

Crompton ACGC-ZELUSDAC28

Crompton Zelus DAC28 Desert Air Cooler

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Crompton Zelus DAC28 Desert Air Cooler. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new air cooler. Please read these instructions carefully before use and retain them for future reference.

The Crompton Zelus DAC28 is designed for indoor cooling in small to medium rooms, covering an area of approximately 280 sq. ft. It features a 28-liter water tank, high-density honeycomb pads for superior cooling, and an Everlast pump engineered to handle high TDS water and prevent jamming.



Figure 1: Front view of the Crompton Zelus DAC28 Desert Air Cooler.

2. SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow these basic safety precautions:

- Ensure the power supply voltage matches the rating specified on the cooler.
- Do not operate the cooler with a damaged cord or plug. If damaged, contact authorized service personnel.
- Always unplug the cooler before filling water, cleaning, or performing any maintenance.
- Do not immerse the cooler, cord, or plug in water or other liquids.
- Keep the cooler away from heat sources, open flames, and direct sunlight.
- Ensure the cooler is placed on a stable, level surface to prevent tipping.
- Do not block the air inlet or outlet vents.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

3. WHAT'S IN THE BOX

Upon unpacking, please verify that all the following components are present:

- 1 unit of Crompton Zelus DAC28 Air Cooler
- 4 Push Type Wheels
- Warranty Card
- Instruction Manual (this document)

4. SETUP

1. **Unpacking:** Carefully remove the air cooler from its packaging. Retain packaging materials for future transport or storage.
2. **Wheel Installation:** Turn the cooler upside down. Insert the four push-type wheels into the designated slots at the bottom of the unit until they click securely into place. Ensure all wheels are firmly attached before placing the cooler upright.
3. **Positioning:** Place the air cooler on a firm, level surface in the desired location. For optimal cooling, position the cooler near an open window or door to allow fresh air intake and proper ventilation.
4. **Water Filling:** Open the water inlet cap. Fill the water tank with clean water up to the 'MAX' level indicated by the water level indicator. Do not overfill. For enhanced cooling, you may add ice cubes to the dedicated ice chamber.
5. **Power Connection:** Ensure the cooler is switched off. Plug the power cord into a suitable electrical outlet (230V AC).



Figure 2: Key components of the Crompton Zelus DAC28.



Figure 3: Water level indicator for the 28-liter tank.

5. OPERATING INSTRUCTIONS

The Crompton Zelus DAC28 features intuitive knob controls for fan speed and cooling mode.

1. **Power On/Off:** Turn the main knob to the 'ON' position to start the cooler. Turn it to 'OFF' to switch it off.
2. **Fan Speed Adjustment:** Rotate the fan speed knob to select your desired airflow: Low, Medium, or High. The cooler offers 4 speeds for varied comfort.
3. **Cooling Mode:** Rotate the cooling mode knob to activate the water pump for evaporative cooling. When the pump is active, water circulates over the honeycomb pads, providing a cooling effect.
4. **4-Way Air Deflection:** The cooler is equipped with 4-way air deflection. Use the horizontal louvers to

manually adjust the vertical airflow direction. The vertical louvers feature an auto-swing function to distribute air horizontally across the room.

- 5. **Ice Chamber Usage:** For enhanced cooling, open the ice chamber lid located on top of the unit and place ice cubes inside. This will further cool the air passing through the pads.
- 6. **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.

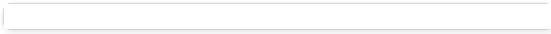


Figure 4: The 4-way air deflection system distributes cool air effectively.



Figure 5: The easy-clean ice chamber for enhanced cooling.

6. MAINTENANCE

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

- **Water Tank Cleaning:** Drain the water tank regularly, especially if the cooler is not used for an extended period. Clean the tank with a mild detergent and water to prevent algae and bacterial growth.
- **Honeycomb Pad Cleaning:** The high-density honeycomb pads should be cleaned periodically. Remove the back panel and gently rinse the pads under running water. Allow them to dry completely before re-installing. Do not use harsh chemicals.
- **Everlast Pump Care:** The Everlast pump is designed to handle high TDS water. However, regular cleaning of the water tank helps maintain pump efficiency and prevents mineral buildup.
- **Exterior Cleaning:** Wipe the exterior of the cooler with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** If storing the cooler for a long period, ensure the water tank is empty and dry, and the honeycomb pads are clean and dry. Cover the unit to protect it from dust.

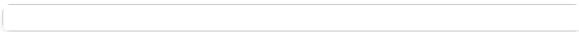


Figure 6: High-density honeycomb pads for efficient cooling.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Cooler does not turn on	No power supply; Power cord not plugged in; Main knob is off.	Check power outlet; Ensure power cord is securely plugged in; Turn the main knob to 'ON'.
No cooling effect	Water tank empty; Pump not activated; Honeycomb pads are dry or clogged.	Fill water tank; Turn on cooling mode; Clean honeycomb pads.

Problem	Possible Cause	Solution
Water pump not working	Water tank empty; Pump clogged; Motor overload protection activated.	Fill water tank; Clean pump/filter; Allow cooler to rest, then restart.
Unpleasant odor	Stagnant water in tank; Dirty honeycomb pads.	Drain and clean water tank thoroughly; Clean honeycomb pads.
Excessive noise	Low water level; Obstruction in fan; Cooler not on a level surface.	Fill water tank; Check for obstructions and remove; Place cooler on a stable, level surface.

8. SPECIFICATIONS

Brand	Crompton
Model Number	ACGC-ZELUSDAC28
Type	Desert Air Cooler
Water Tank Capacity	28 Litres
Suitable Room Size	280 sq. ft.
Cooling Medium	High Density Honeycomb Pads
Air Flow Capacity	413.7 Cubic Feet Per Minute (CFM)
Power Consumption	105 Watts
Voltage	230 Volts
Number of Speeds	4
Noise Level	65 Decibels
Dimensions (D x W x H)	35D x 82W x 86.5H Centimeters
Item Weight	8500 Grams
Special Features	Everlast Pump, Fully Collapsible Louvers, Inverter Compatible, Motor with Overload Protection, Large & Easy Clean Ice Chamber, 4-Way Air Deflection

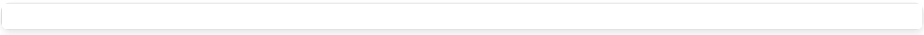


Figure 7: Dimensions of the Crompton Zelus DAC28 Air Cooler.

9. WARRANTY AND SUPPORT

Warranty: Your Crompton Zelus DAC28 Desert Air Cooler comes with a 1-year warranty provided by the manufacturer from the date of purchase. The warranty covers manufacturing defects only. Physical

damages are not covered.

Service Request: For any service requests or inspections, please register your 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 your request.

Manufacturer Contact Information:

Crompton Greaves Consumer Electricals Limited, Plot No.11, Dharuhera Industrial Area, Dharuhera, Rewari - 123 110 (Haryana)

Packer Contact Information:

Crompton Greaves Consumer Electricals Limited, Equinox Business Park, 1st Floor, Tower 3, LBS Marg, Kurla (W), Mumbai 400070, Maharashtra, India, Ph: +91 22 6167 8499