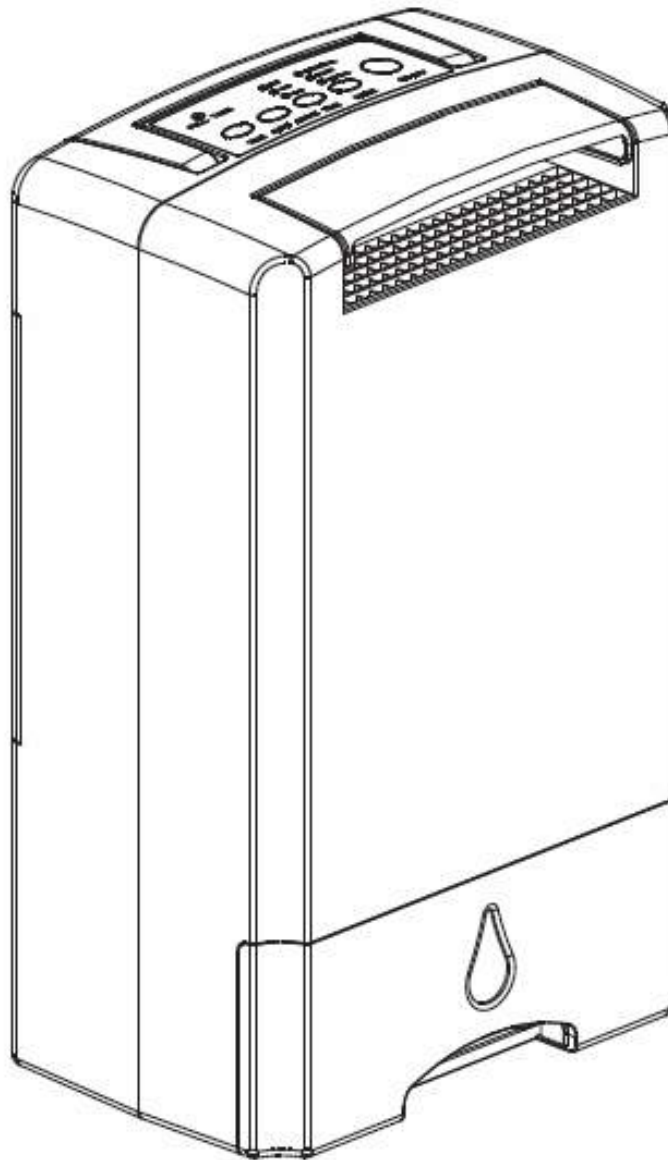


# EchoDry Combi II

## SAF-Z80K2 DESICCANT DEHUMIDIFIER OWNERS MANUAL



Please read this manual before operating the unit and retain for future reference.

# THANK YOU

## THANK YOU VERY MUCH FOR PURCHASING THIS PRODUCT!

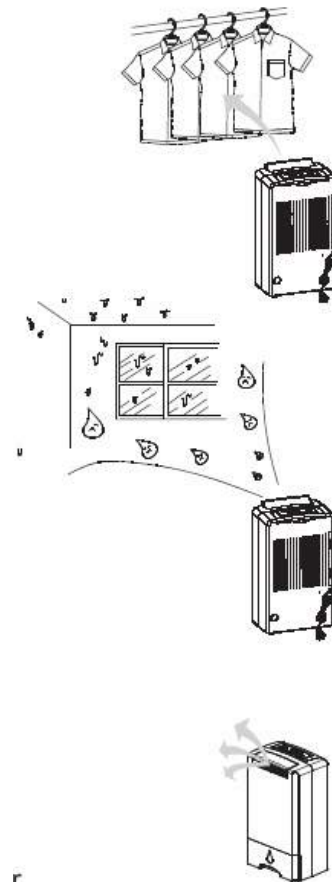
Please read the OWNERS MANUAL carefully before operating the unit. This will enable you to obtain the very best result in performance and many years of trouble free operation from your unit.

When removing the unit from the packing case, check for shipping damage. Please contact both shipper and your dealer immediately if the unit is damaged. All units are carefully checked before leaving the factory.

IMPORTANT: Please place and operate the unit on even ground all the time.

## PRODUCT FEATURES

1. Completely environment-friendly.  
Without Compressor and Refrigerant.
2. Light weight and small dimension, only 6.5 kgs.
3. Low noise operation.
4. Wide temperature using range, from 1°C-40°C.  
Unique performance under cold weather.
5. Equipped with heater can remove air humidity rapidly.
6. Automatically sensing environment to adjust the most comfortable humidity.
7. Automatic oscillation for even distribution of dry air.



## **SAFETY INSTRUCTIONS**

### **CAUTION: READ INSTRUCTIONS CAREFULLY BEFORE OPERATING THE UNIT.**

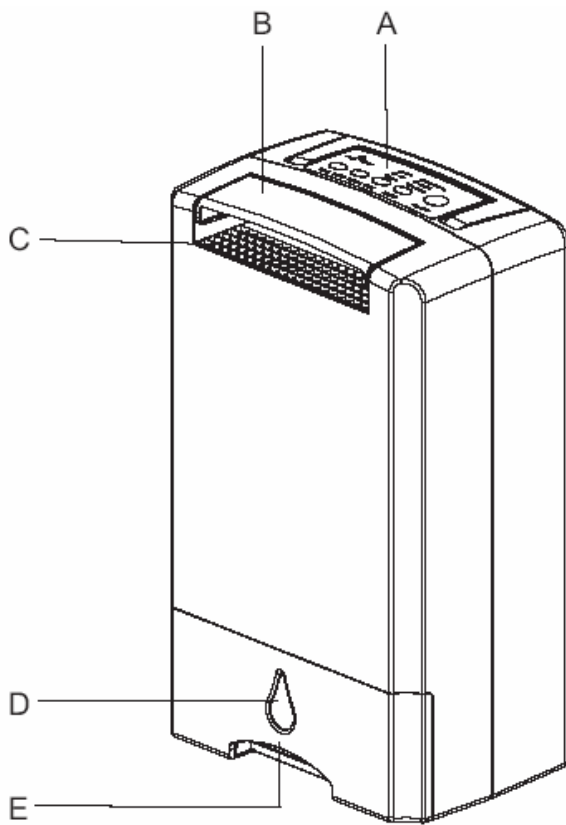
- Please operate the unit only for domestic use.
- Please connect to correct local power supply.
- Valid using temperature range is from 1-40°C.
- DO NOT turn the unit on its side or upside down. Keep the unit upright on even ground level at all times.
- Do NOT switch the unit off directly by removing the plug whilst operating. This may cause damage to the control circuit and invalidated the warranty. Always switch the function "ON/OFF" at the control panel.
- DO NOT run power cord under floor carpets, keep the cord away from the areas where it may be tripped over.
- DO NOT use extension cord.
- DO NOT cover the unit with clothes, towels or others similar materials.
- DO NOT insert pointed objects into the air intake and outlet grills, particularly when the unit is operating.
- DO NOT unplug the unit if your hands are wet. Electrical shock could occur.
- DO NOT block or cover air intake, air outlet or oscillating louvers, particularly when the unit is operating.
- DO NOT place any objects on top of the unit.
- DO NOT use the unit without the AIR FILTER.
- DO NOT carry the unit when it is operating.
- Keep the unit a minimum distance of 60cm away from laundry, in order to prevent water drop getting into the unit.
- Always contact the service center for after service. Tampering with the unit may create a shock or fire hazard and will invalidate the warranty.
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- Close supervision is necessary when any appliance is used by or near children and pets.
- DO NOT operate or store the unit in direct sunlight.
- 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 once, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.

#### **NOTE:**

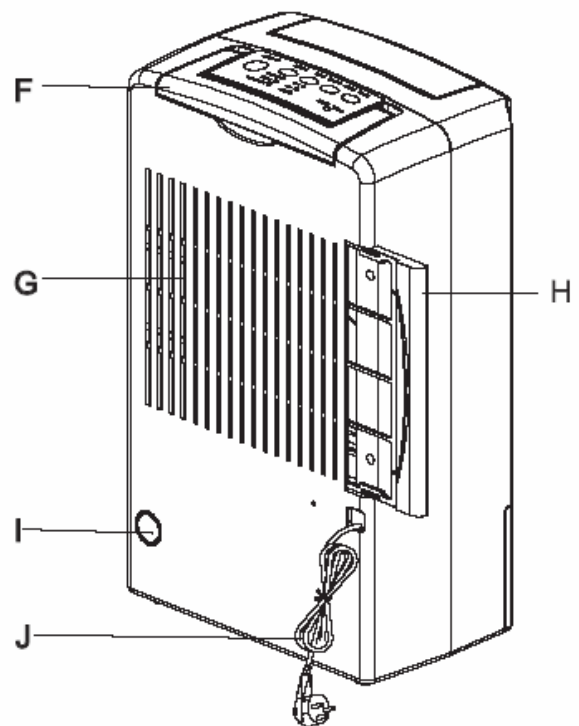
This dehumidifier is designed for different applications, but do not use it in a room or space where the Volatile Organic Compounds or flammable substance is presented, for example painting, stucco coating, gasoline and etc. To use this product to dehumidify a room or space where the Volatile Organic Compounds or flammable substance presented could cause serious consequence, like fire alarm."

## PRODUCT DESCRIPTION

- A. Operation panel
- B. Oscillation louver
- C. Air outlet
- D. Water indicated window
- E. Water tank
- F. Handle
- G. Air intake grill
- H. Air filter
- I. Drain hose hole
- J. Power cord and plug



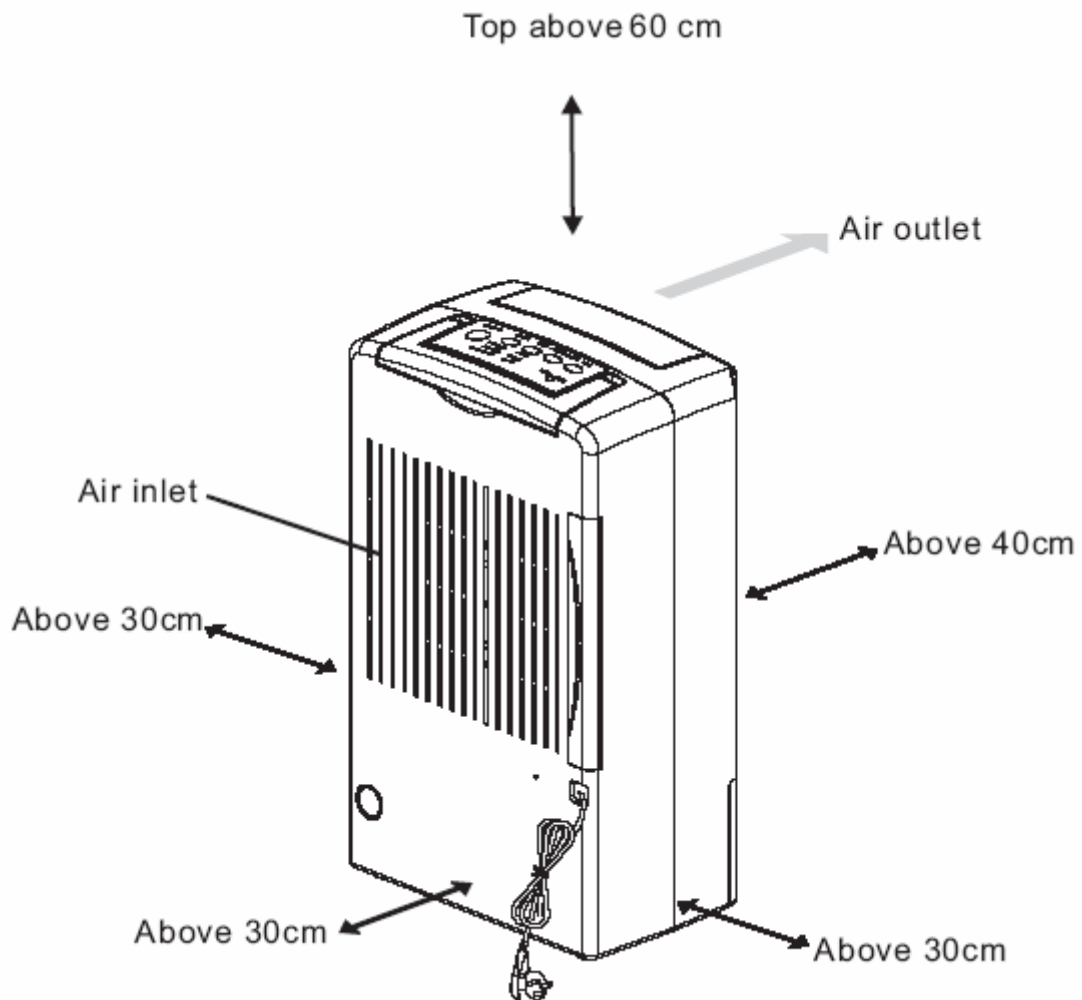
FRONT VIEW



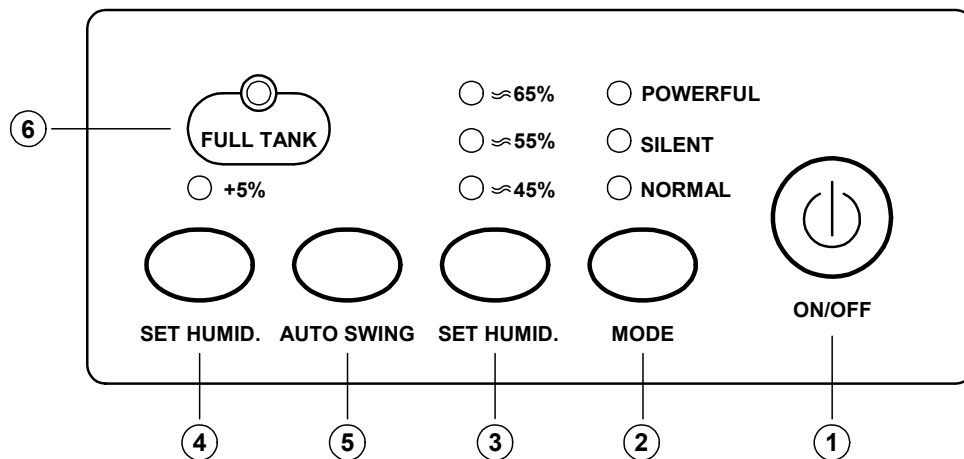
REAR VIEW

## UNIT SET UP

- Please ensure the unit is placed on even ground.
- Please ensure the unit is a safe distance away from a wall or furniture.  
(See the below graphic)
- Keep the unit a minimum distance of 60cm away from laundry, in order to prevent water drop getting into the unit.



# CONTROL PANEL



## 1. POWER ON/OFF SWITCH BUTTON

This dehumidifier is with AUTO RESTART function after power cut.

Once the power is restored after a power failure, the appliance will restart automatically.

## 2. MODE – Fan Speed Setting

This dehumidifier offers you 3 Modes for your selection. The indicator light will illuminate when the unit is operating in any of these modes. If the ambient humidity reaches the desired setting, the indicator will flash, the heater will stop.

When you turn on the unit by main power, it starts on "NORMAL" MODE.

Press "MODE" to select desired Speed.

Its path cycle should be: NORMAL → SILENT → POWERFUL

NORMAL – Automatic control the fan speed for the most comfortable ambient humidity.

SILENT – Quiet operation with low fan speed, especially at night.

POWERFUL – Operating with full speed for maximum performance and dry laundry function.

Restart the unit will be on previous setting.

## 3. SET HUMID. – Desired ambient humidity setting

Press the button to select desired ambient humidity settings, i.e. around 65%, 55% and about 45%. The indicator light will illuminate when the unit is operating in any of these settings.

When you turn on the unit by main power, it starts on "≈55%" setting. If the ambient humidity reaches the desired setting, the "MODE" indicator will flash, and the heater will stop.

Its path cycle should be: "≈55%" → "≈65%" → "≈45%"

≈65% – Ambient humidity control at around 65%.

≈55% – Ambient humidity control at around 55%.

≈45% – Ambient humidity control at around 45%.

Restart the unit will be on previous setting.

#### **4. SET HUMID. – Additional humidity setting**

Press this button to turn the Additional +5% RH humidity setting ON and OFF. When the LED is light on, the setting of desired humidity control will plus about 5% at each humidity setting mode. i.e. "≈65%→70%", "≈55%→60%" and "≈45%→50%"

#### **5. AUTO SWING – AUTOMATIC OSCILLATION**

When you turn on the unit by main power, the oscillation louver will Auto-swing up and down. Press this button will stop the louver at your desired position. By pressing it again the oscillation louver will Auto-swing up and down.

Restart the unit will be on previous setting.

**WARNING:** DO NOT adjust the OSCILLATION LOUVER by hand, as this will cause damage.

#### **6. FULL TANK – FULL TANK INDICATOR**

The indicator will flash and the alarm will sound when the water tank is full. Please empty the water tank and replace it to the proper position, then the unit will running at previous setting.

#### **7. Ionizer**

When you turn on the unit, the Anion generator will ON by a 30 seconds delay-time, the unit will releases negative ions from air outlet. and it will simultaneously OFF while the unit turn off.

## OPERATING PROCEDURE

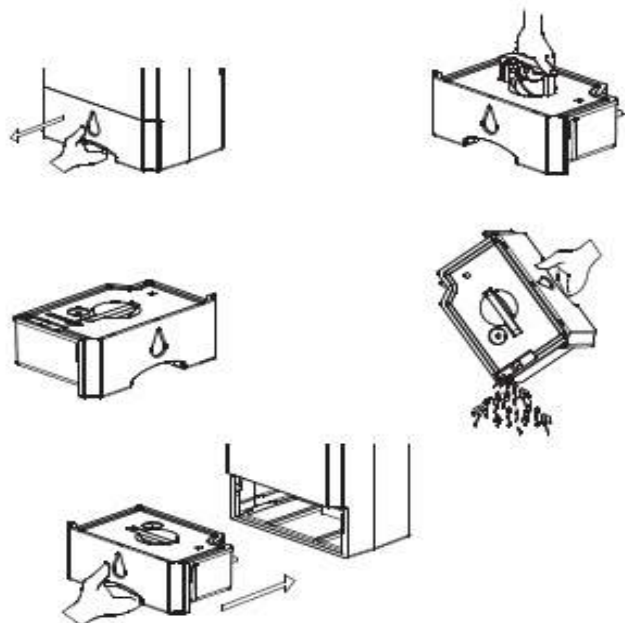
- Ensure the unit is placed on even ground.

### WARNING:

- Once you turn off the unit, the oscillation louver will swing back to the level. The fan will keep running about 2 minutes to release heat.
  - DO NOT unplug from the mains till the fan is off.
2. Press the MODE control to select the desired performance.
  3. Press AUTO SWING to control the air delivered direction.
  4. Set the TIMER, if required.

## HOW TO EMPTY THE WATER TANK

1. Gently pull out the water tank and lift it by the handle.
2. Open the sliding which on the left side of the tank cover.
3. Pour water out. Clean the tank with water if necessary. Do not use any chemical solvent to clean it.
4. Slide back the opening and press back the handle in its original place.
5. Replace the water tank into the unit.

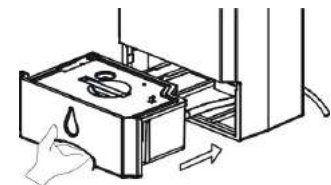
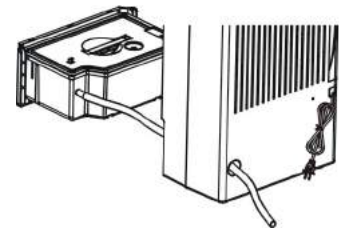
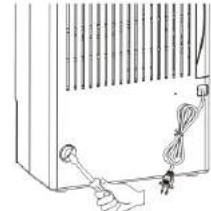




## CONTINUOUS DRAINAGE

In certain situations it may be more convenient to set the unit up for continuous drainage. A hose with an inner diameter of approximately 10-10.5mm is required (not supplied). A typical reinforced section of a garden hose would be suitable.

1. Ensure the unit is off.
2. Cut out the outlet at the back of the unit with a screwdriver.
3. Pull out the water tank and remove the rubber bung from the water outlet at the back of the water tank.
4. Pull through the hose and connect to the outlet on the tank. Retain the rubber bung for future use.
5. Push the tank back into the unit ensuring the hose stays connected to the outlet. Make sure the tank is right position.



### CAUTION:

If you wish to revert back to draining into the tank, when the unit is switched off and unplugged, simply remove the drainage hose. Pull out the tank and replace the rubber bung in the water outlet and push the water tank securely into place.

### WARNING:

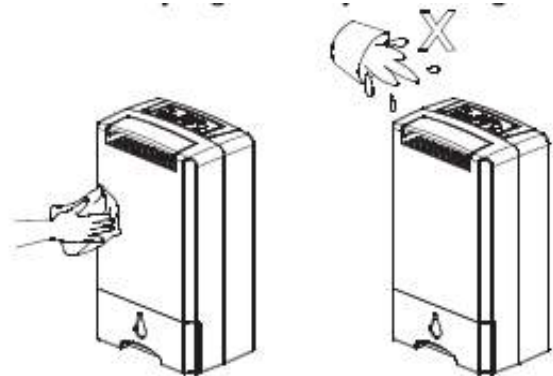
Please note that this appliance uses a gravity drain when on continuous drain. The hose must be directed in a downward position.

## MAINTENANCE

- Always remove the plug from the power socket before carrying out any cleaning or maintenance operations.

### CLEANING THE CABINET

Clean the cabinet with a soft damp cloth. NEVER use harmful chemical products or polish on the unit, as these solvents may seriously damage the plastic surface.

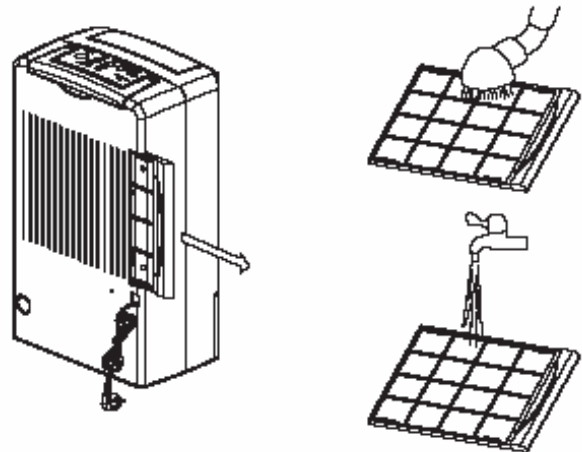


### WARNING:

DO NOT spray water or any solvents on the unit, as this may damage the electrical insulation.

### CLEANING THE AIR FILTER

- Clean the air filter every two weeks.  
If dust and dirt are allowed to accumulate on the filter, this will reduce the performance of the dehumidifier.
- Carefully pull out the filter screens from the unit.
- You can use a vacuum cleaner. If the filter is very dirty, it may be washed with a mild detergent in warm water.



**CAUTION:** Ensure that the filter is dry before replacing. Never operate unit without filter, as this will reduce the efficiency of the unit.

### LONG-TERM STORAGE

The following procedures are recommended for long-term storage:

1. Turn off the unit and remove plug from mains after the fan completely stops.
2. Carefully pull out and empty the water tank.
3. Wrap power cord and secure with cord wrap on back of unit.
4. Clean the air filter and plastic cabinet.
5. Cover unit with plastic bag to protect it from dust.
6. Store the unit in its upright position away from sunshine in a cool dry place.

## TECHNICAL SPECIFICATIONS

COMMODITY	:	DEHUMIDIFIER
MODEL	:	<a href="#">SAF-Z80K2</a>
MODE	:	DESICCANT
USING RANGE	:	1°C ~ 40°C
POWER SOURCE	:	AC 230V, 50Hz
HUMIDITY REMOVED	:	7 ~ 8 L/DAY (20°C RH70%)
POWER CONSUMPTION	:	620 Watt (MAX.) / 390 Watt (MIN.)
FUNCTION CONTROL	:	MI-COM CONTROL
FAN SPEED	:	3
AUTO-RESTART AFTER POWER: FAILURE	:	YES.
DIMENSION	:	300 W x 190 D x 500 H (mm)
NET WEIGHT	:	6.5 kgs

NOTES: The sound pressure level under normal operating condition is less than 70 dB (A).

# TROUBLE SHOOTING

## Normal situation:

1. When you turn off the unit, the fan will keep running about 2 minutes to release heat.
2. The unit is designed to operate from 1 - 40°C . If beyond this range or the air intake/outlet is blocked, the unit will off.
3. The product is equipped with a heater, the temperature will arise while the unit is running.

Before calling your dealer or service center for assistance, read and check the following points:

<u>PROBLEM</u>	<u>PROBABLE CAUSE</u>	<u>SOLUTION</u>
Unit does not function	unit is not plugged in	plug in to mains
	Power failure	Check fuse or circuit Breaker in your switch Board.
	FULL TANK. Or water tank Is not placed properly.	Pour water out and place the water tank to the right position.
Poor Performance	Window or door open	Close window and door
	Air filter is clogged	Clean air filter
	Air intake or outlet is clogged	Clear the obstacles away.
Too noisy	Check the ground level	Move the unit to even ground level.
	Air filter is clogged	Clean air filter

This product has been manufactured to comply with EEC Directives 2006/95/EEC and 89/336/EEC

