

## Mango PUNCH

# Mango PUNCH 20L Desert Air Cooler User Manual

Model: PUNCH | Brand: Mango

## 1. INTRODUCTION

Thank you for choosing the Mango PUNCH 20L Desert Air Cooler. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new air cooler. Please read it thoroughly before use and retain it for future reference.



Image 1.1: Front view of the Mango PUNCH 20L Desert Air Cooler.

## 2. SAFETY INSTRUCTIONS

To prevent injury to yourself and others, or damage to the appliance, please observe the following safety precautions:

- Ensure the power supply voltage matches the rating label on the cooler.
- Do not operate the cooler with a damaged cord or plug. Contact qualified service personnel for repairs.
- Always unplug the cooler before filling or draining 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.
- Place the cooler on a stable, level surface to prevent tipping and water spillage.
- Ensure adequate ventilation around the cooler. Do not block air inlets or outlets.
- 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.
- Do not allow children to play with the appliance.
- Use only clean water in the tank.

### 3. PACKAGE CONTENTS

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Upon unpacking, please verify that all items are present and undamaged:

- Mango PUNCH 20L Desert Air Cooler Unit
- Set of 4D Moving Wheels (typically detached for shipping)
- Honeycomb Cooling Pads (pre-installed or separate)
- User Manual (this document)

### 4. SETUP

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1. **Unpacking:** Carefully remove the cooler from its packaging. Retain packaging materials for future storage or transport.
2. **Attaching Wheels:** If the wheels are not pre-installed, gently tilt the cooler and insert the 4D moving wheels into the designated slots at the bottom of the unit until they click securely into place.



Image 4.1: Illustration of the 4D moving wheels for easy portability.

3. **Placement:** Position the air cooler on a firm, level surface. Ensure there is sufficient space around the unit for proper airflow, ideally near an open window or door for fresh air intake.



### CHOOSE RIGHT COOLER TANK CAPACITY BASIS ROOM SIZE



ROOM TYPE	SMALL	MEDIUM	LARGE	EXTRA LARGE
SIZE	150 SQ. FT	300 SQ.FT	600 SQ.FT	EXTRA LARGE
RECOMMENDED CAPACITY	15 LTR	25 LTR	40 LTR	55 LTR

### CHOOSE RIGHT COOLER TYPE

FEATURES	PERSONAL / TOWER COOLER	DESERT COOLER
USAGE	PERSONAL / SPOT COOLING	ROOMS, OUTDOORS, TERRACE/ BACKYARD
ROOM SIZE	SMALL- MID SIZE ROOMS	MEDIUM-LARGE ROOMS
CLIMATE CONDITION	HUMID AREAS	DRY AREAS
IDEAL FOR TEMPERATURE	30-40 DEGREES	35 - ABOVE 50 DEGREES
COOLING ELEMENT	PRIMARILY USED BLOWER FOR COOLING	PRIMARILY USED BLOWER FOR COOLING

Image 4.2: Guide for selecting the appropriate cooler capacity based on room size. The 20L PUNCH model is suitable for smaller rooms.

- Filling the Water Tank:** Open the water inlet cap and fill the 20-liter water tank with clean water. Monitor the water level indicator to avoid overfilling.



Image 4.3: Icon representing the water level indicator, ensuring you fill the tank correctly.

- Adding Ice (Optional):** For enhanced cooling, open the ice chamber and add ice cubes. Close the chamber securely after adding ice.



Image 4.4: Icon representing the ice chamber for additional cooling.

- Power Connection:** Plug the power cord into a suitable electrical outlet.

## 5. OPERATING INSTRUCTIONS

Your Mango PUNCH air cooler features intuitive controls for ease of use.



Image 5.1: Example of control panel with ON/OFF switches for the Mango Air Cooler.

1. **Power On/Off:** Use the main power button or knob to turn the cooler ON or OFF.
2. **Fan Speed Adjustment:** The cooler offers 3 fan speeds. Rotate the fan speed knob or press the corresponding button to select your desired airflow (Low, Medium, High).
3. **Cooling Function:** To activate cooling, ensure the water tank is filled and turn on the pump switch. Water will be circulated over the honeycomb pads, providing evaporative cooling.
4. **4D Swinging Louvers:** Activate the swing function to distribute cool air across a wider area. The 4D louvers provide multi-directional air throw.
5. **Ice Chamber Usage:** For maximum cooling effect, ensure the ice chamber is filled with ice cubes when the cooling function is active.
6. **Water Level Indicator:** Regularly check the water level indicator. When the water level is low, the cooler may activate an empty tank alarm. Refill the tank promptly to continue cooling and protect the pump.



Image 5.2: Icon indicating the empty tank alarm feature.

- 7. Overflow Control:** The cooler is equipped with an overflow control mechanism to prevent water spillage if the tank is accidentally overfilled.



Image 5.3: Icon representing the overflow control feature.

- 8. Inverter Compatibility:** This cooler is designed to work efficiently with home inverters, providing uninterrupted cooling during power outages.



Image 5.4: Icon indicating the cooler's inverter compatibility.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your air cooler.

- **Cleaning Honeycomb Pads:** Periodically remove and clean the honeycomb pads. Rinse them under running water to remove dust and mineral deposits. Allow them to dry completely before re-installing.



Image 6.1: Icon representing the honeycomb cooling pads, which require regular cleaning.

- **Draining the Water Tank:** Drain the water tank regularly, especially if the cooler will not be used for an

extended period. This prevents stagnant water and bacterial growth. Use the drain plug located at the bottom of the tank.

- **Exterior Cleaning:** Wipe the exterior surfaces of the cooler with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Pump Protection Technology:** The cooler is equipped with pump protection technology to enhance the lifespan of the water pump. However, ensure the tank is not run dry for prolonged periods.



Image 6.2: Icon representing the pump protection technology.

- **Seasonal Storage:** Before storing the cooler for the off-season, ensure the water tank is completely drained and dry. Clean all components thoroughly and store in a dry, dust-free place.

## 7. TROUBLESHOOTING

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Refer to this section 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; Faulty outlet.	Check power connection; Test outlet with another appliance; Check household fuse/breaker.
No cooling effect	Water tank empty; Pump not running; Honeycomb pads dry or clogged; Insufficient ventilation.	Fill water tank; Ensure pump switch is ON; Clean honeycomb pads; Ensure proper airflow around the unit.
Weak airflow	Fan speed set too low; Air inlets/outlets blocked; Dirty fan blades.	Increase fan speed; Clear obstructions; Clean fan blades (with power off).
Water leakage	Overfilled water tank; Drain plug not secured; Damaged tank.	Do not overfill; Ensure drain plug is tightly closed; Contact service if tank is damaged.
Unpleasant odor	Stagnant water; Dirty honeycomb pads.	Drain and clean water tank; Clean honeycomb pads thoroughly.

## 8. SPECIFICATIONS

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Key technical specifications for the Mango PUNCH 20L Desert Air Cooler:

**Model Name:** PUNCH

**Brand:** Mango

**Reservoir Capacity:** 20 Liters

**Form Factor:** Desert Air Cooler

**Material:** Plastic

**Mounting Type:** Freestanding

**Wattage:** 190 Watts

**Number of Speeds:** 3 (Adjustable Speed)

**Controls Type:** Buttons, Knobs

**Special Features:** 35 feet Air Throw, 4D Swinging Louvers, H2C Honeycomb Pad, Works on Inverter, Ice Chamber, Overflow Control, Empty Tank Alarm, Pump Protection Technology, Water Level Indicator, 4D Moving Wheels.

**Approximate Dimensions:** 2 Ft 10 Inch Height (refer to Image 8.1 for visual reference)



Image 8.1: Visual representation of the cooler's height (approximately 2 feet 10 inches).

## 9. WARRANTY AND SUPPORT

For warranty information, service requests, or technical support, please refer to the warranty card included with your purchase or contact Mango customer service. Keep your purchase receipt as proof of purchase.

Contact information may be available on the official Mango Appliances website or through your retailer.

