



Impecca Dehumidifier User Manual

Models
IDM-52SP
IDM-72SP

TABLE OF CONTENTS:

– Introduction	p.1
– Safety Precautions.....	p.1
– What’s In The Box.....	p.2
– Installation Accessory Kit Items	p.2
– Specifications & Warnings	p.3
– Device Parts.....	p.4
– Installation & Operation Instructions.....	p.5
– Front Panel Overview.....	p.8
– Error Codes & Solutions.....	p.8
– Additional Features.....	p.9
– Energy Saving Tips	p.9
– Care instructions	p.10
– Troubleshooting	p.11
– Contact Support	p.11

Regulatory Warnings:

DISPOSAL:

Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

It is prohibited to dispose of this appliance in domestic household waste.

For disposal, there are several possibilities:

- A) The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
- B) When buying a new product, the retailer will take back the old product at least free of charge.
- C) The manufacturer will take back the old appliance for disposal at least free of charge to the user.
- D) As old products contain valuable resources, they can be sold to scrap metal dealers.

Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into ground-water and find their way into the food chain.



CAUTION:

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

INTRODUCTION:

Congratulations on your purchase of an IMPECCA™ Electronic Dehumidifier. Before using this product, it is recommended that you familiarize yourself with the features, functions, and operating procedures described in this manual. Inside you will find many helpful hints on how to use and maintain your dehumidifier properly. Just a little preventive care on your part can save you a great deal of time and money over the lifespan of your dehumidifier. You will find many answers to common problems in the chart of troubleshooting tips.

FEATURES AT A GLANCE:



SAVE TIME AND MONEY!

If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.

- Continuous Operation
- Auto-restart functions
- LED indicators
- Handy indicators
- Auto-defrost mode

SAFETY PRECAUTIONS:

To prevent injury and/or property damage, please familiarize yourself with the following instructions and safety precautions. Failure to comply with the instructions and cautions mentioned in this manual may cause harm or damage. The seriousness is classified by the following indications:

IMPORTANT:

	WARNING	This symbol indicates the possibility of serious injury or death.
	CAUTION	This symbol indicates the possibility of injury and/or damage to property.
		Never do this.
		Always do this.

- Always contact an authorized service technician for repair or maintenance of this unit.
- This dehumidifier is not intended for use by young children or elderly persons without supervision.
- Young children should be advised not to operate the dehumidifier.
- If the power cord is to be replaced, replacement work should only be performed by certified or authorized technicians.
- All electrical work must be performed in accordance with the national wiring standards and should only be performed by authorized personnel.

NOTE: Due to slight modifications in production, the instructions, features, and/or descriptions found in this manual might vary slightly from your product.

WHAT'S IN THE BOX:

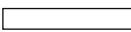


Please verify your box for the following items. Note that some models may not include all items.



1. Dehumidifier
2. User's Guide
3. Installation kit (see details below)

INSTALLATION ACCESSORY KIT ITEMS:

Your model may not include some *optional* mounting accessories, as noted by the symbol *. Illustrations may vary slightly from actual appearance of product.

PART (for illustration only, may not be identical)	PART DESCRIPTION:	QUANTITY INCLUDED:
	Drain Hose	1 piece
	Adapter	1 piece
	Screw	2 pieces

Avoid damaging your new appliance! If required accessories are missing, please contact technical support.

SPECIFICATIONS & WARNINGS:

Carefully review all of these specifications and warnings BEFORE operating your dehumidifier unit. Failure to do so may cause damage, injury, or bodily harm including permanent disability and/or death.

⚠ WARNING FOR YOUR SAFETY

- Do not store or use gasoline or other flammable vapors/liquids in the vicinity of this or any other appliance.
- Avoid fire hazard or electric shock. Do not use an extension cord or an adapter plug.
Do not remove any prong from the power cord.

⚠ WARNING ELECTRICAL INFORMATION

- Be sure your electrical wiring 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.
- 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 connected to 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.

⚠ WARNING

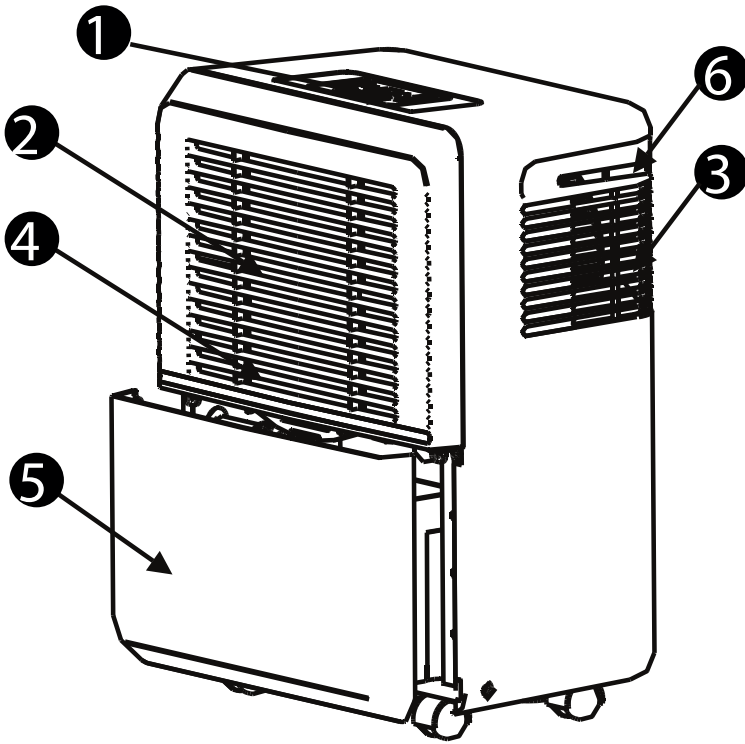
<ul style="list-style-type: none"> ⊗ Do not exceed the rating of the power outlet or connection device. 	<ul style="list-style-type: none"> ⊗ Do not operate or stop the unit by switching on or off the power. 	<ul style="list-style-type: none"> ⊗ Do not damage or use an unspecified power cord.
<ul style="list-style-type: none"> • Otherwise, it may cause electric shock or fire due to excess heat generation. 	<ul style="list-style-type: none"> • It may cause electric shock or fire due to heat generation. 	<ul style="list-style-type: none"> • It may cause electric shock or fire.
<ul style="list-style-type: none"> ⊗ Do not modify power cord length or share the outlet with other appliances. 	<ul style="list-style-type: none"> ⊗ Do not insert or pull out plug with wet hands. 	<ul style="list-style-type: none"> ⊗ Do not place the unit near a heat source.
<ul style="list-style-type: none"> • It may cause electric shock or fire due to heat generation. 	<ul style="list-style-type: none"> • It may cause electric shock. 	<ul style="list-style-type: none"> • Plastic parts may melt and cause a fire.
<ul style="list-style-type: none"> ⊕ Disconnect the power if strange sounds, smell, or smoke comes from it. 	<ul style="list-style-type: none"> ⊗ You should never try to take apart or repair the unit by yourself. 	<ul style="list-style-type: none"> ⊕ Before cleaning, turn off the power and unplug the unit.
<ul style="list-style-type: none"> • It may cause fire and electric shock. 	<ul style="list-style-type: none"> • It may cause failure of machine or electric shock/ 	<ul style="list-style-type: none"> • It may cause electrical shock or injury.
<ul style="list-style-type: none"> ⊗ Do not use the machine near flammable gas or combustibles, such as gasoline, benzene, thinner, etc. 	<ul style="list-style-type: none"> ⊗ Do not drink or use the water drained from the unit. 	<ul style="list-style-type: none"> ⊗ Do not take the water reservoir out during operation.
<ul style="list-style-type: none"> • It may cause an explosion or fire. 	<ul style="list-style-type: none"> • It contains contaminants and could make you sick. 	<ul style="list-style-type: none"> • It may ruin the reservoir full protection on the unit and cause electric shock.

⚠ CAUTION

<ul style="list-style-type: none"> ⊗ Do not use the unit in small spaces. 	<ul style="list-style-type: none"> ⊗ Do not put in places where water may splash onto the unit. 	<ul style="list-style-type: none"> ⊕ Place the unit on a level, sturdy section of the floor.
<ul style="list-style-type: none"> • Lack of ventilation can cause overheating and fire. 	<ul style="list-style-type: none"> • Water may enter the unit and degrade the insulation. It may cause an electric shock or fire. 	<ul style="list-style-type: none"> • If the unit falls over, it may cause water to spill and damage belongings, or cause electrical shock or fire.
<ul style="list-style-type: none"> ⊗ Do not cover the intake or exhaust openings with cloths or towels. 	<ul style="list-style-type: none"> ⊕ Care should be taken when using the unit in a room with the following persons: 	<ul style="list-style-type: none"> ⊗ Do not use in areas where chemicals are handled.
<ul style="list-style-type: none"> • A lack of air flow can lead to overheating and fire. 	<ul style="list-style-type: none"> • Infants, children, elderly people, and people sensitive to dry environments. 	<ul style="list-style-type: none"> • This will cause the unit deterioration due to chemicals and solvents dissolved in the air.
<ul style="list-style-type: none"> ⊗ Never insert your finger or other foreign objects into grills or openings. Take special care to warn children of these dangers. 	<ul style="list-style-type: none"> ⊗ Do not place heavy object on the power cord and take care so that the cord is not compressed. 	<ul style="list-style-type: none"> ⊗ Do not climb up on or sit on the unit.
<ul style="list-style-type: none"> • It may cause electric shock or failure of appliance. 	<ul style="list-style-type: none"> • There is danger of fire or electric shock. 	<ul style="list-style-type: none"> • You may be injured if you fall or if the unit falls over.
<ul style="list-style-type: none"> ⊕ Always insert the filters securely. Clean filter once every two weeks. 	<ul style="list-style-type: none"> ⊗ If water enters the unit, turn the unit off and disconnect the power, contact a qualified service technician. 	<ul style="list-style-type: none"> ⊗ Do not place flower vases or other water container on top of the unit.
<ul style="list-style-type: none"> • Operation without filters may cause failure. 	<ul style="list-style-type: none"> • It may cause failure of appliance or accident. 	<ul style="list-style-type: none"> • Water may spill inside the unit, causing insulation failure and electrical shock or fire.

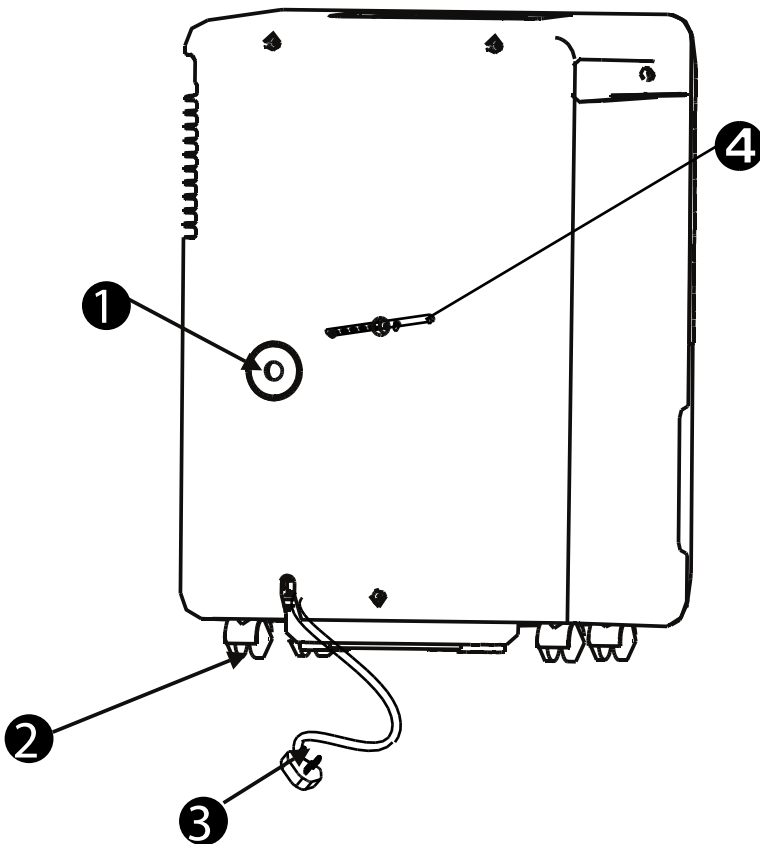
DEVICE PARTS:

FRONT PANEL:



- 1) Control panel
- 2) Air intake grille
- 3) Air outlet grille
- 4) Air filter (behind the grille)
- 5) Water reservoir
- 6) Handle (both sides)

REAR PANEL:



- 1) Drain hose outlet
- 2) Rolling casters
- 3) Power cord and plug
- 4) Band (used only when storing unit)

NOTE: All drawings in this manual are for illustrative purposes only. The actual shape of the unit you purchased may be slightly different, but the operations and functions are the same.

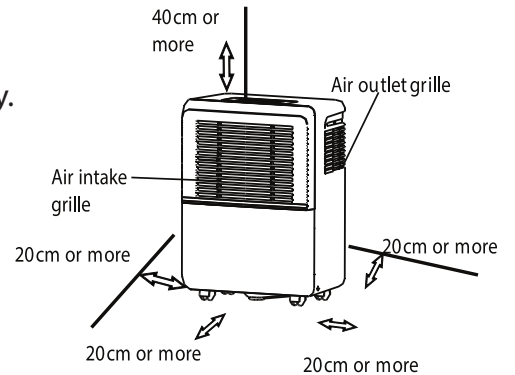
INSTALLATION & OPERATING INSTRUCTIONS:

Carefully review all of these instructions BEFORE proceeding to install and operate your dehumidifier. Failure to do so may cause damage, injury, or bodily harm including permanent disability and/or death.

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.

- 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 reservoir of water.
- Allow at least 20cm of air space on all sides of the unit for good air circulation.
- 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 temperatures below 41°F (5°C), which may reduce performance.
- Place the unit away from the clothes dryer, heater or radiator. Use the unit to prevent moisture damage anywhere books or valuables are stored.
- Use the dehumidifier in a basement to help prevent moisture damage.
- The dehumidifier must be operated in an enclosed area to be most effective.
- Close all doors, windows and other outside openings to the room.



Casters (4 on the bottom of unit)
Casters can move freely.
Do not force casters to move over carpet, nor move the unit with water in the reservoir. (The unit may tip over and spill water and cause shock)

WHEN USING THE UNIT:

- When first using the dehumidifier, operate the unit continuously 24 hours.
- This unit is designed to operate with a working environment between 41°F–95°F (5°C–35°C).
- 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 electrical socket-outlet with earth connection.
- Make sure the water reservoir is correctly fitted otherwise the unit will not operate properly.
- **NOTE:** When the water in the reservoir reaches to a certain level, please be careful when moving the machine to avoid it tipping over.

OPERATING INSTRUCTIONS (CONTINUED):

REMOVING THE COLLECTED WATER:

There are two ways to remove collected water.

1. USE THE RESERVOIR

- When the unit is off and the reservoir is full, the indicator light will flash.
- When the unit is on, if the reservoir is full, the compressor turns off and the fan turns off after 30 seconds for drying the water of the condenser, then the unit will beep 8 times and the Full indicator light will flash. The digital display shows error P2.
- Slowly pull out the reservoir. Grip the left and right handles securely, and carefully pull out straight so water does not spill. Do not put the tank on the floor because the bottom of the reservoir is uneven. If the reservoir is balanced on the floor, it will fall and water will spill.
- Throw away the water and replace the reservoir. The reservoir must be in place and securely seated for the dehumidifier to operate.
- The machine will re-start when the reservoir is re-inserted correctly.
- **NOTES:** When you remove the reservoir, do not touch any parts inside of the unit. Doing so may damage the product. Be sure to push the reservoir gently all the way into the unit. Banging the reservoir against anything or failing to push it in securely may cause the unit to stop operating. If water spills or is found within the unit upon removing the reservoir, you must dry the unit carefully.

IMPORTANT: When removing the reservoir, ensure the pump hose is properly positioned before re-inserting the reservoir as shown in Figure C.

2. CONTINUOUS DRAINAGE

Water can be automatically emptied into a floor drain by attaching the unit with a water hose (5/16" diameter) with a 1" female threaded end.

- Install the drain hose onto the adapter A (see Figure D).
- Remove the plastic cover from the back drain outlet of the unit and set aside and remove reservoir, then insert the drain hose through the drain outlet of the unit and securely press it into the connector on the front of the unit. (see Figure F)
- Tighten the adapter A and the unit by using two screws (placed in the reservoir).
- Install the female threaded end of the water hose into the adapter A (see Figure G), then lead the water hose to the floor drain or a suitable drainage facility.

1. Pull out the bucket a little.

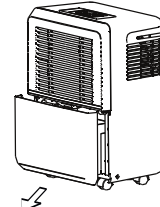


Figure A

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

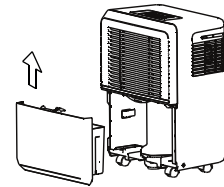


Figure B

3. Pour the water out.

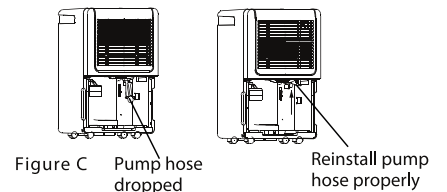


Figure C

Pump hose dropped

Reinstall pump hose properly

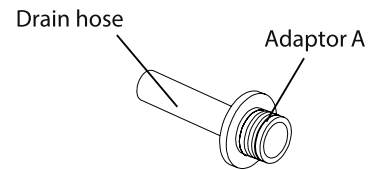


Figure D

Plastic cover

Drain hose subassembly

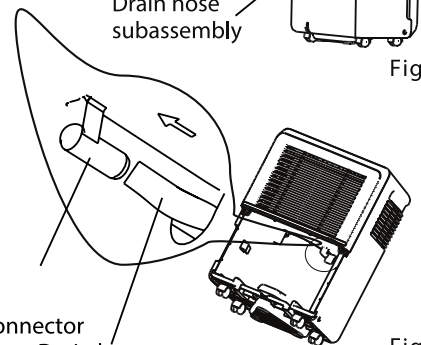


Figure E

Connector
Drain hose

Figure F

Water hose

Female threaded end

Figure G

- 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 flow. Place the end of the hose into the drain and make sure the end of the hose is level or down to let the water flow smoothly. Do never let it up.
- Place the reservoir back in the unit and make sure that it is seated correctly.
- Select the desired humidity setting and fan speed on the unit to commence continuous draining.

3. PUMP DRAINAGE

Water can be automatically emptied into a floor drain by connecting the unit pump to a 1/4" hose. Follow these instructions carefully:

- Remove the continuous drain hose and subassembly. Install the plastic cover to the continuous drain hose outlet using two screws (see Figure H)
- Reinsert the pump drain hose into the pump drain hose outlet. Push the hose onto the outlet a minimum of 3/4" for a secure fit.
- Press the pump button on the unit to activate the pumping function. When the reservoir is full, the pump will operate for 3-5 minutes and empty the reservoir. Note that the pump may produce a loud noise—this is normal.
- 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 flow. Place the end of the hose into the drain and make sure the end of the hose is level or down to let the water flow smoothly. Do never let it up.
- Place the reservoir back in the unit and make sure that it is seated correctly.
- Select the desired humidity setting and fan speed on the unit to commence continuous draining.

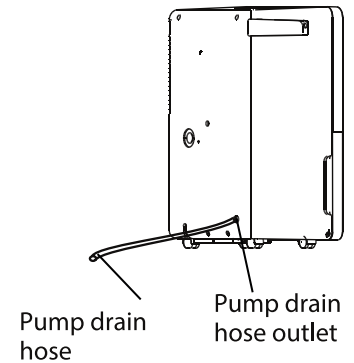
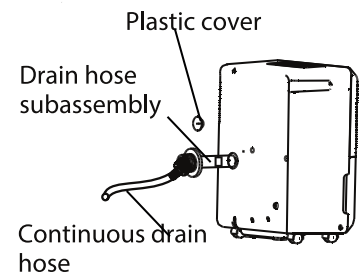


Fig. H

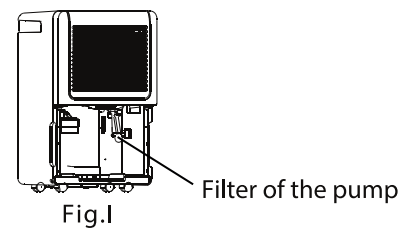
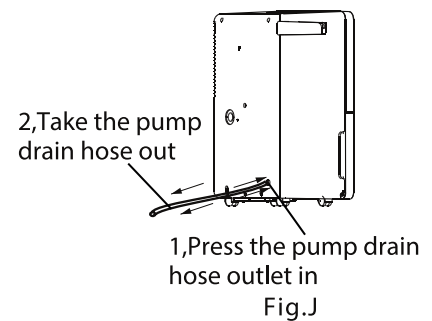


Fig. I

IMPORTANT: To clean the pump filter, remove the reservoir from the unit and descend the pump. Clean the filter (as shown in Figure I) using warm water. When re-inserting the pump filter, ensure that the pump drain hose does not kink or block. Re-insert the reservoir and resume operation.

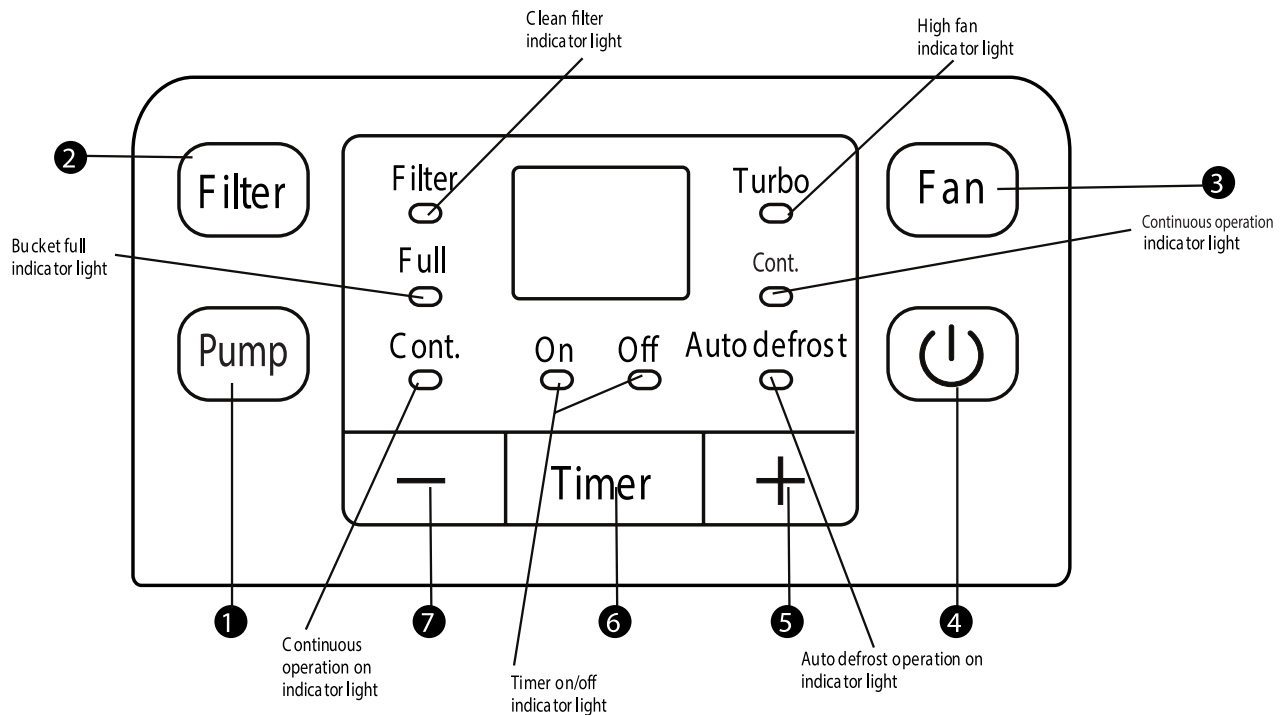
IMPORTANT: Do not operate the pump in near-freezing environments as this can cause permanent damage to your unit! Consult Figure J.



FRONT PANEL OVERVIEW:

The following diagram and legend shows the functions of the front operating panel. Some functions are only available on select models.

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



1) Pump Button

Press to activate continuous pump drainage mode.

2) Filter Button

The check filter indicator is a feature to remind you clean the air filter for more efficient operation. The filter light will illuminate after 250 hours of operation. To reset after cleaning the filter, press the filter button and the light will go off.

3) Fan Speed Button

Control fan speed. Press to select either high or normal fan speeds. Set the fan speed to high for maximum moisture removal. When the humidity is reduced or quiet operation is preferred, set the fan speed to normal.

4) Power Button

Turns the unit on and off.

5/7) Up (+) & Down (-) Buttons

The relative humidity (RH) can be set within a range of 35% to 85% in 5% increments. For drier air, press the pad and set a lower percentage value (%). For damper air, press the pad and set a higher percentage value (%).

6) Timer Button

Activate the unit for a set period of time, increased and decreased using the + and - buttons

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).

ERROR CODES AND PROTECTION CODES:

AS) Humidity sensor error—Unplug the unit and plug it back in. If error repeats, call for service.

ES) Temperature sensor error—Unplug the unit and plug it back in. If error repeats, call for service.

P2) Reservoir is full or reservoir is not seated correctly—Empty the reservoir and replace it in the right position.

EC) Unit malfunction—Please make sure whether the environment temperature is suitable for the stated temperature in the manual or not. If not, please operate the unit under the stated temperature. If the environment temperature is suitable for the stated temperature, please call for service.

E3) Unit malfunction—unplug the unit and plug it back in. If the error persists, contact technical support immediately.

Eb) The condensor collection bucket is in the wrong position. Remove the bucket and reposition it correctly.

ADDITIONAL FEATURES:

RESERVOIR FULL LIGHT

- Illuminates when the reservoir is ready to be emptied, or when the reservoir is removed and not seated in the proper position.

AUTO SHUT OFF

- The dehumidifier shuts off after 30seconds when the reservoir is full, or when the reservoir is removed or not seated in the proper position. When the desired humidity level is reached, the unit will also shut off automatically. On some models, the fan motor will continue operating.

AUTO DEFROST

- When frost builds up on the evaporator coils, the compressor will cycle off and the fan will continue to run until the frost disappears.

AUTO PROTECT

- Once the unit is turned off, it can not restart operation for the first 3 minutes. This is to protect the unit. Operation will automatically resume after 3 minutes.

CHECK FILTER

- The system keeps count when the fan motor operates and illuminates the clean filter light after 250 hours of operation (every 10 days if in continuous use). The indicator light flashes one time each second.
- After cleaning the air filter, press the filter button on the control panel and the indicator turns off.

AUTO RESTART

- If the power goes out, the unit will restart with the previous function settings automatically when power returns.

TIMER FUNCTION

- The timer indicator lights are for two separate functions, one to automatically turn the unit on and another to automatically shut it off. Both programs can be set at the same time.

Setting the unit to automatically turn off:

- Push the timer button once (if dehumidifier is running) or twice (if dehumidifier is not running) until the 'OFF' indicator illuminates
- Use the + and – pad to select the number of hours before the unit automatically turns off.
- The time will be programmed after 5 seconds of inactivity and the display will return to show the humidity level.

Setting the unit to automatically turn on:

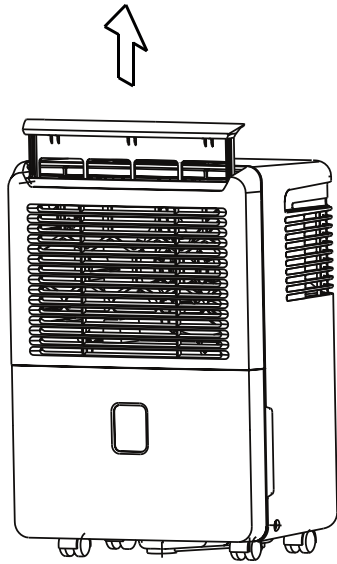
- Push the timer button once (if dehumidifier is not running) or twice (if dehumidifier is running) until the 'ON' indicator illuminates.
- Use the + and – pad to select the number of hours before the unit automatically turns off.
- The time will be programmed after 5 seconds of inactivity and the display will return to show the humidity level.

NOTE: Both 'ON' and 'OFF' indicators can be illuminated—the unit will automatically turn itself on and off according to the programmed times.

\$\$\$ SAVE & CONSERVE ENERGY

- Use the unit in the recommended room size.
- Locate the unit where furniture cannot obstruct the air flow.
- Keep the filters clean.
- Keep doors and windows closed.

Figure 1



or

Figure 2

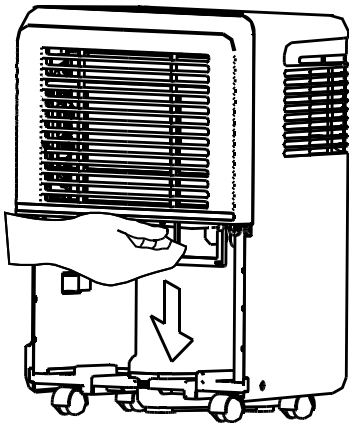
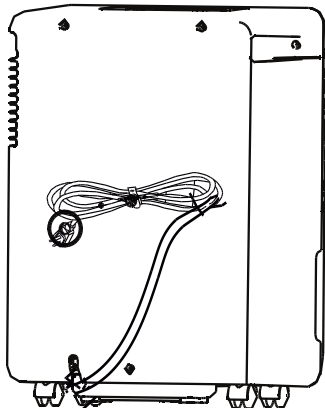


Figure 3



IMPORTANT: Turn the dehumidifier off and remove the plug from the wall outlet before cleaning.

CLEANING THE GRILLE AND CASE:

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

CLEANING THE RESERVOIR:

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

NOTE: Do not use a dishwasher to clean the reservoir. After cleaning, the reservoir must be in place and securely seated for the dehumidifier to operate.

CLEANING THE AIR FILTER

- Remove the filter every two weeks based on normal operating conditions.
- Remove the filter from the top of the unit (Figure 1) or to remove the filter, remove reservoir then pull filter downwards (Figure 2).
- Wash the filter with clean water then dry. Re-install the filter, replace the reservoir.

CAUTION: DO NOT operate the dehumidifier without a filter because dirt and lint will clog it and reduce performance.

BEFORE STORING OR NOT USING A UNIT FOR LONG PERIODS OF TIME:

- After turning off the unit, wait one day before emptying the reservoir.
- Clean the main unit, water reservoir and air filter.
- Wrap the cord and bundle it with the band (Figure 3). Cover the unit with a plastic bag.
- Store the unit upright in a dry, well-ventilated place.

TROUBLESHOOTING TIPS:

Problem	What to Check
Unit does not start	<ul style="list-style-type: none">• Make sure the dehumidifier plug is pushed completely into the outlet.• Check the house fuse/circuit breaker box.• Dehumidifier has reached its preset level or bucket is full.• Reservoir is not in the proper position.
Dehumidifier does not dry the air as it should	<ul style="list-style-type: none">• Did not allow 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.• Room temperature is too low, below 41°F (5°C).• There is a kerosene heater or something giving off water vapor in the room.
The unit makes a loud noise when operating	<ul style="list-style-type: none">• The air filter is clogged.• The unit is tilted instead of upright as it should be.• The floor surface is not level.
Frost appears on the coils	<ul style="list-style-type: none">• This is normal. The dehumidifier has an auto-defrost feature.
Water on floor	<ul style="list-style-type: none">• Hose to connector or hose connection may be loose.• During use with collection reservoir, but the back drain plug is open.
ES, AS, P2, EC, E3 appear on the display	<ul style="list-style-type: none">• These are standard error codes, please see page 7 for solutions.
The pump operation light blinks	<ul style="list-style-type: none">• Clean the pump filter.• Ensure the pump hose is not kinked or blocked.• Empty the collection reservoir.

CONTACT SUPPORT:

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