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# POLARWIND MDF65AEBA8 Owner's Manual

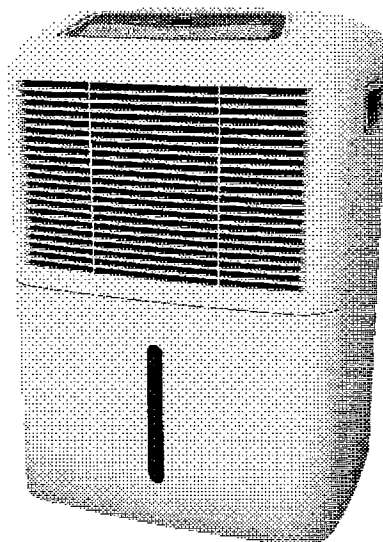
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# DEHUMIDIFIER INSTRUCTION MANUAL



## ENGLISH & ESPAÑOL

### Model:

MDF1-30AE

MDF1-40AE

MDF-50AE

MDF-65AE-BA8

For effective operation, please read instructions carefully and keep it in a safe place for future reference.

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## **ATTENTION**

Before you use your **DEHUMIDIFIER**, please read this instruction manual carefully.

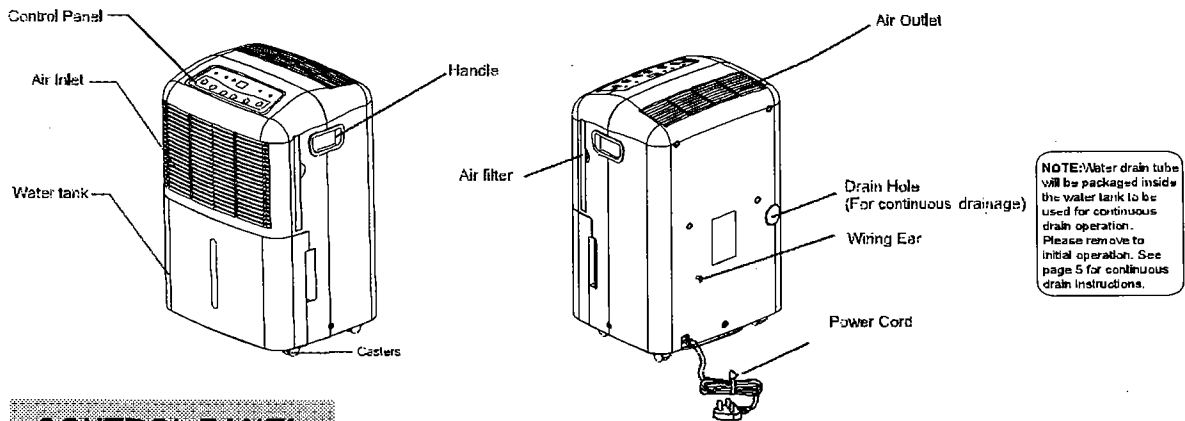
### **FUNCTIONS**

1. Helps prevent mould on clothing, etc-open cupboards, doors and drawers before turning the dehumidifier on.
2. Helps prevent condensation on ceilings, walls, windows.
3. To obtain best results refrain from opening and closing the windows.
4. Dehumidifying is effective on moisture sensitive items like musical instruments, cameras, computers, etc.
5. Takes away the dampness from bookshelves and closets - open the door of the closet and put the dehumidifier close to the door for it to operate effectively.

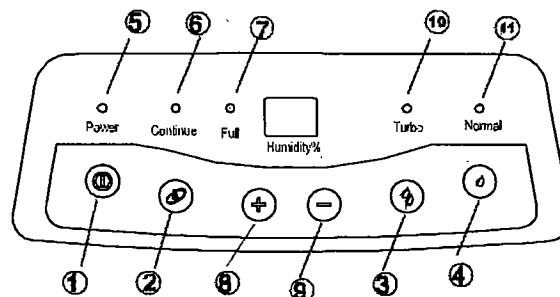
### **SAFETY NOTES**

1. Do not connect unit to any AC electrical socket that is damaged.
2. Ensure removable covers and containers are correctly fitted before switching on unit.
3. Always switch the unit off when not in use before unplugging the electrical cord.
4. Do not use in the following locations:
  - I. Next to source of heat e.g. a radiator or heater, tumble dryer etc.
  - II. An area where oil or water is likely to splash.
  - III. An area exposed to direct sunlight.
  - IV. Near a bath, shower or a swimming pool.
  - V. In a greenhouse.
5. Never insert your finger or other foreign objects into grills or openings. Take special care to warn children of these dangers.
6. Always store the unit upright in order to maintain the compressor in a proper working condition. Leave the unit upright for at least 24 hours before initial use.
7. Always unplug the unit before cleaning.
8. Do not cover the unit.
9. Do not spray insecticides or any other flammable sprays on the machine.
10. Do not spray water on the dehumidifier.
11. Empty the water tank before moving the dehumidifier.
12. The unit is fitted with an auto defrosting operation and starts when the evaporator generates frost. This function ensures continuous running when the temperature is down to 5°C (41°F).

## NAMES OF PARTS



## CONTROL PANEL



- ① **Ⓚ Button:** Press **Ⓚ** button to turn unit on. The unit will go directly into Dehumidifying mode with the last preset humidity setting. (NOTE: on the initial use or if the unit was unplugged for an extended period of time, the unit will go directly into dehumidifying mode with the original factory humidity setting of (60%RH).
- ② **Ⓞ Button:** When the unit is operational, pressing the **Ⓞ** Button will set the unit into CONTINUOUS DEHUMIDIFYING mode.
- ③ **Ⓢ Button:** Press this button, the Turbo indicator light illuminates and the fan speed is high.
- ④ **Ⓛ Button:** Press this button, the Normal indicator light illuminates and the fan speed is low
- ⑤ **POWER indicator:** The first time the unit is connected to the power Outlet, the power indicator light will flash slowly. When the unit is turned on, the power indicator is illuminated and dark when it is turned off.
- ⑥ **Continue indicator:** Lights up when the unit is on CONTINUOUS DEHUMIDIFYING mode.
- ⑦ **Full indicator:** Lights up when the bucket is full, and the unit stops operating.
- ⑧ **Humidity **+** Button:** When the unit is operating, humidity setting will go up by pressing this button every time, the range of adjustment is in 5 degree increments 35%RH to 80%RH.
- ⑨ **Humidity **-** Button:** When the unit is operating, humidity setting will come down by pressing this button every time, the range of adjustment is in 5 degree decrements 35%RH to 80%RH.
- ⑩ **Turbo indicator:** Lights up when **Ⓢ** button is pressed, and the fan speed is high.
- ⑪ **Normal indicator:** Lights up when **Ⓛ** button is pressed, and the fan speed is low,

## TECHNICAL SPECIFICATIONS

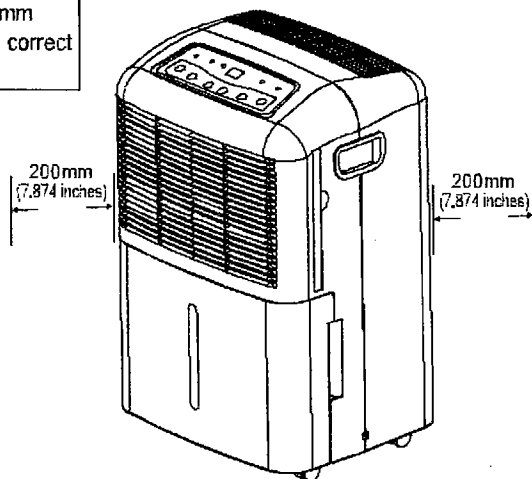
Model	MDF1-30AE	MDF1-40AE	MDF-50AE	MDF-65AE-BA8
Dehumidifying capacity	16.4L/d(35pints/d)	19L/d(40pints/d)	24L/d(50pints/d)	31L/d(65pints/d)
Power supply	115V~ 60Hz			
Current	4.5A	5.2A	5.9A	7.9A
Power consumption	490W	560W	610W	852W
Working environment	~35°C (41~95°F)			
	25% RH and above			
Water tank volume	5L(10.6pints)		10L(21pints)	
Net weight	14.5kg	15kg	20kg	20.5kg
	32lbs	33.1lbs	44.1lbs	45.2lbs
Dimension	H:505 D:253 W:340mm	H:622 D:321 W:393mm		
	H:19.88 D:9.96 W:13.39inches	H:24.49 D:12.64 W:15.47inches		

※ Capacity will vary according to actual room ambient temperature and humidity conditions.

## INSTALLATION

Install the mobile dehumidifier in a flat and spacious location where the air outlets will not be obstructed. Do not install underneath desks or inside cupboards as this will restrict the air flow.

Maintain a clearance of at least 200mm (7.874 inches) front and rear to maintain correct air-flow of unit.










## OPERATING INSTRUCTIONS

### Operating Conditions:

- This unit is designed to operate in a working environment between 5°C(41°F) and 35°C(95°F).
- If the unit has been switched off and needs to be switched on again quickly, allow approximately three minutes for the correct operation to resume.
- Do not connect the dehumidifier to a multiple socket outlet, which is also being used for other electrical appliances.
- Select a suitable location, making sure you have easy access to an electrical outlet.
- Plug the unit into a 115V~ 60Hz properly grounded electrical outlet.
- Make sure the Water Tank is correctly fitted otherwise the unit will not operate properly.

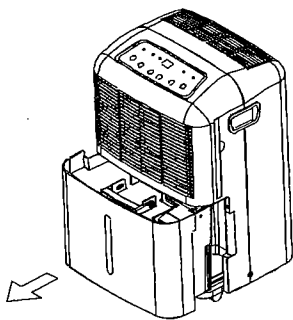
### Turning the unit "ON" or "OFF"

1. Plug the cord to the proper power requirement. The computer system of the unit will have a self-check. If it is operation, the Power indicator light will flash. Press  power button, the unit will start operating in DEHUMIDIFYING mode. Press the Humidity  or  button will change setting humidity.
2. Press  button will go into continuous dehumidifying mode, and this time the Humidity  and  button are disabled.
3. Press the  button to turn off the unit. (You do not need to unplug the power cord except when the unit will not be in use for a long period of time.)

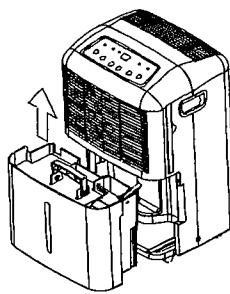
## OPERATION

### Water Tank

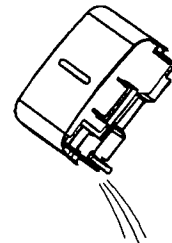
- Water will drain into the tank. When the tank is full and the unit stops operating, the Full indicator light will flash.
- Do not remove the water tank while the machine is still working or just stopping. This might cause some water to drip.
- To empty the water tank, remove the tank as shown, empty the water and replace the tank back in the unit. Ensure components of water tank are correctly positioned.
- The machine will re-start when the water tank is restored to its correct position.



1. Pull out drain bucket



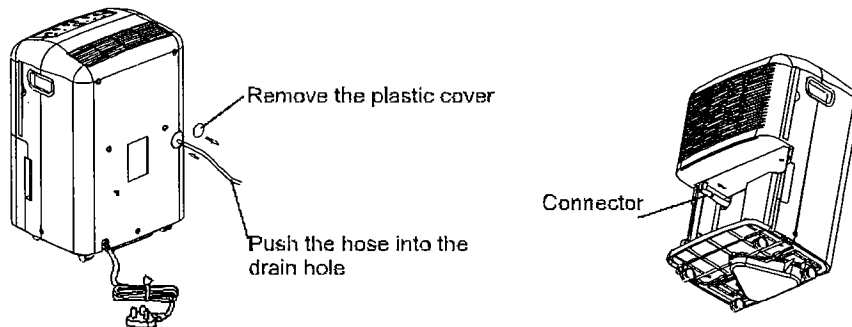
2. Hold the two sides of the bucket with even strength, and pull it out from the unit.



3. Pour the water out.

### **Continuous drainage**

- On the rear of the unit, remove the plastic cover carefully (see picture below).
- Push the water drain tube onto the connector located inside of the hole.
- Attach standard garden hose (not included) to the exposed end of the water drain tube.
- Place the end of the hose into a suitable drainage facility.
- The hose should go down smoothly without bends or kinks.



## **MAINTENANCE**

### **Important:**

- Be sure to unplug the unit before cleaning.
- Do not use gasoline, thinners or other chemical agents to clean the unit as this may damage the unit.
- Do not wash the unit directly under a tap or hose. The electrical components inside may be damaged and the unit become unsafe as a result.

### **Air filter**

Clean the air filter at least once every two weeks to prevent impaired performance of the unit.

### **Removal**

Pull the air filter out as shown (Figure A page 6).

### **Cleaning**

Wash the air filter with clean water, and then carefully dry.

## Replacement

Install the cleaned Filter following Figure C.

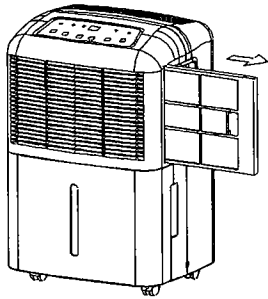


Fig. A

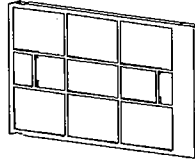


Fig. B

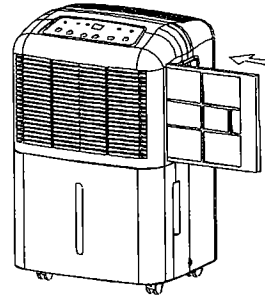


Fig. C

## Unit enclosure

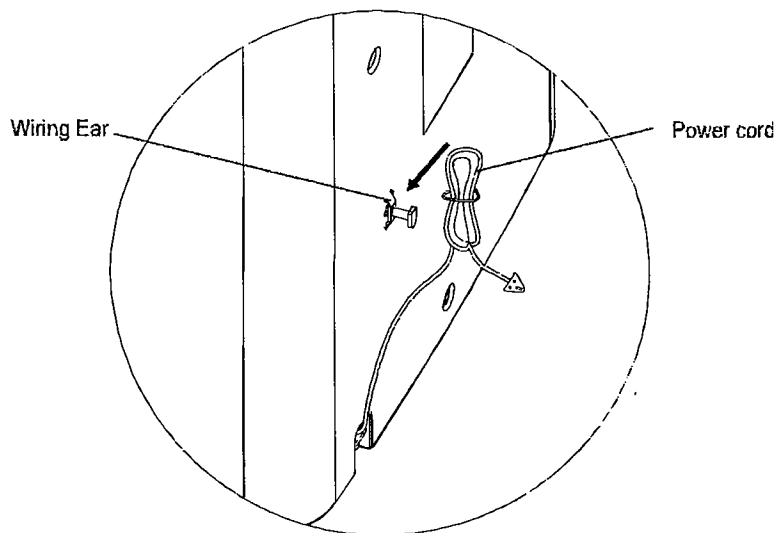
Use a soft, clean cloth to wipe the surface. Do not use water as this may cause an electrical fault or shock hazard.

## Water tank

Wash the tank using warm water (about 40°C/104°F) with neutral detergent. Rinse and allow to dry. Replace tank when dry.

## Wiring Ear

Wind the excess cord on to the wiring ear.



## **TROUBLE SHOOTING**

**BEFORE CONTACTING SERVICE , PLEASE CHECK THE FOLLOWING POSSIBILITIES.**

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>CORRECTIVE ACTION</b>
Unit fails to operate	1. Power "off"	Switch power "on"
	2. Power cord "unplugged"	Restore power cord
	3. Water tank not fitted correctly	Re-position water tank
	4. Water tank is "full"	Empty water tank
	5. Defrosting	After defrosting, the unit will dehumidifying again.
Performance decreased	1. Blocked air filter	Wash nylon filter
	2. Room windows and doors open	Close room windows and doors
	3. Obstacles in air outlet or air inlet	Remove obstacles
Unit noisy	1. Unstable setting of unit	Reposition unit
	2. Blocked filter	Wash nylon filter

## Air Conditioner Warranty

Your product is protected by this warranty:

Warranty service must be obtained from Midea Consumer Services or an authorized Midea servicer.

	WARRANTY PERIOD	MIDEA, THROUGH ITS AUTHORIZED SERVICERS, WILL:	THE CONSUMER WILL BE RESPONSIBLE FOR:
FULL ONE-YEAR WARRANTY	One year from original purchase date	Pay all costs for repairing or replacing parts of this appliance which prove to be defective in materials or workmanship.	Transportation and costs of service calls that are listed under <b>NORMAL RESPONSIBILITIES OF THE CONSUMER*</b>
LIMITED 2 <sup>ND</sup> -5 <sup>TH</sup> YEAR WARRANTY (sealed system)	Second through fifth years from original purchase date	Repair or replace any parts in the Sealed Refrigeration System (compressor, condenser, evaporator and tubing) proves to be defective in materials workmanship.	Diagnostic, removal, transportation and reinstallation costs required because of service. Costs for labor, parts and transportation other than with respect to the Sealed Refrigeration System.
LIMITED 10 YEAR COMPRESSOR WARRANTY	First to tenth year from original date of purchase	Repair or replace compressor ONLY in the event it becomes defective during the warranty period	Diagnostic, removal, transportation and reinstallation costs required because of service. Costs for labor, parts and transportation other than with respect to the Sealed Refrigeration System.

**Midea replacement parts shall be used and will be warranted only for the period remaining on the original warranty.**

### NORMAL RESPONSIBILITIES OF THE CONSUMER\*

This warranty applies only to products in ordinary household use, and the consumer is responsible for the items listed below:

1. Proper use of the appliance in accordance with instructions provided with the product.
2. Proper installation by an authorized service professional in accordance with instructions provided with the appliance and in accordance with all local plumbing, electrical and / or gas codes.
3. Proper connection to a grounded power supply of sufficient voltage, replacement of blown fuses, repair of loosen connections or defects in house wiring.
4. Expenses for making the appliance accessible for servicing.
5. Damages to finish after installation.

### EXCLUSIONS

This warranty does not cover the following:

- 1) Failure caused by damage to the unit while in your possession (other than damage caused by defect or malfunction), by its improper installation, or by unreasonable use of the unit, including without limitation, failure to provide reasonable and necessary maintenance or to follow the written Installation and Operating Instructions.
- 2) Damages caused by services performed by persons other than authorized Midea servicers; use of parts other than Midea replacement parts; obtained from persons other than such Midea customer service; or external causes such as abuse, misuse, inadequate power supply.
- 3) If the unit is put to commercial, business, rental, or other use or application other than for consumer use, we make no warranties, express or implied, including but not limited to, any implied warranty of merchantability or fitness for particular use or purpose.
- 4) Products without original serial numbers or products that have serial numbers which have been altered or cannot be readily determined.

Note: Some states do not allow the exclusion or limitation of incidental or consequential damages. So this limitation or exclusion may not apply to you.

### IF YOU NEED SERVICE

Keep your bill of sale, delivery slip, or some other appropriate payment record. The date on the bill established the warranty period should service be required. If service is performed, it is your best interest to obtain and keep all receipts. This written warranty gives you specific legal rights. You may also have other rights that vary from state to state. Service under this warranty must be obtained by following these steps, in order:

1. Contact Midea Consumer Services or an authorized Midea servicer at 1-866-646-4332
2. If there is a question as to where to obtain service, contact our consumer relations Department.