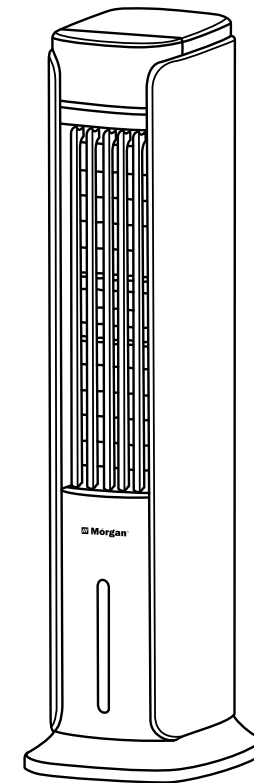


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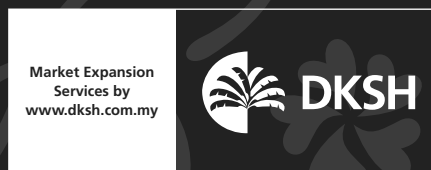
USER MANUAL



Tower Air Cooler

MAC-COOL T1

 **Mórgan®**



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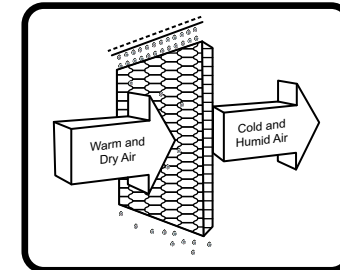
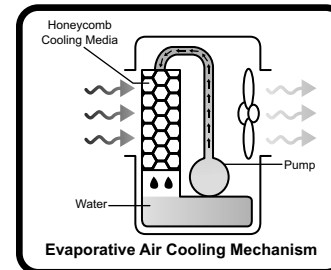
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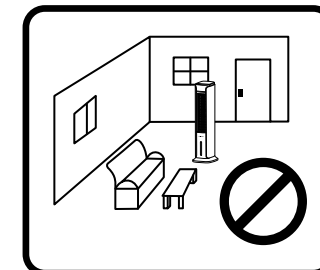
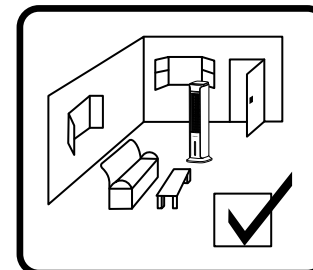
Thank you for purchasing a quality MORGAN appliance. We trust that you will have a pleasant experience with your new product. To guarantee safety and best efficiency, please read this manual carefully and keep a copy for future reference.

INTRODUCTION TO EVAPORATIVE AIR COOLING

- An air cooler works on the principle of evaporative cooling where water is used to cool the air during the evaporation of water.
- Warm and dry air is channelled through an evaporative honeycomb cooling media, and where water is moved with the help of a water pump.
- The flowing water extracts the heat from the warm air and starts to evaporate leaving behind cool, fresh and moistened air which is then directed via a fan into the room.
- The evaporative air cooler works best when placed near an open window / air current to ensure a constant circulation of fresh air.



- The recommended relative humidity for optimum operation is 60% or lower.
- It is not recommended to operate this appliance in enclosed or sealed spaces.
- During operation, the appliance must be kept level and there must be water in the tank.
- Doors and windows should be open to allow free air flow. The appliance can also be used to humidify dry environments (during cool weather).
- This appliance is not an air conditioner as it does not use a compressor or refrigerant. It should not be expected to cool as effectively as a refrigerated air conditioner.
- **NOTE:** The Honeycomb cooling media will release an odour during first use, which should dissipate within a week of continuous use.



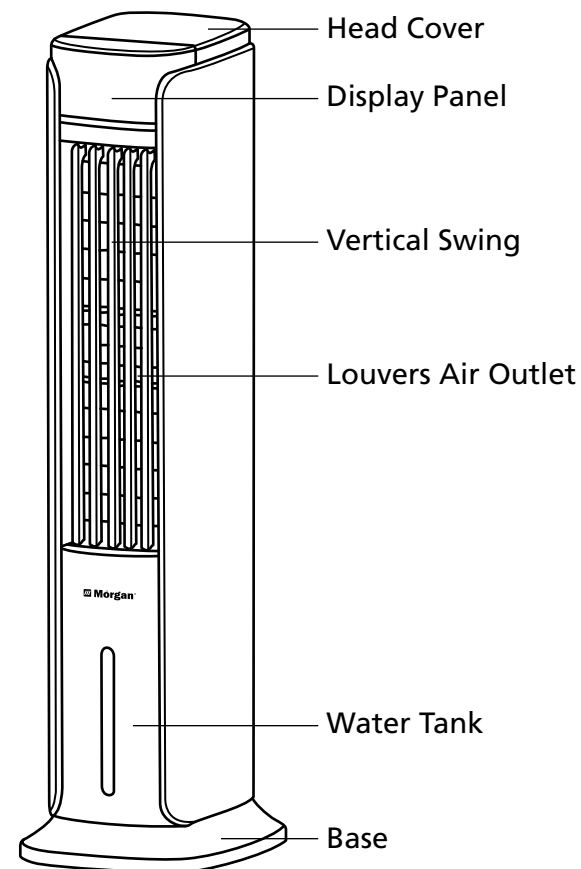
IMPORTANT SAFEGUARDS

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.
- 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.
- Read all instructions in this manual before using the product.
- Use the appliance only on a flat surface.
- Never try to open or repair this device yourself. It would run a risk of electric shock.
- If the power cord is damaged, it must be replaced by the manufacturer, after-sales service or similar qualified personnel in order to avoid any danger.
- Do not handle the product for any reason after the appliance malfunctions. Send the device to an authorized technical service for review, adjustment or repair.
- This device is not intended for use by persons (including children) whose physical, sensory or mental abilities are reduced, or lack experience or knowledge, unless they have had supervision or instructions concerning the use of the device. by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the device.
- Never touch the power cord, power plug, or other components or operate the buttons with wet hands to avoid the risk of electric shock.
- Power off the appliance when not in use, disconnect from the power supply and discard all water inside the tank.
- Ensure the water level inside the water tank does not exceed the MAXIMUM level at any time. Also, do not allow water level to fall below the MINIMUM level when in Cold Mode.
- After adding water to the tank, do not tilt or handle the appliance forcibly to avoid water spills.
- Use a damp cloth to clean the appliance. Do not use any detergents to clean or rinse with water.
- Water left inside the tank for long durations can release foul odours. It is recommended to replace the water frequently up to the MAXIMUM level.
- Do not place the appliance directly under a power supply outlet.
- Do not use the appliance outdoors, in or near a bath, shower or swimming pool.
- To ensure optimal air flow, do not place the appliance near the wall or curtains.

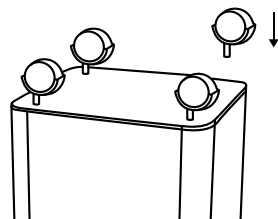
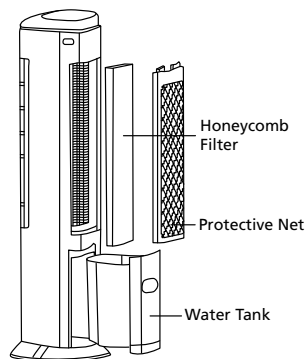
- Do not insert objects into air vents and outlets to prevent damage.
- Do not use the device near explosive and combustible gases.
- Store the appliance in a dry place out of direct sunlight when not in use or not exposed to rain to prevent the risk of electric shock.
- Important: Improper installation, repair, maintenance or modification performed by unauthorized person(s) may result in injuries / damage to property and will automatically void the appliance's validity.
- The warranty will also not be valid if the product is used for commercial and non-domestic purposes or is used improperly, not following the instructions throughout this manual.

PARTS IDENTIFICATION



BEFORE FIRST USE

1. Open the protective net on the back of the appliance.
2. Ensure the Honeycomb Filter is installed properly close to the back screen of the machine, and not skewed up and down or left or right.
3. After inspection, reinstall the Honeycomb Filter and protective net in place.
4. Open the water tank lock on the back of the product, detach about one half of the water tank to ensure the water pump is locked into the water tank slot.
5. Add clean, cold water and ensure water does not exceed the MAXIMUM water level.
6. For best cooling effect, place ice cubes into the water tank.
NOTE: Do not place ice cubes excessively into the water tank to avoid overflowing after melting.

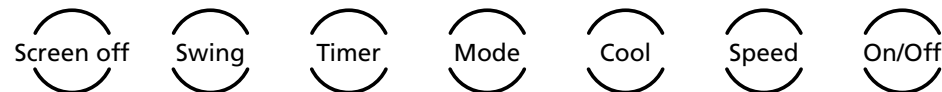


SLIDING WHEEL ASSEMBLY

1. Place the appliance on a flat surface and turn it over.
2. Insert wheels in the holes and press down firmly.

OPERATING INSTRUCTIONS

1. Select a suitable location to place the appliance, taking into account the Safety Instructions mentioned above.
2. Connect the power plug into an appropriate power supply.



ON/OFF BUTTON

- Press this key once, and the machine will operate at speed 1 (normal speed).
- The display panel will show "01", and the corresponding indicator will illuminate.
- Press this key again to switch to standby operation.

SPEED BUTTON

- When the display panel show "01", press this button repeatedly to alternate the fan speed in the order of 2 - 3 - 1, for changing the wind mode.
- The display panel will show the order of 02 - 03 - 01.

MODE BUTTON

- In operation standby, the normal wind mode indicator is on.
- Press this key repeatedly to alternate the wind mode in the order of "NATURAL WIND – SLEEPING WIND – NORMAL WIND".
- The display panel and the corresponding indicator light will illuminate.
- **NORMAL WIND:** the machine supplies air stably according to the preset wind speed.
- **NATURAL WIND:** the machine simulates natural wind according to the preset mode. The maximum wind speed is dependant to the wind speed setting and divided into natural wind with 3 speed settings.
- **SLEEPING WIND:** The machine simulates air supply according to the preset mode, and generally divided into three speed settings.

SCREEN OFF BUTTON

- In standby operation, press this key once to enter the screen-off mode, all indicator lights will go out, and the machine will work normally.
- Press this key again to terminate the screen-off mode, and all indicator lights will return to the normal working state.

TIMER BUTTON

Scheduled power-on function:

- In standby mode, press the TIMER button once and the TIMER indicator light will illuminate and flash. The display panel will display 00.
- Press this button repeatedly to increase preset time by 1 hour up to a maximum of 12 hours (00 denotes cancelling timer) and the display panel will switch cyclically in the order of "00 - 01.....12-00". After timer is set, the display panel will flash for 5 seconds and show the speed setting.
- After setting the scheduled power-on timer, you can set the scheduled power-on status for "Speed", "Screen off", "Cool" and "Swing".
- Press the "Mode On/Off" button to cancel the scheduled power-on function.

Scheduled power-off function :

- In operation, press the TIMER button once the TIMER indicator light will illuminate and flash. The display panel will display 00.
- Press this button repeatedly to increase preset time by 1 hour up to a maximum of 12 hours. After selected wait for 3 second and the timer off function is on. (00 denotes cancelling timer)

SWING BUTTON

- In operation standby, press the SWING button once to swing the vertical swing louvers and the SWING indicator will illuminate.
- Press this key repeatedly to swing the vertical swing louvers between "STOP – SWING – STOP".

COOL BUTTON

- **IMPORTANT:** The cool function cannot be operated without water in the tank.
- Press the COOL button to turn on the Humidifying/Cooling function, which cools the air.
- Press the button again to turn it off. The cool symbol will flash when the water tank requires water or is empty. The cool function cannot operate without water inside the tank.
- When the COOL function is turned OFF, the appliance will function as a normal fan and the water will not cycle to cool the air.

- Insert 2 x AAA batteries (not supplied). There are 7 buttons on the remote control with the same function as the control panel.
- Point the remote control at the appliance to operate. The effective distance is up to 6 meters.
- Store the remote control when not in use and remove the batteries.

IMPORTANT:

- Do not mix old batteries with new ones.
- Please remove the batteries if the remote is not in use for long periods.
- Dispose of batteries responsibly at your local hazardous waste collection site or recycling facility.

CLEANING THE UNIT:

WARNING: Disconnect power plug from the power supply before proceeding with cleaning.

It is recommended to replace the water on a daily basis to help keep the Honeycomb Filter and tank clean and free from odours.

CLEANING THE REAR AIR FILTER PROTECTIVE SCREEN

- Turn off the power supply and disconnect the appliance.
- Hold the handle at the top on the air filter protective screen at the rear of the unit and carefully pull away from the machine.
- Remove the Honeycomb Filter. Clean the filter protective screen with neutral detergent and a soft cloth. Rinse it thoroughly with clear, clean water and leave to dry.

CLEANING THE HONEYCOMB FILTER

- Clean the Honeycomb Filter carefully with neutral detergent and soft brush. Then rinse thoroughly with clean water.
- After cleaning re-install the Honeycomb filter into the rear of the unit and re-insert the air filter protective screen carefully back into position.

IMPORTANT: The Honeycomb Filter must be installed correctly in order to avoid leaking.

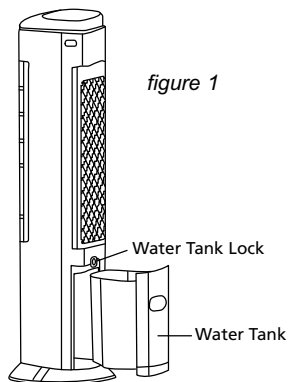
CLEANING THE WATER TANK

Precaution:

- When you don't use the product. Please clean the water tank and dry it before keep in store.
- Please unplug the power plug when adding water and cleaning.
- Transportation may cause displacement of the water pump. Before use, please confirm whether the water pump is fixed in place. Wrong placement of water pump may cause abnormal water filling of the product.

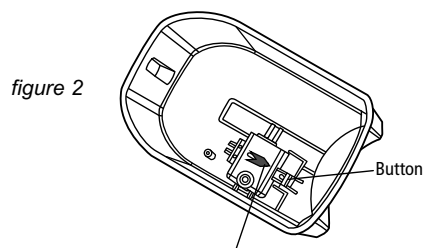
Water adding method:

- Turn the lock of the water tank to the horizontal state.
- Draw out half of the water tank. (**NOTE 1:** do not draw out too much water tank to prevent the water pipe falling off) (**NOTE 2:** add water not exceeding the maximum water level)
- After confirming that the water pipe is OK, push the water tank into place. (**NOTE:** the water pipe shall not be bent to avoid no water supply)



Water tank cleaning method:

- Cut the cable tie that secures the water pump. (For the first time only)
- Remove the water pump according to figure 2 below. After remove the water pump, the water tank can take out for cleaning.
- After cleaning, restore back the water pump and the water pump will be installed back in place.



After cutting and removing the cable tie, loosen the button in the direction of the arrow and take out the water pump

Cleaning the EXTERIOR

- Clean carefully with neutral detergent and soft cloth.
- **IMPORTANT:** Turn off and disconnect the power plug from the power supply when cleaning the appliance.
- Do not wet the surface of the control panel

Model	MAC-COOL T1
Rated Voltage / Frequency	220-240V~ 50-60Hz
Rated Wattage	85W
Water Tank Capacity	6L



ENVIRONMENT-FRIENDLY DISPOSAL

- Meaning of crossed – out wheeled dustbin:
- Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
- Contact your local government for information regarding the collection systems available.
- If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
- When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.