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› Crompton Zelus DAC 43L Desert Air Cooler Instruction Manual

Crompton ACGC-ZELUSDAC43

Crompton Zelus DAC 43L Desert Air Cooler Instruction Manual

Model: ACGC-ZELUSDAC43

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Crompton Zelus DAC 43L Desert Air Cooler. Please read these instructions carefully before using the appliance and retain them for future reference.

The Crompton Zelus DAC 43L is designed to provide effective cooling for rooms up to 280 sq. ft. It features a 43-liter water tank, high-density honeycomb pads, an Everlast pump, and 4-way air deflection for optimal air distribution.

2. SAFETY INSTRUCTIONS

- Always connect the cooler to a grounded power outlet with the correct voltage (230 Volts).
- Do not operate the cooler with a damaged power cord or plug. Contact authorized service personnel for repairs.
- Ensure the cooler is placed on a stable, level surface to prevent tipping.
- Keep the cooler away from direct sunlight and heat sources.
- Do not immerse the appliance, cord, or plug in water or other liquids.
- Unplug the cooler from the power outlet before filling water, cleaning, or performing any maintenance.
- Do not allow children to operate or play near the cooler.
- Ensure adequate ventilation around the cooler for efficient operation.
- Do not block the air inlet or outlet grilles.
- Avoid using extension cords if possible. If necessary, use a heavy-duty, grounded extension cord suitable for the cooler's wattage (105 Watts).

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 unit of Crompton Air Cooler
- 4 Push Type Wheels

- Warranty Card
- Instruction Manual

4. PRODUCT COMPONENTS



Figure 1: Key components of the Crompton Zelus DAC 43L Air Cooler. Labels include Ice Chamber, Control Panel, Auto Swing Vertical Louvers, Water Level Indicator, and Castor Wheels.

Familiarize yourself with the main parts of your air cooler:

- **Ice Chamber:** Located at the top, for adding ice to enhance cooling.
- **Control Panel:** Features rotary knobs for fan speed and swing control.
- **Auto Swing Vertical Louvers:** Automatically oscillate to distribute air across a wider area.
- **Water Level Indicator:** Displays the current water level in the tank (Low to Medium).
- **Castor Wheels:** For easy mobility of the unit.
- **Honeycomb Pads:** High-density pads on the sides for efficient cooling.

5. SETUP AND ASSEMBLY

5.1. Installing Castor Wheels

1. Carefully tilt the cooler to access the bottom.
2. Insert the stem of each castor wheel into the designated holes at the base of the cooler.
3. Push firmly until the wheels click securely into place.
4. Return the cooler to an upright position.

5.2. Placement

- Place the cooler in a location with good ventilation, ideally near an open window or door, to allow fresh air intake and exhaust of humid air.
- Ensure the cooler is positioned on a flat, stable surface.
- Due to the standard power cord length, ensure the cooler is placed within reach of a suitable power outlet.

5.3. Filling the Water Tank



Figure 2: Water tank capacity and water level indicator.

1. Ensure the cooler is unplugged from the power outlet.
2. Locate the water filling area, typically at the top or rear of the unit.
3. Carefully pour clean water into the tank until the water level indicator reaches the 'Medium' mark. Do not overfill. The maximum capacity is 43 Liters.
4. For enhanced cooling, open the ice chamber cover and add ice cubes.

6. OPERATING INSTRUCTIONS



Figure 3: Overview of key features.

6.1. Powering On/Off

- Plug the power cord into a suitable electrical outlet.
- Turn the main power knob (if available) or the fan speed knob to the 'ON' position.

6.2. Fan Speed Control

The cooler features multiple fan speed settings (Low, Medium, High). Rotate the fan speed knob to select your desired airflow intensity.



Figure 4: High air delivery for effective cooling.

6.3. Air Deflection (Swing Function)

The cooler is equipped with 4-way air deflection. Use the swing control knob to activate the automatic vertical louver oscillation, which helps distribute cool air evenly across the room. Manual adjustment of horizontal louvers may also be possible.



Figure 5: 4-Way Air Deflection feature.

6.4. Using the Ice Chamber

For enhanced cooling, especially in very hot conditions, add ice cubes to the dedicated ice chamber located at the top of the cooler. This helps to further reduce the air temperature.



Figure 6: Ice Chamber for extra cooling.

6.5. Inverter Compatibility

This cooler is designed to be inverter compatible, allowing it to operate efficiently even during power outages when connected to a suitable home inverter system.

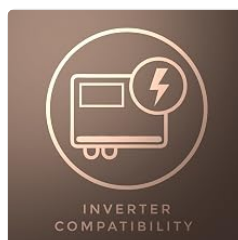


Figure 7: Inverter Compatibility feature.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air cooler.

7.1. Cleaning the Water Tank

1. Unplug the cooler from the power supply.
2. Drain any remaining water from the tank.
3. Wipe the interior of the tank with a soft cloth and mild detergent. Rinse thoroughly with clean water.
4. Ensure the tank is completely dry before refilling or storing.

7.2. Cleaning Honeycomb Pads



Figure 8: Honeycomb pads for efficient cooling.

- Unplug the cooler.
- The honeycomb pads are located on the sides of the cooler. While not easily removable for routine cleaning, they can be cleaned by gently spraying water through them from the outside to remove dust and mineral deposits.
- Allow the pads to air dry completely before operating the cooler.

7.3. External Cleaning

- Wipe the exterior surfaces of the cooler with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.

7.4. Storage

- Before storing, ensure the water tank is completely drained and dry.
- Clean the honeycomb pads and exterior.
- Store the cooler in a dry, dust-free place, preferably covered to prevent dust accumulation.

8. TROUBLESHOOTING

If you encounter issues with your cooler, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Cooler not turning on	No power supply; Power cord not plugged in; Fuse blown.	Check power connection; Check household fuse/circuit breaker.
Insufficient cooling	Low water level; Dirty honeycomb pads; Poor ventilation; Room too large.	Refill water tank; Clean honeycomb pads; Ensure proper ventilation; Add ice to ice chamber.

Problem	Possible Cause	Solution
Unusual noise	Low water level (pump noise); Obstruction in fan; Unit not level.	Refill water tank; Check for obstructions and remove; Place cooler on a level surface.
Water leakage	Overfilling water tank; Unit not level; Damaged water pump/hose.	Do not overfill; Ensure unit is level; Contact customer support if damage is suspected.
Bad odor from cooler	Stagnant water; Dirty honeycomb pads.	Drain and clean water tank thoroughly; Clean honeycomb pads.

If the problem persists after attempting these solutions, please contact Crompton customer support.

9. TECHNICAL SPECIFICATIONS



Figure 9: Dimensions of the air cooler (520mm W x 350mm D x 960mm H).

Feature	Specification
Brand	Crompton
Model Number	ACGC-ZELUSDAC43
Reservoir Capacity	43 Liters
Recommended Floor Area	280 Square Feet
Wattage	105 Watts
Voltage	230 Volts
Air Flow Capacity	413.7 Cubic Feet Per Minute
Number Of Speeds	4 (including Off)
Noise Level	65 Decibels
Item Weight	9500 Grams
Item Dimensions (D x W x H)	35D x 52W x 96H Centimeters
Material	Plastic
Special Features	Everlast Pump, Fully Collapsible Louvers, Inverter Compatible, Motor with Overload Protection

10. WARRANTY AND CUSTOMER SUPPORT

10.1. Warranty Information

This product comes with a **1-year warranty** provided by the manufacturer from the date of purchase. The warranty is limited to manufacturing defects only. Physical damages are not covered under warranty.

10.2. Customer Support

For service requests or inspections, customers need to register a service request with Crompton's Customer Care:

- **Toll-Free Number:** 1800-419-0505 (Monday to Saturday, 9 AM to 7 PM)
- **WhatsApp:** 7428713838

A service engineer from the nearest Authorized Service Center will attend to the request.