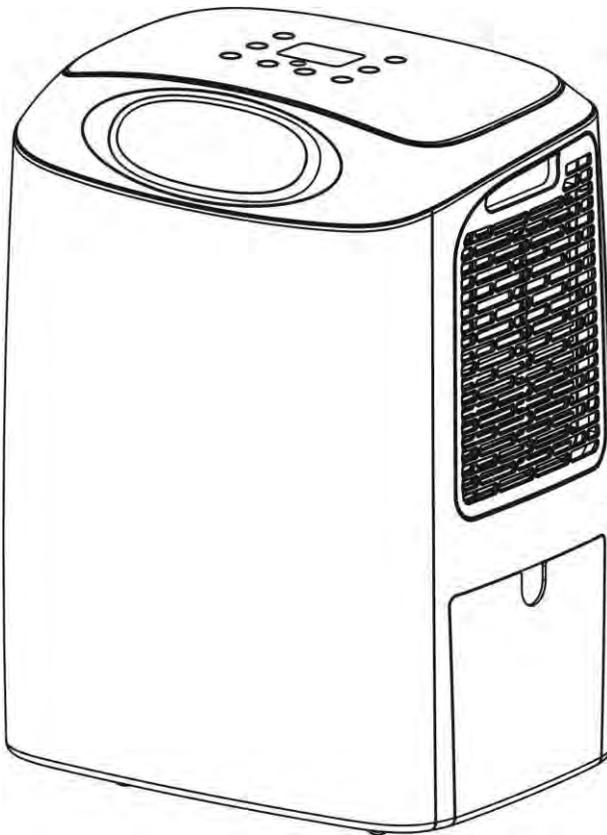




**MORRIS**

**MULTIFUNCTIONAL AIR  
TREATMENT UNIT MANUAL  
MODEL MDM-3018**



## **VERY IMPORTANT**

**Do not install and use your portable Air Treatment Unit before carefully reading this instruction guide. Please retain this manual brochure for product warranty and future reference**

## **CAUTION**

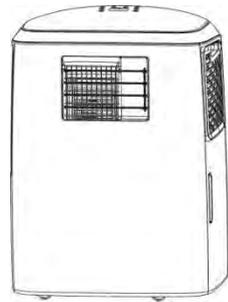
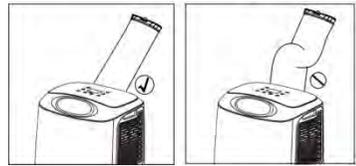
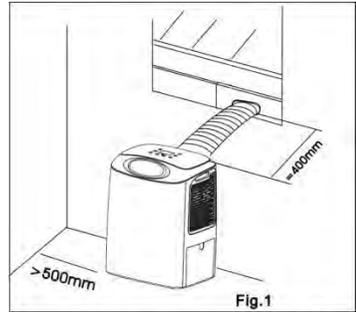
1. " PLEASE MAKE SURE THE PRODUCT VENTILATES ALL THE TIME "! Please make sure the inlet and outlet ventilation is not blocked at all times.
2. Operate this unit on a horizontal surface to avoid water leakage.
3. Do not operate this unit in an explosive or corrosive atmosphere.
4. Operate this unit in an ambient of 32 degree centigrade or less.
5. Clean air filter periodically to enjoy the most efficient cooling.
6. When the unit is shut off, please wait at least 3.5 minutes before restarting this is to prevent the compressor from being damaged.
7. This unit needs at least 7 Amps of electricity to have its compressor operational. To avoid the household electricity block out, please do not use any extension cord for this unit.
8. This unit is for indoor cooling, humidifying, dehumidifying and air filtering (optional).

9. When turning on the unit at the first time, the cool air outlet stepper motor will operate and then the fan motor and the compressor will start up. The compressor will work after 3.5 minutes operating hereafters.
10. When the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard.
11. In order to dispose the appliance safely, please remove the batteries from the unit before scrapping it.
12. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
13. Please drain off water when moving the unit.
14. Do not install the unit in the laundry room.
15. The unit should be installed according to the national wiring rules.
16. The heating function of the unit should be operated in an indoor ambient temperature between 5°C and 23°C.
17. This unit is only suitable for personal use in limited area.

## ATTENTION

For effective hot air and cooling functions, please ensure that the following steps are undertaken:

- 1) Extend the exhaust hose to a length of not more than 400mm. The exhaust hose must be kept parallel and must not be bent up or down.
- 2) A distance of 500mm minimum must be kept between the filter side of the unit and wall or any other obstacles”.
- 3) When this appliance starts to defrost, the word “DF” will be displayed .
- 4) To enjoy the hot air, please take down the hot outlet connector and exhaust pipe(as fig 2) when the unit starts cooling, face to the hot air outlet and then enjoy the hot air.



air

Fig.2

## **CONGRATULATIONS ON YOUR SELECTION OF A QUALITY MULTIFUNCTIONAL AIR TREATMENT UNIT**

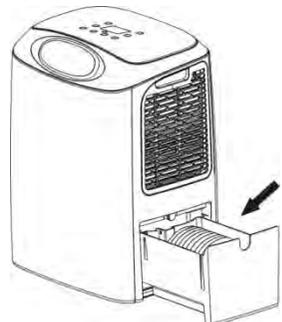
This Air Treatment Unit has been designed and manufactured to the highest standards of modern engineering.

Our product not only provides you a remote control to help user operate all the functions easily and conveniently but also has below benefits:

- Moves easily from room to room on easy glide castors
- No installation required-just plug into any household power outlet
- Powerful refrigerated air system cools down the ambience instantly whenever you want.
- Dehumidified and filtered air cycle improve breathing environments effectively.
- Besides the remote control, your one touch electronic pad also provides easy-identifying manual operation.
- 24 hour programmable timer that can be used with either the air conditioning or dehumidification setting
- Unique sleep control function, dehumidification, humidification and air purification.
- 220-240 Volt 50Hz operation
- 1.8 meter cord with plug

## UNPACKING INSTRUCTIONS

1. Place the unit in the correct upright position before unpacking.
2. Cut the two packing straps.
3. Slide the carton in an upwards motion and it will release from the base.
4. Lift the unit carefully to make it slides out of the foam base.
5. Pull out the water tank and take out the exhaust hose as the picture.
6. Install the exhaust hose on the unit before operating the unit.

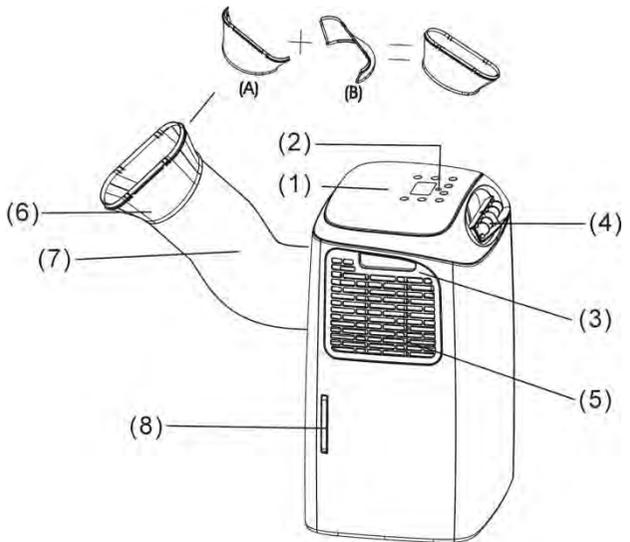


## CONTENTS

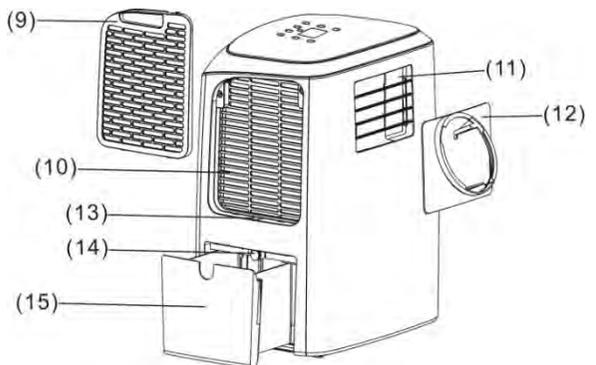
- 1 / Air conditioner unit
- 2 / Remote control
- 3 / User manual
- 4 / Window Kit A

## NAME OF THE PARTS

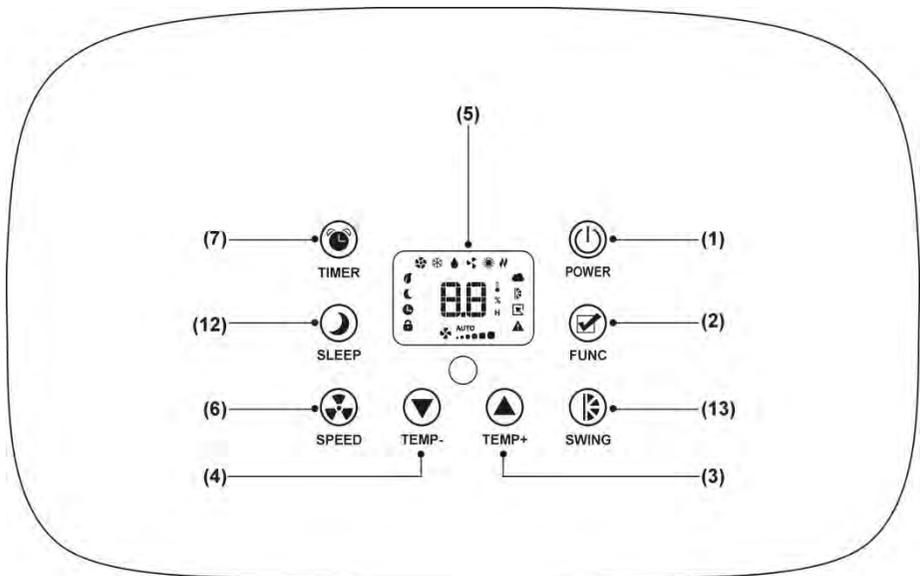
- 1. Control panel
- 2. Remote control receiver
- 3. Filter of EVA
- 4. Air outlet
- 5. Air inlet(left)
- 6. Joint tube
- 7. Exhaust hose
- 8. Remote control location



- 9. Filter of COND
- 10. Air inlet(right)
- 11. Exhaust air outlet
- 12. Exhaust air outlet joint
- 13. Filler
- 14. Drain hole
- 15. Water tank



# CONTROL PANEL & DESCRIPTION OF FUNCTION



	Purification		Heating
	Sleep		Heating (reserved)
	Timer		Digital display
	Child lock		Temperature sign
	Humidifying		Humidity percentage
	Swing		Hour
	Constraint (reserved)		Speed pattern
	Alarm	<b>AUTO</b>	Auto
	Auto (reserve)		Air speed
	Cooling		
	Dehumidifying		
	Air delivery		

**1. POWER  KEY**

Press to turn unit "ON" or "OFF"

** 2. FUNCTION**

Press this key to select dehumidifying, cooling, heating, humidifying, air delivery or air purification.

**3. TEMPERATURE REGULATION KEY  (+)**

During cooling function: This key raises the preset temperature by 1°C each time it is pressed and the maximum limit is 30°C.

During heating function: This key raises the preset temperature by 1°C each time it is pressed and the maximum limit is 25°C.

During dehumidifying & humidifying function: This key raises the preset humidity by 5% each time it is pressed and the maximum limit is 90%.

**4. TEMPERATURE REGULATION KEY  (-)**

During cooling function: This key lowers the preset temperature by 1°C each time it is pressed-and the minimum limit is 17°C.

During heating function: This key lowers the preset temperature by 1°C each time it is pressed-and the minimum limit is 15°C

During dehumidifying & humidifying function: This key lowers the preset humidity by 5% each time and the minimum limit is 30%

**HUMIDITY SETTING:**

“CO”(continuous)→30%→35%→40%→45%→50%→55%  
→60%→65%→70%→75%→80%→85%→90%→“CO”  
(continuous)circulation.

**5. LCD  DISPLAY**

The display indicates the current setting temperature or the timer setting. When the set temperature or the timer is adjusted, the new setting is shown then the display returns the current set temperature.

※ The display is also used to show error codes should a fault occur, see ERROR CODES.



## 6. SPEED

Press to select either LOW, HIGH or AUTO fan speed.

If "AUTO" is selected (During cooling function),"HIGH" or "MEDIUM" or "LOW" will be selected automatically according to the difference between setting temperature and ambient temperature.

The unit will be running on high speed if the ambient temperature higher than the setting temperature for 2°C. The unit will be running on low speed if the ambient temperature is same with the setting temperature.

## 7. PROGRAMMABLE



## TIMER

TIMER-ON: The timer-on is used to turn on the unit automatically after the set time is over.

1. Press the "TIMER" key at stand-by status to set the time you desired.
2. Once the set hour has come to an end, the unit will turn on automatically.
3. Press the "POWER" key before time out, the setting time will be canceled and the unit will turn on.
4. You can set the function and fan speed while setting the timer.

TIMER-OFF: The timer-off is used to turn off the unit automatically after the setting time is over.

1. Press the "TIMER" key at operating status to set the time you desired.
2. Once the set hour has come to an end, the unit will turn off automatically.
3. Press the "POWER" key before the time out, the setting time will be canceled and the unit will turn off.

## 8. FAN FUNCTION

During this mode, the unit only runs for the fan without involved the operation of compressor & water pump. The fan speed can be set from the panel.



## 9. DEHUMIDIFICATION

When ambient humidity is lower than setting humidity by 2%, compressor will stop automatically for 3.5 minutes, and return working until the ambient humidity is higher than setting humidity by 2%.



## 10. HUMIDIFICATION

1. The unit will stop automatically after four hours operating in this mode. Please put some water (Approx 0.8L) into the filler and turn it on again.
2. The unit will stop humidifying if ambient humidity is equal to the pre-set humidity. Otherwise it will work as the humidifying procedure<sup>1</sup>.
3. The fan motor and water motor will work, but compressor doesn't work.

## 11. PURIFICATION



Ionizer function will auto start when unit work. When select this function, the purification indicator light will be on and only the fan motor works. When the fan motor's life time is larger than 2000hrs, the indicator light will flash, and LCD display E8, it means the filter should be changed; Change the active carbon filter and press SPEED button for 3 seconds and alarm reset.

## 12. SLEEP CONTROL



### FUNCTION

1. While in cooling mode, press the SLEEP key to set the temperature. It increases 1 °C after an hour and at most increases 2 °C after 2 hours.
2. Press the SLEEP key again can cancel the setting.

## 13.



### SWING

Press this key and the outlet will oscillate and it will stop when this key is pressed again. The outlet will close up automatically when the unit stops working.

## 14. HEATING FUNCTION WILL START



### PTC

- (1) Heating function , temperature setting range is 15~25°C
- (2) Temperature can be set, when the environment temperature is lower than setting temperature, it will start heating
- (3) PTC will work only when the environment temperature < 25°C

## 15. ALARM

When the water tank is full, "E4" will be displayed on the display panel. To resume operation, please remove the rubber cap of the drain hose to drain out the water firstly. The E4 warning will disappear after draining, and then you can restart the unit by pressing the POWER key.

## 16. CHILD



### LOCK

Press "+" and "-" at the same time for three seconds, the unit will enter child lock function, and it will be unlocked by pressing the two buttons again.

# REMOTE CONTROL FUNCTION



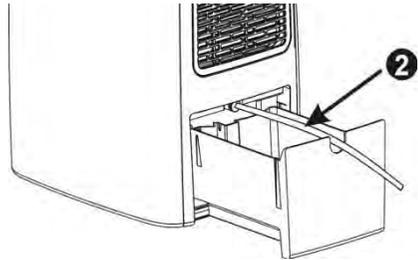
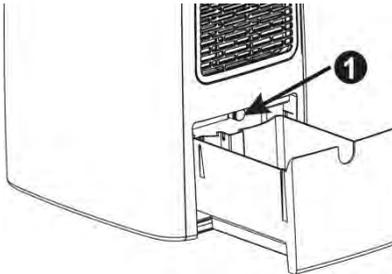
- 1. POWER 
- 2. FUNC 
- 3. TIMER 
- 4. AUTO 
- 5. HI 
- 6. LOW 
- 7. SLEEP 
- 8. TEMP.  
- 9. SWING 

- On/Off switch
- Function “MODE” selector
- Hourly programming
- Automatic fan speed
- High fan speed
- Low fan speed
- Night operation selector
- Temperature selector
- Swing

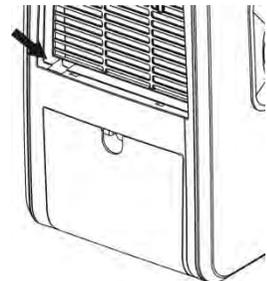
# NOTICE

This unit can evaporate the condensation and distribute through the exhaust hose automatically.

1. When the unit is in the cooling function, it does not need the drain pipe installed. Please make sure that the rubber cap ① is locked on drain hole, when the unit is running.
2. When operating the dehumidifying function the “①” rubber cap on drain hose should be pulled out and install a proper drain hose ②, please remove the air exhaust hose, connect a drain hose to the drain hole and lead the water to the outside in order to intensify dehumidifying capacity.  
※ When the water tank is full, "E4" will be displayed on the display panel. Please remove the rubber cap “②” of the drain hole to drain out the water first. After the drainage is completed, please restart the unit and then the unit can operate normally.



3. During the humidifying process, Please make sure the stopper is fixed well on the drain hole, pour water into the filler (as fig 1), this unit has innovative inner structure, the redundant water will flow into the water tank and the display screen will show E4 if the water tank is full. Stop pouring water and shake the unit gently, dry the water tank and reload the water tank, press the power button and restart the unit.

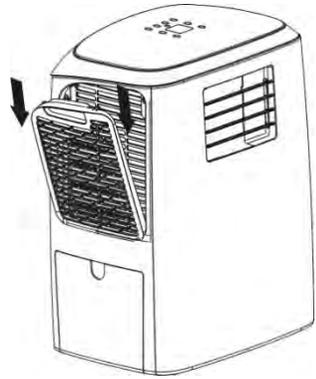


# MAINTENANCE

**PLEASE DISCONNECT THE POWER CORD BEFORE CLEANING.**

## AIR FILTER

1. The air filter located on both sides of the unit can be removed simply by pulling the frame out.
2. Wash the filter with cool water (cooler than 40°C) every two weeks, and put filter back after it air-dried naturally.



## CONDENSER/EVAPORATOR

Use a brush attachment with a vacuum cleaner.

### *Casing*

Wipe with a damp cloth and polish with a soft cloth.

When cleaning the filter, please remove it as the picture.

# POWER SUPPLY

- (1) **Confirm the correct power.**
- (2) **Insert the plug into the outlet firmly-In order to prevent any dangerous leakage.**
- (3) **Don't pull power wire by force because it will cause damage to power wire.**



# PLACE FOR USE

- (1) Because the machine distributes hot air, please don't place or operate in a narrow place.
- (2) In case of dangerous leak, don't work the machine in a humid place.
- (3) Don't place the machine in a sunlit corner otherwise the unit might shut down due to the overheat and the color of the machine may soon fade out.

# HELPFUL HINTS

The unit is fitted with a special thermal cut off device.

Please ensure the unit is not placed against objects which will obstruct air intake e.g. furniture or curtains as this will affect it's performance dramatically.

# WINDOW KIT INSTALL

- ◆ Install the Exhaust Hose and the Adjustable Window Slider Kit as depicted in Fig.1 & Fig.1a.



Window slider kit  
min: 55cm  
max: 100cm

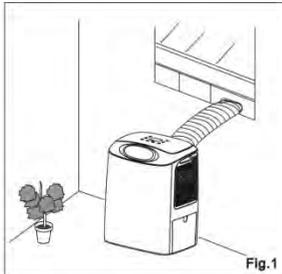
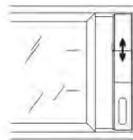


Fig.1



Window slider kit  
min: 55cm  
max: 100cm

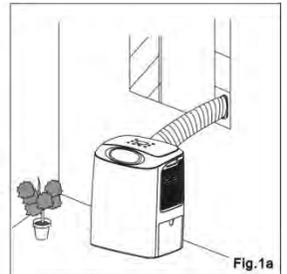
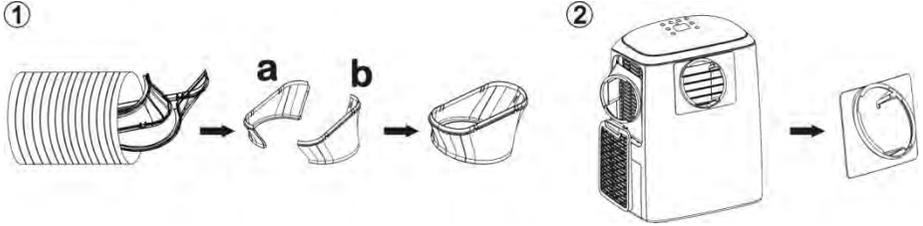
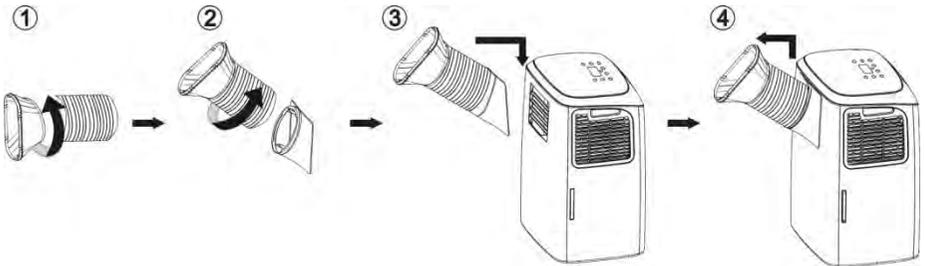


Fig.1a

# EXHAUST HOSE INSTALL



1. Take out the joint tube from the exhaust pipe(see picture ①) and fix a part and b part together.
2. Please take out the hot air outlet joint and put the right side filter into the hot air inlet.



1. Rotate the joint tube counterclockwise and fix it with the exhaust pipe(see arrow①).
2. Fit the pipe joint on the unit as arrow ② .
3. Please to install the exhaust hose onto the unit see instruction arrow ③
4. Please to discharge the exhaust hose onto the unit see instruction arrow ④

# TROUBLE SHOOTING

<b>Problem</b>	<b>Cause</b>	<b>Trouble shooting</b>
E1	Electrical short on both temperature sensor and PCB(environment)	Contact an electrician for repair
E2	Electrical short of temperature sensor copper tube and PCB wiring(coil)	Contact an electrician for repair
E4	Indicates water tank full or possibly the incorrect wiring of plug	User needs to pull out the rubber stopper which is located at the bottom of the unit, to drain the water away. Check that the plug has been wired correctly.
E8	Filter's life time is larger than 2000hrs	Change the filter and press SPEED button for 3 seconds and alarm reset.

# SPECIFICATION

Model No.	MDM-3018
Power Source	220-240V~50Hz
Rated Power (EN60335) Cooling Heating	590W 700W
PTC Heater Power	600W
Cooling Capacity	1100W
Heating Capacity	600W
Moisture Removed	30 liters/day
Humidifying capacity	0.2L/H
Refrigerant	R410A
Water Tank Capacity	2.6L
Dimensions (mm)	375Wx280Dx505H

(CE) N 842/2006:

R410A is a kind of fluorinated greenhouse gases covered by the Kyoto Protocol.

R410A is total global warming potential (GWP) is 2088.

## NOTICE ABOUT RECYCLING

Your product is designed and manufactured with high quality materials and components which can be recycled and reused.



This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please dispose of this equipment at your local community waste collection/recycling centre. In the European Union there are separate collection systems for used electrical and electronic products.

Please help us to conserve the environment we live in!

## DECLARATION OF CONFORMITY

Herewith, Amiridis-Savvidis S.A. states that model MDM-3018, complies with the requirements of below directives:

EMC-Directive: 04 / 108 / EC

Low Voltage Directive: 06 / 95 / EC

RoHS2 Directive: 11 / 65 / EU

The detailed declaration of conformity can be found at [www.morris.gr](http://www.morris.gr)

## EXCLUSIVE IMPORTER IN GREECE:

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