating, and maintaining the CMA-66 commercial dishwasher, including troubleshooting and electrical diagrams from CMA Dishmachines.</p>