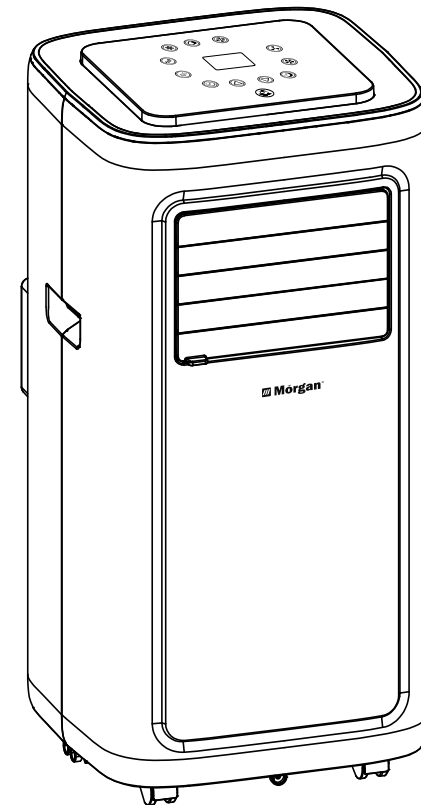


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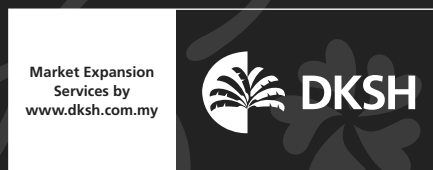
USER MANUAL



Portable Air Conditioner

MAC-080 DANDELION

Mórgan®



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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.

FOR HOUSEHOLD USE ONLY

IMPORTANT SAFEGUARDS

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

1. Read all instructions carefully and retain them for future reference.
2. Before connecting to the power supply, be sure to follow local power requirements when installing the portable air conditioner and ensure that it is properly grounded. If you have any question on electrical installation, follow the instructions of the manufacturer, and if necessary, ask a professional electrician to install it.
3. Always disconnect appliance from the power supply when not in use or before cleaning.
4. Always attach the power cord to the appliance BEFORE connecting it to the power supply. To disconnect, switch off appliance first before detaching the power plug from the power supply.
5. Close supervision is necessary when any appliance is used by or near children.
6. This portable air conditioner is suitable for indoor use only, and not for other applications.
7. For best performance, place the machine on a stable surface, in a dry area while allowing a distance of over 50cm between the machine and the surrounding objects or walls.
8. Ensure that the power plug is securely connected to the power supply and the power cord is safely tucked away to prevent accidental tripping over.
9. Do not insert any foreign objects into the air inlet and outlet of the unit. Keep air inlet and outlet free from obstructions.
10. Do not operate appliance with damaged power cord or power plug or after the appliance malfunctions or has been damaged in any manner. In such a situation, it is recommended to return the appliance to your nearest Authorized Service Centre for examination, repair, or adjustment.
11. The use of accessory attachments not recommended by the appliance manufacturer may cause hazard or injury.
12. Ensure the installed drainage pipes are properly connected and are not distorted or bent in any manner. Use hands to gently adjust the air outlet's upper and lower wind- guide strips to avoid damaging the wind-guide strips.
13. Ensure unit is in an upright position when moving it.
14. Place unit away from gasoline, stoves, flammable gas and other heat sources.
15. Do not attempt to disassemble, modify or repair the unit yourself to avoid machine malfunction and/or personal injuries and damage to property.

IMPORTANT SAFEGUARDS

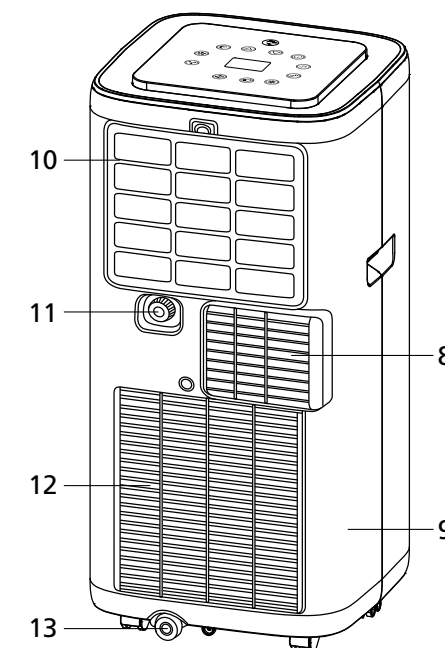
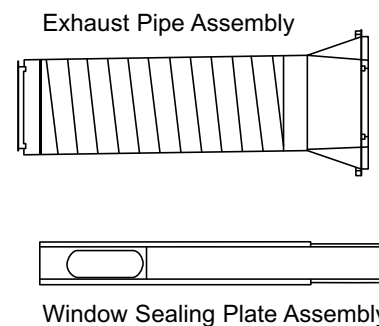
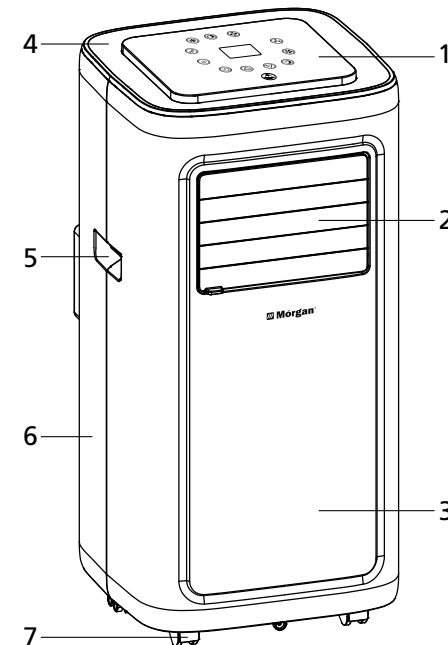
16. Do not install and use the unit in the bathroom or other humid environments.
17. **WARNING:** Do not yank on the power plug to turn off the unit to prevent short circuits and/or personal injuries.
18. Do not place cups or other objects on top of the unit to prevent water or other liquids from spilling into the unit's internals.
19. Do not spray insecticide or other flammable substances on/near the unit.
20. Do not wipe or wash the unit with chemical solvents such as gasoline and alcohol.
21. Always power off the unit before cleaning the unit.
22. The unit can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children are advised not to play with the unit nor should they be allowed to clean and maintain it without supervision.

FEATURES

- New look, compact structure, streamlined design with luxurious feel.
- Cooling, dehumidification and fan function.
- Continuous Water Drainage Functions.
- Control panel with LED display.
- User-friendly remote-control design.
- Smooth heat dispersion system for optimum cooling performance.
- Air filtration capability.
- Timing switch function.
- Auto restart protection function upon restarting the compressor after three minutes.

PARTS IDENTIFICATION

1. Control Panel
2. Air Outlet / Louver
3. Front Housing
4. Top Cover
5. Handle
6. Rear Housing
7. Caster
8. Air Vent
9. Rear Housing
10. EVA Filter
11. Continuous Drainage Outlets
12. CON Filter
13. Drainage Outlet



INSTALLATION

WARNING: before using the portable air conditioner, keep it upright for at least two hours.

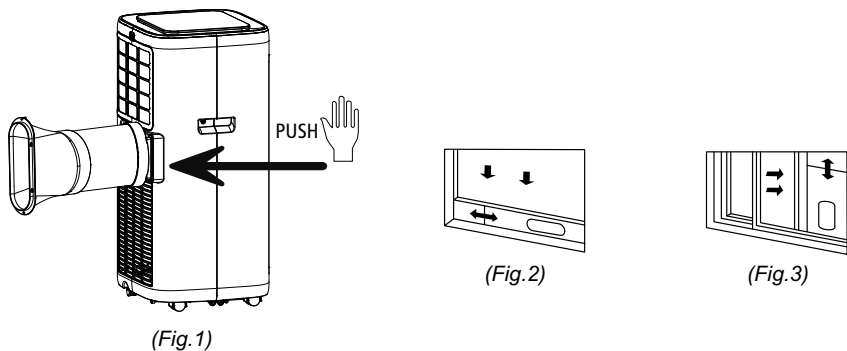
- The portable air conditioner can be easily moved anywhere around the house.
- When moving, ensure that the unit is in the upright position and placed on a flat, stable surface.
- Do not install and use the air conditioning in the bathroom or other humid environments.

A. Install the heat pipe assembly

secure the heat pipe assembly (exhaust fitting end) into the exhaust port on the rear panel. (Fig.1)

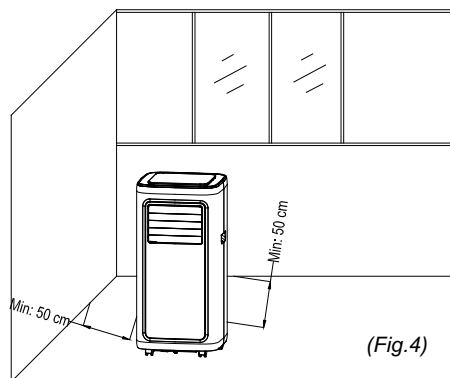
B. Install the window sealing plate assembly

1. Half open the window and mount the window sealing plate assembly to the window (Fig.2 & Fig.3); the assembly can be placed in horizontal and vertical direction.
2. Pull the window sealing plate assembly components open, adjust their opening distance to bring both ends of the assembly into contact with the window frame.
3. Fix the components of assembly and install the window sealing plate assembly



C. Install the body

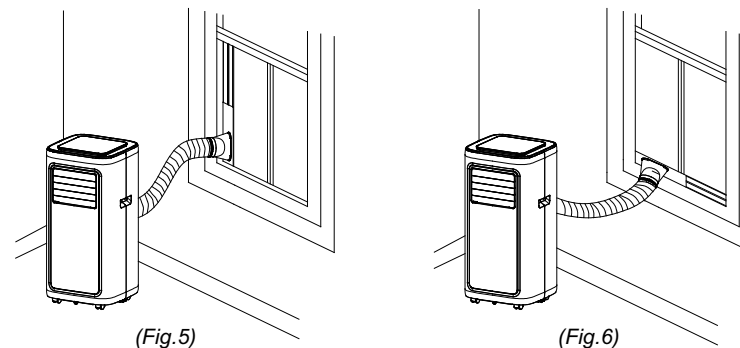
1. Move the machine with installed heat pipe and fittings to the window with an allowable distance of at least 50cm between the body, walls or other objects (Fig.4).



2. Elongate the exhaust pipe and snap its flat end into the window sealing plate crevice assembly (Fig.5 & Fig.6).

NOTES:

- The flat end of the exhaust pipe joints must be snapped into place.
- The pipe cannot be distorted nor bent (greater than 45 °).
- Ensure the exhaust pipe's ventilation is free from any obstruction.

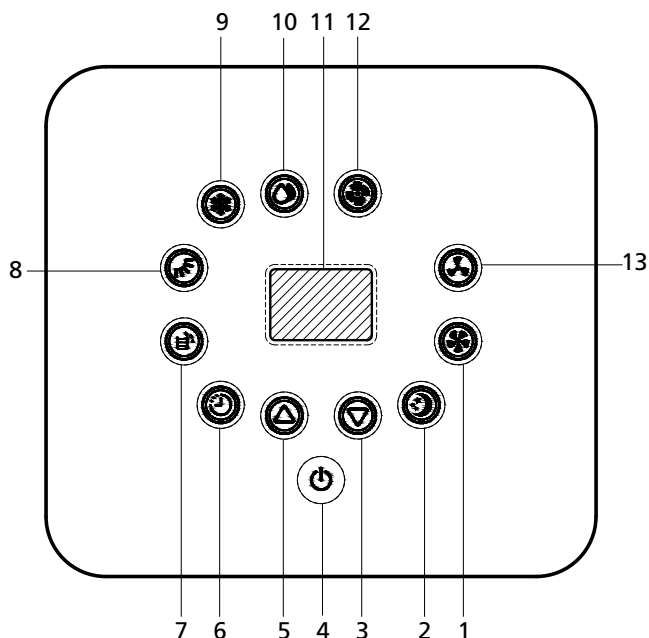


IMPORTANT

- The length of the exhaust hose is 280~1,500mm, based on the unit's specifications.
- Do not use extension tubes or replace it with other different hoses, or this may cause a malfunction.
- The exhaust hose must be not obstructed to prevent overheating.

LED CONTROL PANEL

1. High Speed
2. Sleep Mode
3. Down Selection Key
4. Power Key
5. Up Selection Key
6. Timer Key
7. Water-full Indicator
8. Auto Swing Key
9. Cool
10. Dehumidifier
11. Display Window
12. Fan Mode
13. Low Speed



1. A buzzing tone will play when the unit is powered on for the first time before entering into standby mode.
2. **POWER KEY:** Turns the unit ON/OFF.
3. **MODE SELECTION KEY:** In the case of power on, press the key to switch between cooling → dehumidifying → fan mode.
4. **UP KEY** and **DOWN KEY:** press the two keys to change the setting temperature or setting time, operate as follows:
 - While setting temperature, press up key or down key to select the required temperature (not available in fan or dehumidifying mode).
 - While setting time, press up key or down key to select the required time.
5. **WIND SPEED SELECTION KEY:**
 - In cooling mode, press the key to select high and low wind speed.
 - In fan mode, press the key to select high and low wind speed.
6. In dehumidification mode, pressing the key is invalid, and the fan will forcibly choose low wind speed operation.

7. TIMER KEY:

- When power on, press the key to close timer; When power off, press the key to open timer.
- Press the key, when the timing symbol flashes, press up and down key to select the required timing value.
- Timing values can be set in 1-24 hours and the timing value is adjusted up or down by one hour.








8. SLEEP MODE:

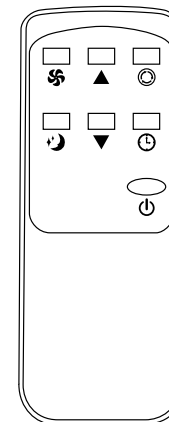
In cooling mode, press the UP and Fan Key to turn on the sleep mode for Energy-Saving and silent operations.

NOTE: DO NOT turn on the sleep mode when operating in dehumidifying or fan mode.

REMOTE CONTROL

Instructions of key operation of the high-quality remote control are as follows:

1. () Powers the unit ON/OFF
2. () Timer setting key
3. () Down key to reduce temperature and set timer
4. () Up key to increase temperature and set timer
5. () Mode key to switch between cooling, dehumidifying, fan mode
6. () Fan key to select between high, low wind speeds
7. () Sleep key to turn on the sleep mode



PROTECTION FUNCTIONS

FROST PROTECTION FUNCTION

- In cooling, if the temperature of the EVA pipe sensor is too low, the machine will automatically enter protection mode.
- If the temperature of the EVA pipe sensor rises to a certain temperature, it will automatically revert to normal operation.

OVERFLOW PROTECTION FUNCTION

- When water in the water pan exceeds the maximum level, the unit will automatically sound an alarm.
- The W.F indicator will flash on the control panel to alert you to drain the water (see Drainage Instructions at the end of this chapter).
- After the water is emptied, the machine will get into standby status.

OPERATING INSTRUCTIONS

AUTOMATIC DEFROSTING

- In heating, the unit has automatic defrosting function. After defrosting, the machine will automatically return to standby status.

OVERHEAT PROTECTION

- To protect the unit's service life, the overheat protection protects the compressor and the lower motor from overheating by ceasing operation.
- The unit will revert to standby mode once the unit recovers.

COMPRESSOR PROTECTION FUNCTION

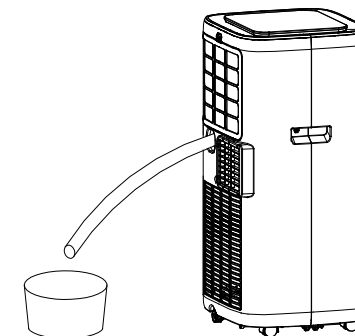
- To increase the service life of the compressor, it has a 3-minute delay booting protection function after the compressor is turned off.

DRAINAGE INSTRUCTIONS

CONTINUOUS DRAINAGE

(optional - applicable to dehumidifying mode only), as shown in figure above:

1. Unscrew the drainage cover and unplug the water plug.
2. Secure the drainage pipe into the water outlet.
3. Connect the drainage pipe to a bucket/pail.



DRAINAGE INSTRUCTIONS

MANUAL DRAINAGE

1. When the machine stops after the water pan is full, power off the machine power and unplug the power plug from the power supply.

NOTE:

Move the machine carefully so water inside the water pan is not spilled at the bottom of the unit.

2. Place the water container below the side water outlet behind the unit.
3. Unscrew the drainage cover and detach the water plug so water will automatically flow into a bucket/pail.

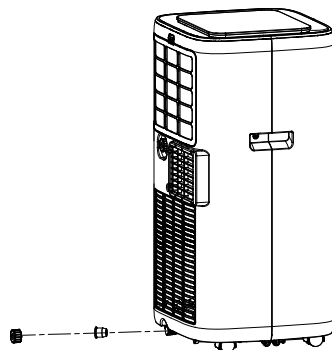
NOTE:

- Store the drainage cover and the water plug properly.
- During drainage, the unit can be tilted slightly backwards.
- Discard any excess water before the water container is to prevent water from flowing to the floor or carpet.

4. After discarding water, secure the water plug and tighten the drainage cover.

NOTE:

Restart the machine after installing the water plug and drainage cover otherwise excess water will flow to the floor or the carpet.



CARE & CLEANING

IMPORTANT: Power off the unit and detach power plug from the power supply before performing cleaning and maintenance.

CLEANING THE UNIT'S EXTERIOR

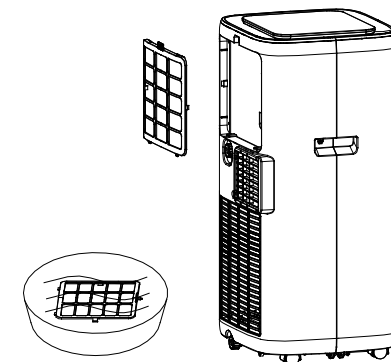
- Clean with surface of machine with a wet soft cloth.
- Do not use abrasive chemicals such as benzene, alcohol, gasoline, etc.; otherwise as these may damage the unit's exterior surface and finishing.

CLEANING THE FILTER SCREEN

- The unit will not operate optimally if the filter screen is clogged with dust.
- It is recommended to clean the filter screen once every two (2) weeks.

CLEANING THE UPPER FILTER SCREEN FRAME

- Clasp the wedging block of the EVA filter screen frame with hands.
- Force down from the outside to remove the EVA filter screen frame.
- Detach the four screws securing the EVA filter screen and the rear housing to remove the EVA filter screen (as shown in the above figure).
- Place the EVA filter screen into warm water with neutral detergent (about 40°C / 104°F) and dry it in the shade after rinsing clean.



STORAGE

- Detach the drainage cover, unplug the water plug, and thoroughly discard water remnants in the water pan by tilting the unit.
- Power on the unit.
- Adjust it to low-wind ventilation mode and maintain this function until the drainage pipe becomes dry to prevent mildew from forming.
- Turn off the unit, detach power plug from the power supply, and wrap the power cord around the wrapping post,
- Attach the water plug and the drainage cover.
- Detach the exhaust pipe and store it properly.
- Cover the unit with a plastic bag and store in a dry place away from dust and children's reach.
- Remove batteries of the remote-control and store them properly.

SPECIFICATIONS

MODEL NO.	MAC-080 DANDELION
RATED VOLTAGE	220-240V~
FREQUENCY	50/60HZ
RATED WATTAGE	900W

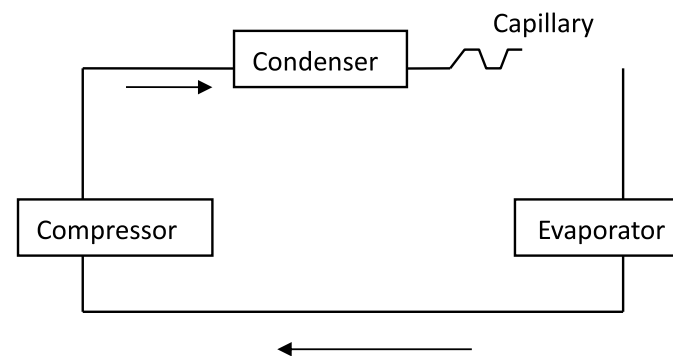
TROUBLESHOOTING

WARNING: Do not attempt to alter, disassemble, modify or repair the unit yourself to prevent personal injuries, damage to property and voiding the warranty.

Problems	Possible Reasons	Recommended Solutions
The unit is not operating	There is no power supply.	Power on the unit after connecting it to the power supply.
	The water-full indicator is flashing on the control panel.	Discard the water inside.
	The ambient temperature is too low or too high.	It is recommended to operate the unit at 7-35°C (44-95 °F).
	• In cooling mode, the room temperature is lower than the set temperature.	Change the set temperature.
	In dehumidification mode, the ambient temperature is low.	The unit is placed in a room with ambient temperature exceeding 17 °C (62 °F).
Temperature is not cool enough	There is direct sunlight in the room.	Draw the curtain.
	• Doors or windows are open. • Too many people in the room. • Too many heat sources.	• Close doors and windows. • Increase cooling levels.
	Filter screen is dirty & obstructed.	Clean or replace the filter screen.
	Air inlet and/or outlet is obstructed.	Clear obstructions.
Noisy operation	The unit is not placed on a flat & stable surface.	Place the unit on a flat and stable surface to reduce noise & vibrations.
Compressor not operating	Overheat protection starts.	Wait for 3 minutes for the temperature to normalize & then restart the unit.
Remote control not working	Distance between the unit and the remote-control is too far.	• Direct the remote-control closer to the unit.
	Remote-control not aligned to the remote-control receiver.	• Ensure remote-control directly faces the remote-control receiver.
	Batteries are dead.	Replace batteries.

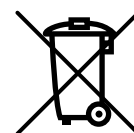
Problems	Possible Reasons	Recommended Solutions
'E1' error code	The room temperature sensor is abnormal.	Inspect the room temperature sensor and related circuitry.
'E2' error code	The pipe temperature sensor is abnormal.	Inspect the pipe temperature sensor and related circuitry.
<p>NOTE: Contact the authorized service agent or similarly qualified professionals to inspect the unit even after the recommended solutions do not work.</p>		

FOR SINGLE COLD PRODUCT



- Refer to the product specification nameplate for technical and specifications.
- The manufacturer reserves the right to alter, improve and/or modify specific design, features and functions without giving prior notice as part of its continuous improvement exercise.

CORRECT DISPOSAL OF THIS PRODUCT



This marking shown on the product or its literature indicates that it should not be disposed with other household wastes at the end of its working life. In order to prevent any possible harm to the environment or human health from the uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where purchasing this product from or their local government office for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.