



SAFETY PRECAUTIONS

To prevent injury to the user or personal anc property damage, these instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The level of risk is shown by the following indications.

- WARNING**
- CAUTION**
- NOTICE**
- This symbol indicates a hazardous situation which, if not avoided, could result in death or serious injury.
- This symbol indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury.
- This symbol addresses practices not related to physical injury.

- WARNING**
- Plug in power plug properly. Otherwise, it may cause electric shock or fire due to excess heat generation.
 - Do not modify power cord length or share the outlet with other appliances. It may cause electric shock or fire due to overheating.
 - Always ensure effective grounding. Incorrect grounding may cause electric shock.
 - Unplug the unit if strange sounds, smells, or smoke come from it. A damaged product may cause fire and electric shock.
 - Ventilate room before operating the unit if there is a gas leak from other appliances.
 - Do not operate or stop the unit by inserting or pulling out the power plug. It may cause electric shock.
 - Do not allow water to enter into electric parts. It may cause failure or electric shock.
 - Do not use the power outlet if it is loose or damaged. It may cause fire and electric shock.
 - Do not use or keep the power cord close to heating appliances or heat sources such as fireplaces. It may cause fire and electric shock.
 - Do not disassemble or modify unit. It may cause failure and electric shock.
 - Do not damage or use an unspecified power cord. It may cause fire and electric shock.
 - If the power cord is damaged, it must be replaced by the manufacturer or contact a service center
 - Do not use the unit near flammable gas or combustibles, such as gasoline, benzene, thinner, etc. It may cause fire.
 - Before cleaning, turn off the power and unplug the unit.
 - Be sure the dehumidifier has been securely and correctly installed according to the installation instructions in this manual. Save this manual for possible future use in removing or installing this unit.
 - Do not operate with wet hands. It may cause electric shock.
 - Do not open the unit during operation. It may cause electric shock.
 - Avoid fire hazard or electric shock. Do not use an extension cord or an adaptor plug. Do not remove any prongs from the power cord.
 - Be sure the dehumidifier is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
 - Your dehumidifier must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper receptacle. Ensure the receptacle is accessible after the unit installation.
 - Be sure the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located on the side of the cabinet and behind the grille.
 - Do not drink the water from the bucket.
 - Before cleaning, turn off the power and unplug the unit.
 - Do not use the unit in small spaces or place in a sink or shower. Lack of ventilation can cause overheating and fire.

CAUTION

- Do not use in places where water may splash onto the unit. Water may enter the unit and degrade the insulation. It may cause an electric shock or fire.
- Place the unit on a level, sturdy section of the floor. If the unit falls over, it may cause water to spill and damage belongings, or cause electrical shock or fire.
- Never insert your finger or other foreign objects into grills or openings. Take special care to warn children of these dangers. It may cause failure or electric shock.
- Do not climb up on or sit on the unit. You may be injured if you fall or if the unit falls over.
- Always insert the filters securely, and take caution to avoid injuries to hand and fingers. Clean filter once every two weeks.
- If water enters the unit, turn the unit off and disconnect the power, contact a service center,
- Do not place flower vases or other water containers on top of the unit. Water may spill inside the unit, causing insulation failure and electrical shock or fire.
- If the unit is knocked over during use, turn off the unit and unplug it from the main power supply immediately. Visually inspect the unit to ensure there is no damage. If you suspect the unit has been damaged, contact a service center
- In a thunderstorm, the power should be disconnected to the unit due to lightning.
- Do not run power cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- Clean the bucket regularly.

UNIT SPECIFICATIONS AND FEATURES

Product overview

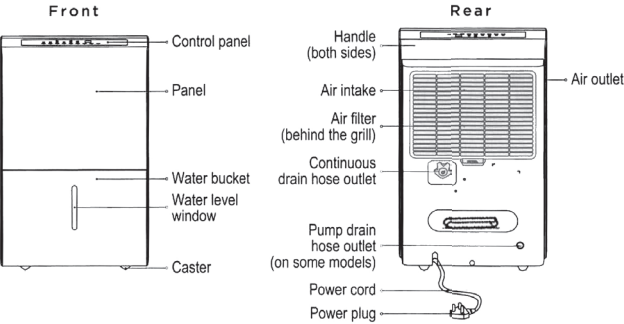


Fig. 1

NOTICE

All the pictures in this manual are for illustrative purposes only. The actual shape of the dehumidifier you purchased may be slightly different, but its operations and functions are similar.

Accessory type and quantity may vary depending on the model. The images shown here is for illustrative purposes only and may be subject to change.

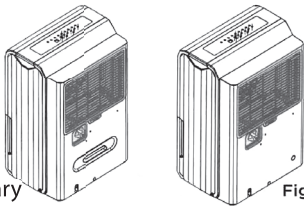


Fig. 2

INSTALLATION INSTRUCTIONS

Positioning the Unit

A dehumidifier operating in a basement will have little or no effect in drying an adjacent enclosed storage area, such as a closet, unless there is adequate circulation of air in and out of the area. (See Fig. 3)

- Do not use outdoors.
- This dehumidifier is intended for indoor residential applications only. This dehumidifier should not be used for commercial or industrial applications.
- Place the dehumidifier on a smooth, level floor strong enough to support the unit with a full bucket of water.
- Allow at least 8" of air space on all sides of the unit for air circulation (at least 16" for air outlet).
- Place the unit in an area where the temperature will not fall below 41°F (5°C). The coils can become covered with frost at lower temperatures, which may reduce performance.

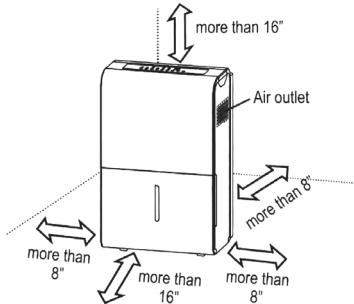
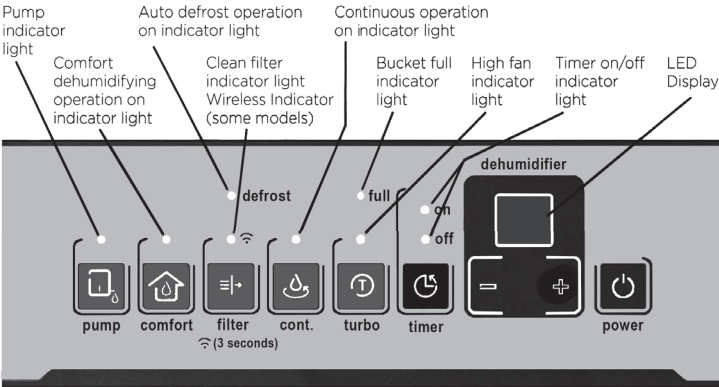


Fig. 3

- Place the unit away from any clothes dryer, heater or radiator.
- Close all doors, windows and other outside openings to the room.

OPERATING INSTRUCTIONS

Key Pad Features



The actual descriptions of control panel and their locations may vary, depending on the model.

NOTICE

The appearance of the control panel on your unit may vary slightly. Functions will be similar.

Control Pads

When you push the button to change operation modes, the unit will make a beep sound to indicate that it is changing modes.

(PUMP) Button (PUMP Models Only)

Press to activate the pump operation.

(COMFORT) Button

Press to activate the comfort dehumidifying operation.

NOTICE

Note: When using this function, the humidity level can not be selected. On some models, pressing the Up/Down button will cancel this function.

(FILTER) Button

This feature is a reminder to clean the Air Filter for more efficient operation. The LED (light) will flash after 250 hours of operation. To reset after cleaning the filter, press the Filter button and the light will go off. The 250 hour counter will reset.

(CONTINUE) Button

Press to activate the continuous dehumidifying operation.

NOTICE

When CONTINUOUS function is turned on, the humidity set point cannot be changed manually.

(TURBO) Button

Control the Turbo speed. Press to select either Turbo or normal fan speed. Set the Turbo control to high for maximum moisture removal. When room humidity is at your preferred level, it is advised to turn off Turbo speed.

(TIMER) Button

Starts the Timer ON and Timer OFF function setting.

Up/Down Buttons (◀/▶)

• Humidity Set Control Buttons

The humidity level can be set within a range of 35% RH (Relative Humidity) to 85% RH (Relative Humidity) in 5% increments.

For drier air, press the ◀ button and set to a lower value (%).

For damper air, press the ▶ button and set a higher value (%).

• TIMER Set Control Buttons

Use the ◀ and ▶ key buttons to set the Timer ON or Timer OFF from 0 to 24 hours.

(POWER) Button

Press to turn the dehumidifier on and off.

LED Display

Shows the set % humidity level from 35% to 85% or auto start/stop time (0 - 24) while setting, then shows the actual (+/- 5% accuracy) room % humidity level in a range of 30% RH (Relative Humidity) to 90% RH (Relative Humidity).

Wireless Indicator

When connecting your air conditioner to Wireless, press the Filter button for 3 seconds to initiate the Wireless connection mode. The display shows 'AP' to indicate the unit is in the Wireless connection mode.

Refer to the instructions within the app to complete the connection process. If connection is successful within 8 minutes, the unit will exit Wireless connection mode automatically and the Wireless indicator illuminates. If connection failed within 8 minutes, the unit exits Wireless connection mode automatically and the Wireless indicator does not illuminate. After Wireless connection is successful, you can control the Dehumidifier within the Midea Air app.

Error Codes and Protection Code:

AS - Humidity sensor error - Unplug the unit and plug it back in. If error persists, contact a service center.

ES - Tube Temperature sensor of the evaporator error - Unplug the unit and plug it back in. If error persists, contact a service center.

P2 - Bucket is full or bucket is not in right position - Empty the bucket and replace it in the right position. (only available for the unit with no pump feature.)

P2 - Bucket is full - Empty the bucket. (only available for the unit with pump feature.)

EC - Refrigerant leakage detection - Display area will show EC when the unit detects refrigerant leakage. If error persists, contact a service center.

Eb - Bucket is removed or not in right position - Replace the bucket in the right position. (only available for the unit with pump feature.)

Other Features

Bucket Full Light

Lights up when the bucket is ready to be emptied.

Auto Shut Off

The dehumidifier shuts off when the bucket is full, or when the bucket is removed or not replaced in the proper position. When the set point humidity level is reached, the unit will be shut off automatically. The fan motor will continue operating.

Auto Defrost

When frost builds up on the evaporator coils, the compressor will cycle off and Auto Defrost function will run automatically.

3 minute compressor operation delay protection

After the unit has stopped, it can not be restarted in the first 3 minutes to protect compressor operation. The unit will restart automatically after 3 minutes.

Auto-Restart

If the unit stops unexpectedly due to a power cut, it will restart with the previous function setting automatically when the power resumes.

Setting the Timer ON and Timer OFF

- When the unit is on, first press the Timer button, the Timer OFF indicator light illuminates. It indicates the Timer OFF program is initiated. Press it again the Timer ON indicator light illuminates. It indicates the Timer ON is initiated.
- When the unit is off, first press the Timer button, the Timer ON indicator light illuminates. It indicates the Timer ON program is initiated. Press it again the Timer OFF indicator light illuminates. It indicates the Timer OFF is initiated.

- Press or hold the ◀ and ▶ key buttons to change the Timer by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The control will count down the time remaining until start.
- The selected time will register in 5 seconds and the system will automatically revert back to display the previous humidity setting.
- When the Timer ON and Timer OFF times are set, within the same program sequence, indicator lights illuminate identifying both ON and OFF times are now programmed.
- Turning the unit ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Timer function.

- When LED display window displays the code of P2, the Auto Start/Stop function will also be cancelled.

NOTICE

- Before operating the unit, make sure the plug for the drain hose outlet is securely installed.
- When first using the dehumidifier, operate continuously for 24 hours.
- This unit is designed to operate with a working environment between 5°C/41°F and 32°C/90°F.
- Make sure the water bucket is positioned correctly so that the unit can operate properly. When the water in the bucket reaches a certain level, please be careful while moving the unit to avoid spill.

Removing Collected Water

There are three ways to remove collected water:

1. Use the bucket

- When the unit is off, if the bucket is full, the Full indicator light will light.
- When the unit is on, if the bucket is full, the compressor and the fan turn off, and the Full indicator light will light, the digital display shows P2.
- Slowly pull out the bucket. Grip the left and right handles securely, and carefully pull out straight so water does not spill. Do not put the bucket on the as because the bottom of the bucket is uneven. Otherwise water may be spilled.
- Empty the water and reposition the bucket.
- The unit will restart operation when the bucket is back in place.

NOTICE

- When you remove the bucket, do not touch any parts inside the unit. Doing so may damage the product.
- Be sure to push the bucket gently all the way into the unit.
- If the pump hose falls off when you remove the bucket (see Fig. 6), you must reinstall the pump hose properly to the unit before replacing the bucket into the unit (see Fig. 7).
- When the unit is on, if the bucket is removed, the compressor and the fan turn off, then the unit will beep 8 times and the digital display shows Fb.
- When the unit is off, if the bucket is removed, the unit will beep 8 times and the digital display shows Eb.

2. Continuous draining

- Water can be automatically emptied into a floor drain by attaching the unit with a water hose (Id ≥ Ø 5/16", not included) with a female threaded end (ID: M = 1", not included).
- Remove the plastic cover from the back drain outlet of the unit and set aside, then insert the drain hose through the drain outlet of the unit and lead the drain hose to the floor drain or a suitable drainage facility. (See Fig. 8 and Fig. 9)
- When you remove the plastic cover, if there is some water in the back drain outlet of the unit you must dry it. Make sure the hose is secure so there are no leaks and the end of the hose is level or sloping downwards to let the water flow.
- Direct the hose toward the drain, making sure that there are no kinks that will stop the water flowing.
- Select the desired humidity setting and fan speed on the unit for continuous draining to start.

NOTICE

When the continuous draining feature is not being used, remove the drain hose from the outlet, and dry the water in the continuous drain hose outlet.

3. Pump draining (Pump models only)

Water can be automatically emptied into a floor drain or a suitable drainage facility by attaching the pump drain out with a pump drain hose (Ø od = 1/4", supplied).

- Remove the continuous drain hose from the unit and install the plastic cover to the continuous drain hose outlet of the unit by clockwise rotation. (See Fig. 10)
- Insert the pump drain hose into the pump drain hose outlet for at least 15 mm (See Fig. 10), then lead the water hose to the floor drain or a suitable drainage facility.
- Press the pump pad on the unit to activate the pump operation. When the bucket is full the pump starts to work.

NOTICE

The pump may generate a loud noise for the first 3-5 minutes of operation.

- Make sure the hose is secure so there are no leaks.
- Direct the hose toward the drain, making sure that there are no kinks that will stop the water flowing.
- Place the end of the hose into the drain.
- Select the desired humidity setting and fan speed on the unit for pump draining to start.

NOTICE

The pump operation light blinks when a failure occurs. Please turn off the unit and disconnect the power cord. Check the following items:

- Cleaning the pump filter:
 - Remove the bucket from the unit, take down the pump and clean the pump filter (See Fig. 11).
- Check if the drain hose is clean and free of debris.
- Empty the water from the bucket.
- Check the hose connection and the bucket for proper fitment. If the error persists, contact a service center.

The image shown here is for illustrative purposes only and may be subject to change.

Illustrations may differ from actual product. We are constantly striving to improve our products; therefore the specifications contained herein are subject to change without notice.

NOTICE

Do not use this operation when the outdoor temperature is equal to or less than 0°C (32°F), otherwise water may freeze ice causing the water hose to be blocked and the unit to stop operating.

Make sure to empty the bucket at least once a week when using the pump draining feature. When the pump draining feature is not being used, remove the pump drain hose from the outlet.

CARE AND CLEANING

Turn the dehumidifier off and disconnect the plug from the power source before cleaning.

1. Clean the Grill and Case

- Use water and a mild detergent. Do not use bleach or abrasives.
- Do not splash water directly onto the unit. Doing so may cause an electrical shock, cause the insulation to deteriorate, or cause the unit to rust.
- The air intake and outlet may get dirty during operation, use a vacuum cleaner or brush to clean.

2. Clean the bucket

Every few weeks, clean the bucket thoroughly to prevent growth of mold, mildew and bacteria. Partially fill the bucket with clean water and mild detergent. Swish it around in the bucket, empty and rinse.

NOTICE

Do not use a dishwasher to clean the bucket.

3. Clean the air filter

- To remove the filter, pull filter outwards (See Fig. 12).
- Wash the filter with clean water then dry.
- Re-install the filter, replace bucket.

CAUTION

DO NOT operate the dehumidifier without a filter to avoid loss of performance and damage to the unit.

4. When not using the unit for long time periods

- Before storing the unit, let it rest for one full day so that the system can dry out naturally.
- Clean the unit, water bucket and air filter.
- Wrap the cord with the power cord buckle.
- Cover the unit with a plastic bag.
- Store the unit upright in a dry, well-ventilated area.

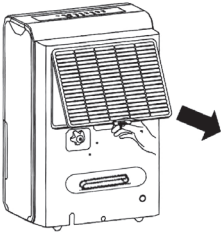


Fig. 12

TROUBLESHOOTING TIPS

Before calling for service, review this list. It may save you time and money. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

Problem	Solution
Unit does not start	Make sure the dehumidifiers plug is connected firmly into the wall outlet.
	Check the house fuse/circuit breaker box.
	Dehumidifier has reached its preset level or bucket is full.
Dehumidifier does not dry the air as it should	Water bucket is not in the proper position.
	Not enough time to remove the moisture.
	Make sure there are no curtains, blinds or furniture blocking the front or back of the dehumidifier.
	The humidity control may not be set low enough.
	Check that all doors, windows and other openings are securely closed.
The unit makes a loud noise when operating	Room temperature is too low, below 5°C (41°F).
	There is a water vapor source in the room.
	Air filter may be dirty. Clean filter. Refer to Care and Cleaning section.
Frost appears on the coils	The unit is tilted instead of upright as it should be.
	The floor surface is not level.
Water on floor	This is normal. The dehumidifier has Auto defrost feature.
	Hose to connector or hose connection may be loose.
ES, AS, P2, EC, Eb and E3 appear in the display	Intended to use the bucket to collect water, but the back drain plug is removed.
	These are error codes and protection code. Check Operating Instructions.
The pump operation on light blinks at 1 Hz	Clean the pump filter.
	Check the pump hose is not blocked or leaking.
	Empty the water bucket.