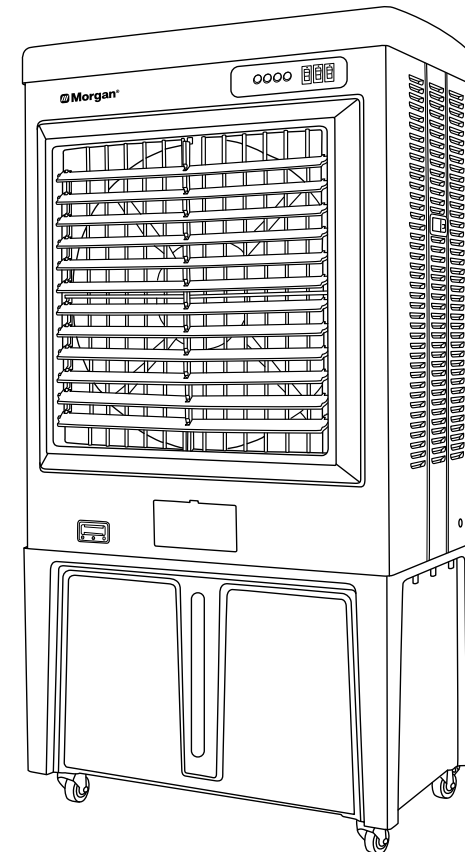




USER MANUAL



Air Cooler

MAC-AMPLEFLOW 16



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C O N T E N T S

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Thank you for purchasing a quality MORGAN appliance. We trust that you will have a pleasant experience with your new product. To guarantee safety and best efficiency, please read this manual carefully and keep a copy for future reference.

IMPORTANT SAFEGUARDS

When using electric appliances, basic safety precautions should always be adhered to, including the following:

- Read all instructions carefully and retain them for future reference.
- Before connecting to the power supply, ensure that the unit is earthed and its voltage corresponds to the voltage indicated on the power supply rating label.
- Inspect the power cord for any signs of damage, and have it replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 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.
- Keep the appliance away from children.
- It is hazardous for anyone other than authorized service personnel to carry out servicing or repairs which involves the removal of covers. To avoid the risk of an electric shock do not attempt to repair this appliance yourself.
- Do not operate the appliance with a damaged power cord or power plug.
- It is not recommended to use an extension cord to operate this appliance.
- Do not leave or place the power cord under a carpet, or cover it with rugs. Always keep the power cord away from areas where it
 - may be accidentally tripped over.
- Always unplug the appliance before refilling the water tank.
- Always disconnect the appliance from the power supply outlet before cleaning, servicing or moving the unit.
- **IMPORTANT:** Disconnect the power cord from the power supply outlet by grasping and pulling on the power cord plug end only. Never pull the power cord.
- Do not use any corrosive or solvent detergent for cleaning. It is recommended to only use a wet cloth to wipe the appliance instead of flushing the machine.
- Avoid exposing the appliance to direct sunlight.
- Do not operate the appliance in areas where gasoline, paint or other flammable goods and objects are stored.
- If the appliance is damaged or malfunctions, do not continue to operate it. Refer to the troubleshooting section and /or consult a qualified service technician. Never attempt to modify or repair the appliance yourself.
- Always place the appliance on a level, stable floor surface.

IMPORTANT SAFEGUARDS

- Do not operate this appliance in wet or damp locations, such as bathrooms or outdoors where it may be exposed to rain.
- Do not cover the air inlet or outlet on the appliance as this may result in motor damage.
- Do not insert or allow objects to enter any ventilation or exhaust opening as this may damage the appliance 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 appliance operating unattended for any extended period of time.
- Always disconnect the appliance from the power supply outlet during filling and cleaning.

SPECIFICATIONS

MODEL NO.	MAC-AMPLEFLOW 16
RATED VOLTAGE	220-240V~
FREQUENCY	50Hz
RATED WATTAGE	660W
WATER TANK CAPACITY	134.5L
PRODUCT SIZE (mm)	720L x 475D x 1455H

OPERATION INSTRUCTIONS

FILLING WATER:

There are two (2) ways to fill water.

METHOD 1:

- Open the cover plate (see Figure 1)
- Fill slowly with clean water.

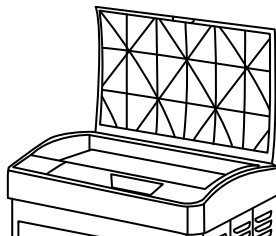


Figure 1

OPERATION INSTRUCTIONS

METHOD 2:

- Open the water filling door located at the bottom of the appliance (see Figure 2).
- Fill slowly with clean water.

IMPORTANT: Ensure filled water does not exceed the maximum level for both methods (see Figure 3).

AUTO WATER FILLING:

- This appliance is equipped with an auto water fill device (see Figure 4).
- The appropriate water pipe (13 mm diameter) is connected to the pipe opening.
- The internal float ball would automatically open or close the water fill valve according to the water level.

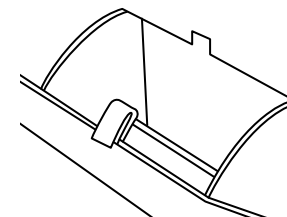


Figure 2

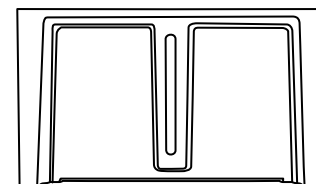


Figure 3

USING THE COOLER PACK

- First time use: open the lid, fill water up to the level, then tighten the lid.
- Set aside for 30-40 minutes until the water and ice crystals mix completely.
- Place the Cooler Pack into the refrigerator's freezer compartment for two hours.
- Remove the Cooler Pack from the freezer and place it into the air cooler's ice container to cool down the water temperature.

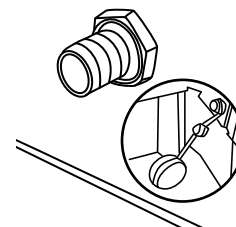


Figure 4

NOTE:

- After prolonged use, the ice crystals will turn into jelly. To retain its efficacy, place it into the refrigerator's freezer compartment again. It can be recycled and reused.
- The drainage outlet is located at the bottom of the ice box, as shown in Figure 5.
- Loosen the drainage nut and tilt the appliance, so water inside the tank can be completely emptied.
- The machine should be regularly drained and cleaned.
- Empty the water tank if it is not used for a long time.

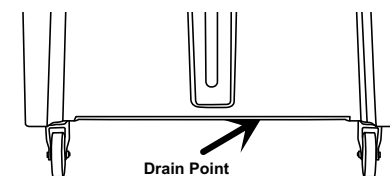
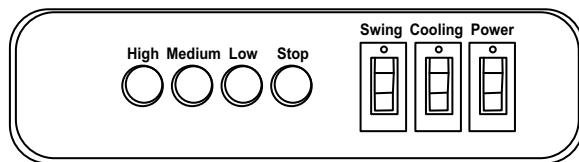


Figure 5

CONTROL PANEL



BUTTON	FUNCTION
Power	Controls the power ON/OFF
Stop	Stops fan operation
High / Medium / High	Press to select the desired wind speeds →High / Medium / Low
Cooling	Power ON or OFF the cooling function
Swing	Controls the Left-Right swing. Press again to stop the swing function

IMPORTANT: Do not operate the cooling function with the water tank empty.

CARE & CLEANING

- After prolonged operation, dust will accumulate on the pre-filters and the wet curtain. This will affect the airflow and air purity.
- It is recommended to clean the appliance regularly.

CLEANING THE PRE-FILTER

Turn off the power, loosen the screws, then detach the pre-filter and clean it using a soft brush and mild detergent. Rinse under running water and allow to dry naturally.

CLEANING THE WET CURTAIN (HONEYCOMB)

- Turn off the power, loosen the screws in the back-cover plate, and detach the back-cover plate.
- Loosen the plastic nuts on the wet curtain so that the side of the wet pad can be removed. Clean it using a soft brush and mild detergent. Rinse under running water and allow to dry naturally before installing back to the appliance.

NOTE: Replace a new wet curtain if stubborn dirt is difficult to remove after long-term operation.

CLEANING THE EXTERIOR

- Turn off the power and clean using mild detergent and soft cloth.
- Note: Do not spill or splash water onto the control panel.

TROUBLESHOOTING

Note: Stop operating the appliance should you encounter any abnormalities or malfunction. Disconnect power cord from the power supply and refer to this troubleshooting guide for possible faults. Do not attempt to disassemble and modify or repair the appliance yourself.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
LED display light is not lit	1. Power cord is unplugged or poor contact. 2. Damaged LED screen 3. Circuit board error.	1. Connect to the power supply outlet again. 2. Replace LED screen. 3. Replace circuit board.
Water pump not working	1. Water-pipe blockage. 2. Water pump problem. 3. Poor water quality that produces scale, causing obstruction to the central shaft.	1. Use a small brush to clean the pipe to ensure smooth water flow. 2. Replace a new water- pump. 3. Detach the central shaft, remove dirt on the surface, add proper lubricating oil and assemble back.
No wind / speed is too slow	1. Fan blades are stuck. 2. The filter is blocked. 3. Fan blade is not working. 4. Main control panel error.	1. Inspect the fan blade. 2. Clean or replace filter. 3. Replace fan blade. 4. Replace main control panel.
Motor is out of control	1. Main control panel button has malfunctioned. 2. The wiring of the motor and control panel is disconnected.	1. Replace main control panel. 2. Replace new wiring to connect the motor and control panel.
Drain valve is leaking	1. Drain valve is broken. 2. Rubber band drop.	1. Replace the drain valve. 2. Add a new rubber band.

To ensure your personal safety, please follow the instructions above carefully.