



WARRANTY CARD INSTRUCTION MANUAL

MAX AIR ULTRA
70MAUD1
95MAUD1
120MAUD1
DESERT COOLER

Power rating: 190 Watts Rated voltage: 230
Rated frequency: 50 Hertz

Direct Evaporative Air Cooler
OWNER'S MANUAL

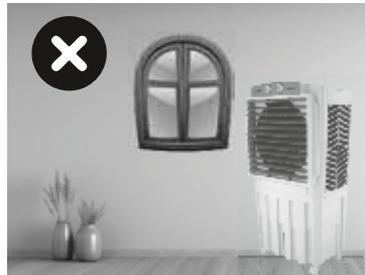
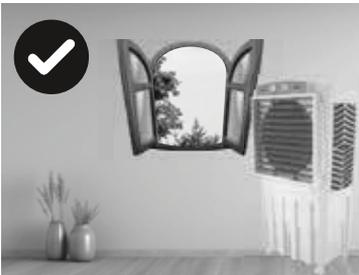
Read and save these instruction before use.

A grey horizontal bar at the bottom of the page.

QUICK START GUIDE

Read all instructions carefully before setting up and operating the cooler, and please keep this instruction manual for future reference. This manual is designed to provide you with important information needed to setup, operate, maintain, and troubleshoot your cooler. Failure to follow these instructions may damage and/or impair its operation and void the warranty.

- Fill the tank with water and plug the cooler in standard power outlet socket.
Note: Please make sure the household power voltage matches the product specifications.
- Place near an open door or window.
Note: Evaporative air cooler requires cross ventilation
- Keep distance of minimum 0.5m from the wall.
Cooler works best when placed near an open window.
- Turn ON and enjoy the cool breeze.
Note: Start with low speed and gradually increase to higher speed for optimum cooling performance.
- Keep the room ventilated for max effectivity / efficiency.
Note: When the product is used for the first time the Honeycomb cooling media will have an odor which will dissipate in a week or so of initial use



THANK YOU

Congratulations on your purchase of this versatile USHA Evaporative Air Cooler. For optimum cooling from your cooler, fill the water tank to maximum level before you turn on your air cooler.

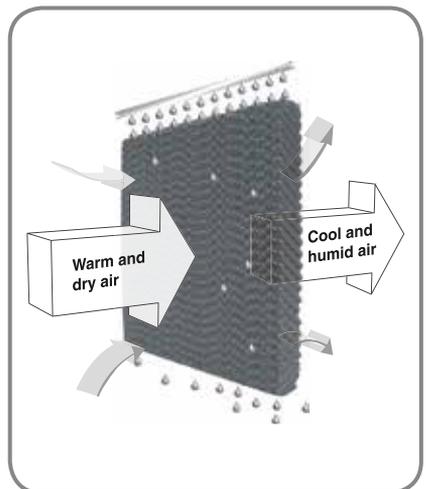
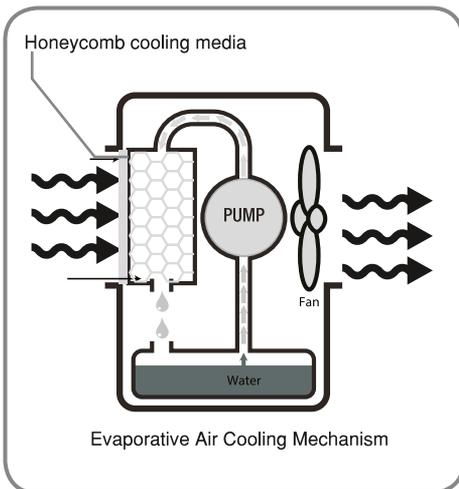
Not an Air Conditioner (Important - Please read!)

The evaporative air cooler is not an air conditioner as it does not use a compressor or refrigerant gas. It should not be expected to cool as efficiently as a refrigerated air conditioner

USER TIPS

Energy efficient, No compressor

USHA Evaporative Air Coolers are built to maximize energy efficiency and keep costs low. This no compressor system cools naturally, efficiently and inexpensively. The recommended relative humidity is 60% or less which allow noticeable temperature decrease in the air.



SAFETY

READ AND SAVE THESE INSTRUCTIONS:

When using electrical appliances, basic safety precautions should always be followed:

- Your cooler runs on 230 Volt AC, 50 Hz. Check the household voltage to ensure it matches the appliance's rated specification.
- Before operating the product remove it from its packaging and check that it is in good condition.
- DO NOT operate any product with a damaged cord or plug. We recommend not using an extension cord with this appliance.
- DO NOT run power cord under carpeting, or cover it with rugs or runners. Keep the cord away from areas where it may be tripped over.
- Always unplug the product before refilling the water tank.
- Always unplug the appliance from the power source before cleaning, servicing or relocating the unit.
- Remove the power cord from the electrical receptacle by grasping and pulling on the power cord plug-end only, never pull the cord.
- DO NOT use the product in areas where gasoline, paint or other flammable goods and objects are stored.
- When using the "COOL" setting, check the water tank to ensure that it is full. Operation of this cooler on the "COOL" setting with an empty tank may result in damage to the water pump.
- DO NOT attempt to repair or adjust any electrical or mechanical functions of the cooler, as this may void the warranty.

SHOCK HAZARD



230 volt ac 50 Hz

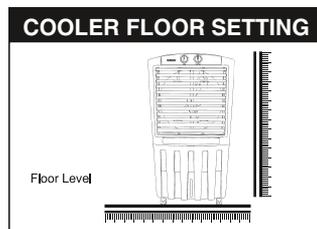


Water Level Indicator

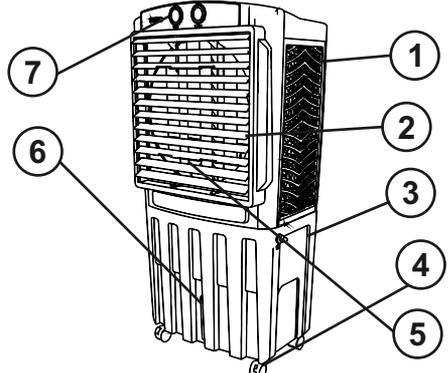
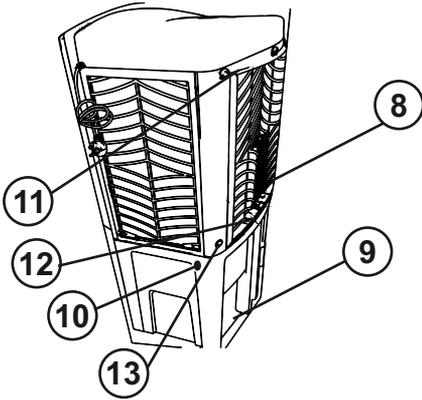


SAFETY

- DO NOT cover the air inlet or outlet on the appliance as this may cause motor damage.
 - DO NOT insert or allow objects to enter any ventilation or exhaust opening as this may damage the product and could cause an electrical shock or fire.
 - DO NOT operate with the Honeycomb media removed as this will overload and damage the motor.
 - DO NOT leave the operating appliance unattended for an extended period of time.
 - DO NOT let children play with this appliance, packaging or plastic bags.
 - If the unit is damaged or it malfunctions, do not continue to operate it. Refer to the troubleshooting section and seek professional advice.
 - Place the unit on a level floor. This product is not intended for use in wet or damp locations. DO NOT use in bathrooms. Never locate the product where it may fall into a water container.
 - Store in a dry area when not in use.
 - This appliance is not intended for use by persons (including children or elderly) 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.
- Always grip from sides to move the cooler.



PARTS DESCRIPTION

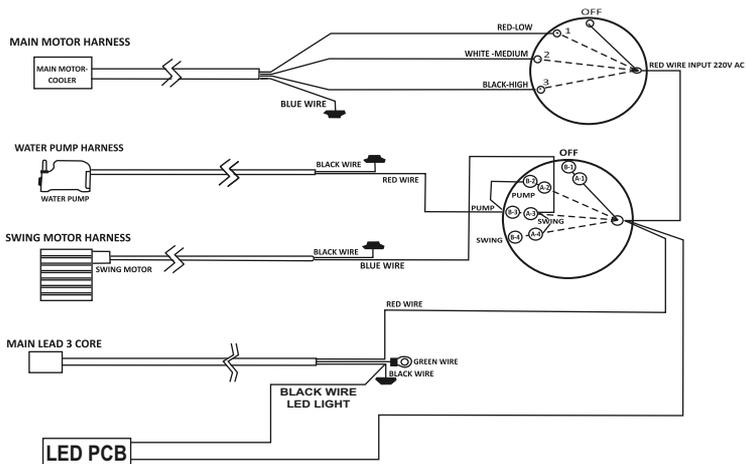


*Reference image, Actual product may differ

- 1 Left Honeycomb Panel
- 3 Water Tank
- 5 Horizontal Louvers
- 7 Manual Control Panel
- 9 Water Drain Plug
- 11 Rear Grill Removal Screws
- 13 Manual water filling through pipe

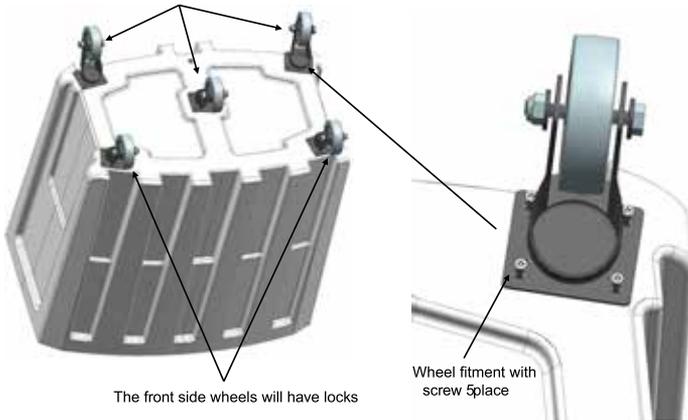
- 2 Lever for Horizontal Louvers
- 4 Castors
- 6 Water Level Indicator
- 8 Back Honeycomb Panel
- 10 Continuous Water Inlet
- 12 Manual water filling

ELECTRICAL WIRING DIAGRAM



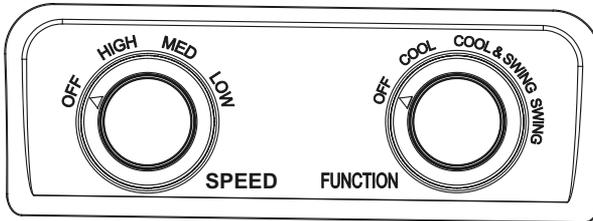
USE & OPERATION

The back side & center wheels will have used without locks



Tankwheel assembly

Zoom view



SPEED KNOB: Turn the Cooler ON and control the speed of fan by rotating the SPEED Knob. You can change the fan setting to (High), (Medium) or (Low) as per your requirement.

FUNCTION KNOB (SWING-PUMP OPERATION):

Pump - Set the knob to this position to activate the water flow for cool air throw. This will ensure switching ON of Pump motor to provide the water from the tank to the Honeycomb.

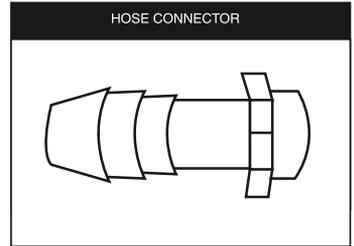
Swing+Pump - Set the knob to this position to activate the water flow (cooling) and the vertical louver movement simultaneously at the same time. This will ensure switch on of flow water to provide cool air and circulate the air in left and right direction.

Swing - Set the knob to this position to activate the vertical louver movement. This will allow circulation of the air in right and left direction continuously.

USE & OPERATION

FILLING WATER (CONTINUOUS WATER SUPPLY CONNECTION)

Connect water pipe to the continuous water supply connector located on the lower right side panel. Secure the connector with the pipe so that there is no leakage and turn on the water supply.



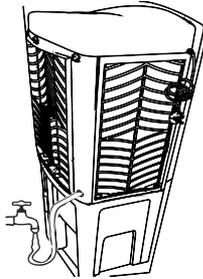
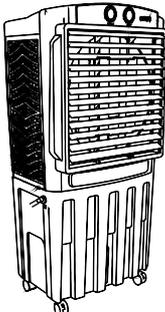
With the help of the water auto-refill mechanism, water inside the tank will refill automatically. Every time the water comes below the minimum level, the water float valve will detect it and will start the water flow inside the tank. In the same way it also stops water in-flow when reaching the maximum level.

This is an automated process and will not require you to refill the water tank manually.

Plug the unit into the power supply and turn the unit on.

INSTALLING HOSE ADAPTER AND FLOAT VALVE

Connect the garden hose Connector and turn on the water. Verify water tight connections by visually examining.



FILLING WATER

Water can be filled into the air cooler by ways:

1. Continuous water supply (Auto Refill).
2. Manual water filling through pipe inlet.
3. Manual water filling

WATER LEVEL INDICATOR

Water Level indicator provided for reference only and placed to see sufficient water level.

CLEANING & MAINTENANCE

IMPORTANT

- The cooler is supplied with Honeycomb Cooling Media.
- The cleaning frequency for the Honeycomb media depends on local air and water conditions. In an area where the mineral content of water is high, mineral deposits may build up on the Honeycomb Cooling Media and restrict air flow. Draining the water reservoir and refilling with fresh water at least once a week will help reduce mineral deposits. If mineral deposits remain on the Honeycomb media, the media should be removed and washed under fresh water. The media should be clean every two months or sooner, depending on your needs.
- Do not run the unit in COOL mode with stale water in the tank. Empty the tank and refill it with fresh water if the water has been standing in the tank for an extended period of time. For best results, allow the Honeycomb Cooling Media to dry after each use by turning off the cool function 15 minutes before turning the unit off.
- Draining the water reservoir and refilling with fresh water at least once a week will greatly reduce mineral deposits in the pads and help to extend the life of Honeycomb Cooling Media.

WARNING

- Before cleaning the unit, switch it to the “off” position and remove the plug from the power socket.
- To clean the outside, use a damp cloth to remove dirt and dust.
- Never use corrosive elements or any chemicals to clean this product.
- When the product is not in use, store the unit in a dry place out of direct sunlight
- Maximum water inlet pressure 0.5MPa

CLEANING & MAINTENANCE

DRAINING AND CLEANING THE WATER TANK

Turn the power “off” and disconnect the air cooler from the power supply.

Move the unit to a location where it can be drained. Remove the cap from the water drain plug and allow the tank to empty (see parts description on page 9)

After you have drained the water tank, please connect the water drain plug to its original position.

Now refill the water tank up to Max level, wait for 5 min. and then drain the entire water once again. Use clean water for this procedure, so that maximum dust particles and remains are completely removed.

If your cooler has not been used for a long duration, we advise you to clean the water tank at least 2 times before it is used again.

CLEANING THE HONEYCOMB MEDIA

Turn off the unit, and unplug the power cord from wall outlet
Rotate the unit facing the back panel, and locate the Rear Grill Removal Screws (refer Image) Remove the screws with a screw driver.

Pull the rear grill panel upwards, until it is completely removed. Now, the honeycomb media can be seen. Clean the honeycomb media with fresh water.

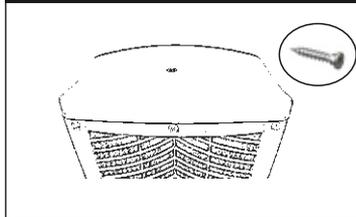
Once the cleaning has been completed, assemble the unit as described above.

Plug into the power supply and turn unit on.

Water Drain Plug



Open Screw



TROUBLESHOOTING GUIDE

No discharge of air	Cord is not plugged in	Make sure power cord is plugged in and the supply switch is on.
	Power is not on	Turn the unit ON by changing the mechanical knob position of the control panel
	Motor Faulty	Contact Service Centre
Not Cooling / Unit is making noise	Pump is not turned ON	On Control Panel. Turn COOL FUNCTION TO "ON"
	Low or no water in tank, when COOL is selected	Refill water tank.
	Damaged Pump	Contact service centre.
Odor omission	When the Cooler is new	When the unit is used for the first time, the Honeycomb Cooling Media will have an odor, which will dissipate within a week of initial use, This is normal.
	If the Cooler has been used. There may be an algae issue.	Water is stale Clean the tank and fill with fresh water.
		Clean the Honeycomb Media. If problem persists contact the service centre.

TECHNICAL SPECIFICATION MAXX AIR ULTRA			
Model	70MAUD1	95MAUD1	120MAUD1
Voltage	230V	230V	230V
Frequency	50Hz	50Hz	50Hz
Wattage	190W	190W	190W
Water Tank Capacity	70 Ltr.	95 Ltr.	120 Ltr.
Cooling Media	Honeycomb	Honeycomb	Honeycomb
Wheel size and qty.	50mm & 5 nos	50mm & 5 nos	75mm & 5 nos
Product Dimension(mm)	725x517x1110	725x517x1220	725x517x1300
	14	15.2	16.5

Note: Due to continuous research and development the design & specification are subject to change without prior notice.

SERVICE AND WARRANTY

This appliance is warranty for 1 year Comprehensive product warranty against manufacturing defect and 1 year extended warranty on pump and main motor for replacement against manufacturing defect from the date of purchase. Chargeable service visit charge will be applicable after completion of 1 year and will be borrow by customer. In the event of any complaint, please contact Usha Care at **Toll Free No.1800 1033 111** or email at **usha_care@usha.com** or log on to **care.usha.com**.

The warranty is valid only when:

- 1) The appliance has been installed, used and maintained in accordance with the instruction manual.
- 2) The warranty card and cash memo duly signed by the authorised dealer are presented with the complaint.
- 3) The application has not been opened or tampered with by any unauthorised person.

This warranty does not apply for:

- 1) Damages due to chipping, peeling, plating and denting,
- 2) Breakage or damage to components made out of Bakelite, Urea, ABS, SAN and such plastic materials, rubber parts and cord.
- 3) Normal wear an tear of parts.
- 4) Damage resulting from accidents, mishandling or negligence on part of the customers.

Liability for consequential loss or damages:

- 1) The Company will not be liable for any loss or damage arising/resulting from indirect or consequential loss or damages.
- 2) The Company aggregate liability in respect of all claims under the Warranty shall not exceed the original purchase of the Product with a like or similar Product.
- 3) The Company excludes all other warranties conditions, terms, representations and undertakings whether express or implied.

Jurisdiction:

- 1) The courts at shall have exclusive jurisdiction to resolve any disputes between the parties arising under Terms and Conditions of Warranty.

S.NO.: _____

CASH MEMO: _____

DATE: _____

DEALER'S NAME AND ADDRESS: _____

OWNER'S NAME & ADDRESS: _____

USHA careTM

— Toll free —

1800-1033-111

USHA INTERNATIONAL LTD.

(ISO 9001:2015 Certified Company)

Plot No 15, Institutional Area, Sector-32, Gurugram - 122001 (Haryana) India

Tel: +91-124-4583100, Fax: +91-124-4583200

E-mail: usha_care@usha.com Website: www.usha.com

Regd. Office: Surya Kiran Building, 19 K.G. Marg,

New Delhi (India) Tel:+91-11-23318114 Fax:+91-11-23318118