Hisense

Dehumidifier Use & Care Guide

Guía de uso y cuidado del deshumificador

Model/Modelo:

DH50K1W
DH50KP1WG
DH70K1G
DH70KP1WG
DH70W1WG

For questions about features, operation/performance, parts or service,call:
1-877-465-3566

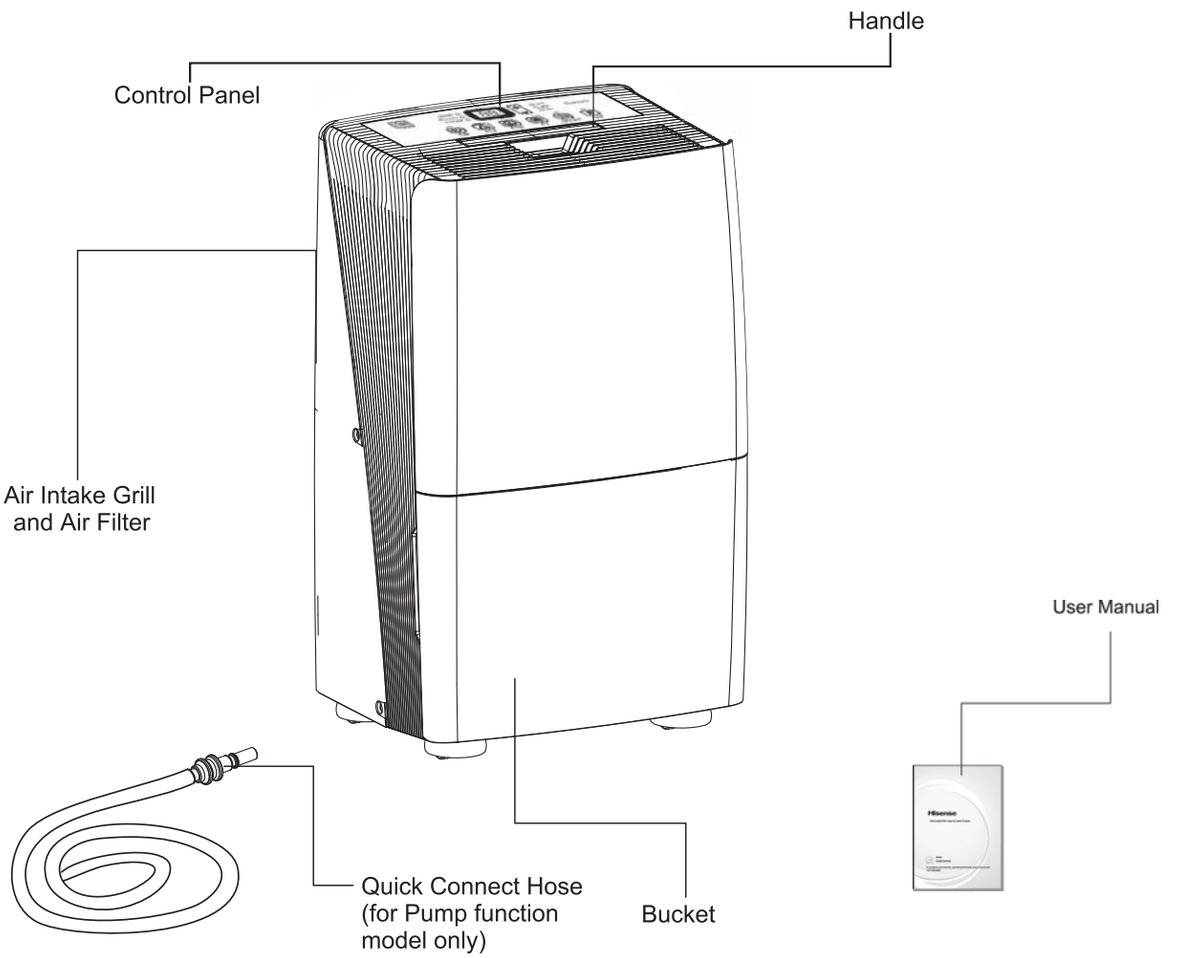
Si tiene algunas preguntas sobre las características, función/rendimiento, piezas o servicio, llame al: **1-877-465-3566**

TABLE OF CONTENTS

PRODUCT OVERVIEW 1
DEHUMIDIFIER SAFETY 2
INSTALLATION REQUIREMENTS 3
Electrical Requirements 3
Location Requirements 3
DEHUMIDIFIER USE 4
Setting the Controls 4
Draining the Dehumidifier 7
Normal Sounds 8
DEHUMIDIFIER CARE 9
Cleaning the Air Filter 9
Cleaning the Dehumidifier 9
TROUBLE SHOOTING 10

State California Proposition 65 Warnings:
WARNING: This product contains one or more chemicals known to the State of California to cause cancer.
WARNING: This product contains one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

Product Overview



DEHUMIDIFIER SAFETY

Your safety and safety of others are very important

We have provided many important safety messages in this manual and on your appliance.
Always read and follow all safety messages.



This is the safety alert symbol.
This symbol alerts you to potential hazards that can kill or hurt you and others.
All safety messages will follow the safety alert symbol with the word
“DANGER” or “WARNING”
These words mean:

⚠DANGER — **A hazard that if not avoided, will result in death or serious injury.**

⚠WARNING — **A hazard that if not avoided, could result in death or serious injury.**

All safety messages will tell you what the potential hazards are, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, injury or sickness when using your dehumidifier, follow these basic precautions:

- Plug into a grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an electrical adapter.
- Do not use an extension cord.
- Unplug dehumidifier before servicing.
- Do not drink water collected in the water bucket.

SAVE THESE INSTRUCTIONS

DISPOSING OF THE UNIT

- Dispose of this appliance in accordance with Federal and Local regulations. Refrigerants must be evacuated before disposal.
- Please recycle or dispose of the packaging material of the product in an environment-friendly manner.
- To avoid damage to the compressor, never store or ship the appliance upside down or sideways.
- The appliance is not intended for use by young children or inpaired people without supervision. Young children should be supervised to ensure that they do not play with the appliance.

INSTALLATION REQUIREMENTS

Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Always plug into a grounded three-prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

Specific electrical requirements are listed in the chart below. Follow the requirements for the type of plug on the power supply cord.

Power supply cord	Wiring requirements
	■ 115 V (103.5 min. to 126.5 max.) ■ 15 A time-delay fuse or circuit breaker

Recommended Grounding Method

This dehumidifier must be grounded. This dehumidifier is equipped with a power supply cord with a three-prong grounding plug. The cord must be plugged into a mating, grounded three-prong outlet, grounded in accordance with all local codes and ordinances. If a mating outlet is not available, it is the customer's responsibility to have a properly grounded three-prong outlet installed by a qualified electrical installer.

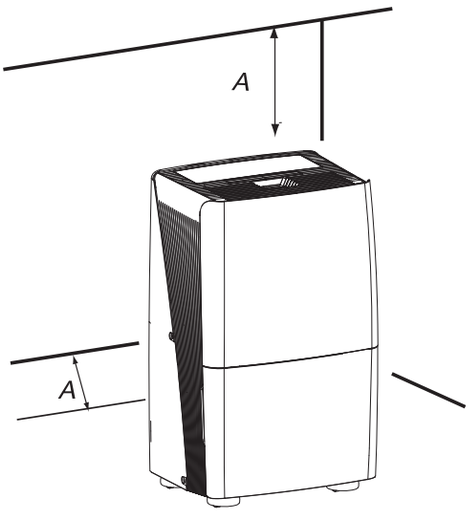
It is the customer's responsibility:

- To contact a qualified electrical installer.
- To assure that the electrical installation is adequate and conforms to the Nation Electrical Code,ANSI/NFPA 70-last edition,and all local codes and ordinances.

Copies of the standards listed may be obtained from:
Nation Fire Protection Association
1 Batterymarch Park
Quincy, Ma 02169-7471
www.nfpa.org

Location Requirements

NOTE:Your model may differ from the one shown.



A. 12" to 18" (30.5 to 45.7 cm)

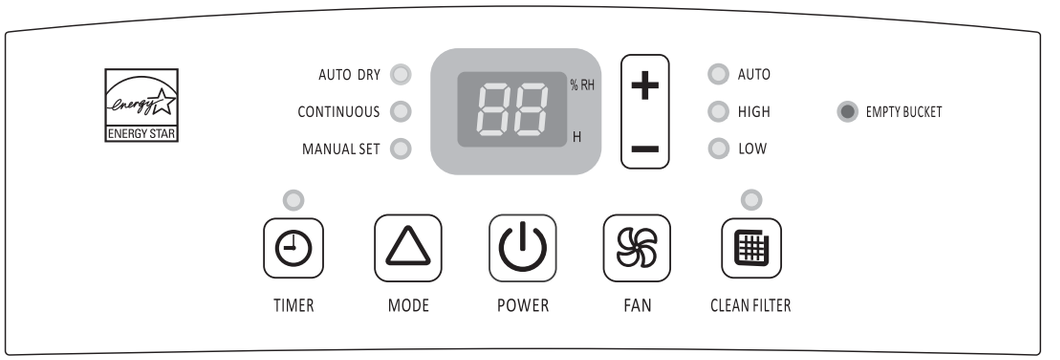
- Do not locate outdoors. This dehumidifier is intended for indoor, residential use only. This dehumidifier is not recommended for commercial use.
- Allow at least 12" to 18" (30.5 cm to 45.7 cm) of space on the rear and sides of the dehumidifier for models with back louver and above the dehumidifier for models with top louvers.
- You will need a surface strong enough to support the dehumidifier when its bucket is full of water.
- You will need a surface level enough to keep the water from spilling when the bucket is full of water.
- Keep all outside doors, windows and other openings closed when you are operating the dehumidifier. Humid outdoor air will increase the dehumidifier's workload, increasing energy consumption due to continuous running (The dehumidifier is never be able to reach the humidistat's set point).
- Install the dehumidifier in an area where the temperature will not fall below 38 ºF (3 ºC) to avoid freezing. Lower temperatures will cause performanceto drop.
- Do not block the louvers of the unit.
- Never operate this dehumidifier in an area that is likely to accumulate standing water.If this condition develops,for your safety disconnect the power supply before stepping into the water.

DEHUMIDIFIER USE

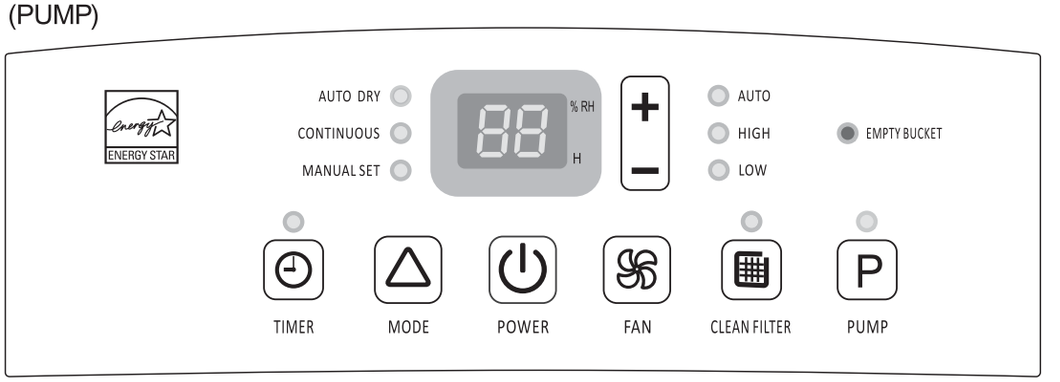
Setting the Controls

Control Panel

Control Type1



Control Type2 (PUMP)



NOTES:

- The control panel of your model may differ from the one shown above.
- PUMP button may not be displayed on the panel if your model does not have that function.

Starting/Stopping the Dehumidifier

WARNING: The dehumidifer should be upright for at least 2 hours before use.

NOTES:

- Before turning on the dehumidifier, be sure that the bucket is empty and fits all the way into the dehumidifier.
- Each time you unplug the dehumidifier or power is interrupted, the controls will return to the previous settings when power is restored.
- Humidity displayed is between 30% Relative Humidity and 90% Relative Humidity.
- Humidity can be set between 30% Relative Humidity and 80% Relative Humidity.
- It's important to set the desired humidity level to an achievable setting. To ensure energy-efficient operation, only use the dehumidifier in a closed space, with no open windows or other sources of moist air (to avoid continuous running)
- Operating temperature is between 38°F to 90°F (3.2°C to 32.2°C)

⚠WARNING



Electric Shock Hazard

Always plug into a grounded three-prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire or electric shock.

1. Plug into a grounded three-prong outlet.
2. Press POWER to turn on the dehumidifier.
3. Press FAN to choose the fan speed.
4. Press MODE to choose the mode.
5. Press the plus or minus button to set the level of humidity.
6. Press POWER to turn off the dehumidifier.



NOTE: The dehumidifier will retain your last settings.

EMPTY BUCKET Light

If this light is on, the dehumidifier is not running. This light indicates that you need to check:

- If the bucket is full, empty and re-install bucket.
- If the bucket is not in position, remove the bucket and re-install it. Make sure the bucket fits all the way into the dehumidifier and the bucket light is off, or dehumidifier will not run.

Fan Speed

1. Press FAN to select fan speed.
2. Choose Low, Auto or High.



- LOW- Reaches the desired humidity setting with lower sound level.
- AUTO- Achieves set humidity at normal speed.
- HIGH-Will more quickly reach the desired humidity setting.

NOTE:

Once the humidity set point is reached, the dehumidifier will stop running continuously, and the fan will be off periodically.
The fan may periodically turn on, to read the humidity level, without the compressor running.

Desired Humidity-Mode

1.Press MODE to select the desired humidity setting.



2.Choose Auto Dry,Continuous or Manual Set.

- AUTO DRY: The dehumidifier will operate in dry mode only. The Fan Speed can be adjusted. The Desired Humidity is set to 50% automatically.
- CONTINUOUS: The dehumidifier will operated continuously.
  The Fan Speed can be adjusted. The Desired Humidity can not be adjusted.
- MANUAL SET:The dehumidifier will operate at the selected fan speed to the set humidity level.

If the humidity level of the room is higher than the desired humidity setting, the compressor will turn on. If the humidity level of the room is lower than the desired humidity setting, the compressor will turn off, as well as the fan.

NOTE:

The de-icing function will turn off the compressor if a low temperature condition occurs. When the de-icer senses the correct operating temperature, the compressor will cycle back on.
Some freezing is normal when dehumidifiers are used at low temperatures.

Power

Press POWER to turn on or turn off the dehumitifier.



Humidity Level

1. Press the Plus or Minus button to activate the humidity setting program. Digits in the digital display will flash.
2. Press the Plus or Minus button again to set the desired humidity level.



3. Digital display will stop flashing five seconds after setting, after which the actual room humidity will be displayed.

NOTE:

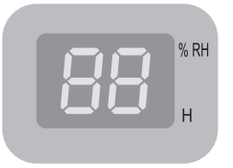
Humidity can only be adjusted manually in Manual Set mode.
In Continuous and Auto Dry mode, humidity level is set automatically.

Digital Display

The display shows relative humidity or time (depending on the setting).

1.When the dehumidifier operates in Manual Set mode,the display shows the relative humidity of the room.

2.When the timer is selected, the display shows the time when the dehumidifier will turn on or turn off, depending on the setting.



NOTE:

The humidity displayed is only for reference. For accurate humidity, please check a hygrometer.

Timer

To set the Timer for a 30-minute to 24-hour delay before the dehumidifier is turned off (the dehumidifier must be On):

1. Press TIMER. Timer indicator light will come on, and the Display will flash. The display will show remaining time before the dehumidifier will turn off.



2. Press the Plus or Minus button to change the delay time, from 30 minutes to 24 hours.

To set Timer to turn on the dehumidifier, with previous setting:

1. Turn off the dehumidifier.
2. Press TIMER. Timer indicator light will flash. The display will show remaining time before the dehumiditier will turn on.
3. Press the Plus or Minus button to change the delay time, from 30 minutes to 24 hours.

To clear the Timer delay program:

NOTE: Dehumiditier can be either on or off.

1. Press TIMER once after it has been programmed. Display will show remaining time.
2. While the display is showing the remaining time, press TIMER again. Timer indicator light will turn off.

To see the remaining time.

Press TIMER once after it has been programmed. Display will show remaining time.

Clean Filter

1. When the CLEAN FILTER indicator light is on, remove, clean and replace the air filter. See “Cleaning the Air Filter”.

2. Press the CLEAN FILTER button after cleaning and replacing the air filter to reset the filter monitor.



NOTE:

When the light is on, it will remain on for 360 hours or until you press CLEAN FILTER. After 180 hours, it will turn off automatically.

Pump (for Pump function model only)

This feature pumps water horizontally or vertically.

Pump water to a drain, out a window or anywhere you think suitable.

IMPORTANT:

You must connect the drain hose to the unit before pressing the Pump button, or the pump will not operate. See “Pump drain” for connecting instructions.

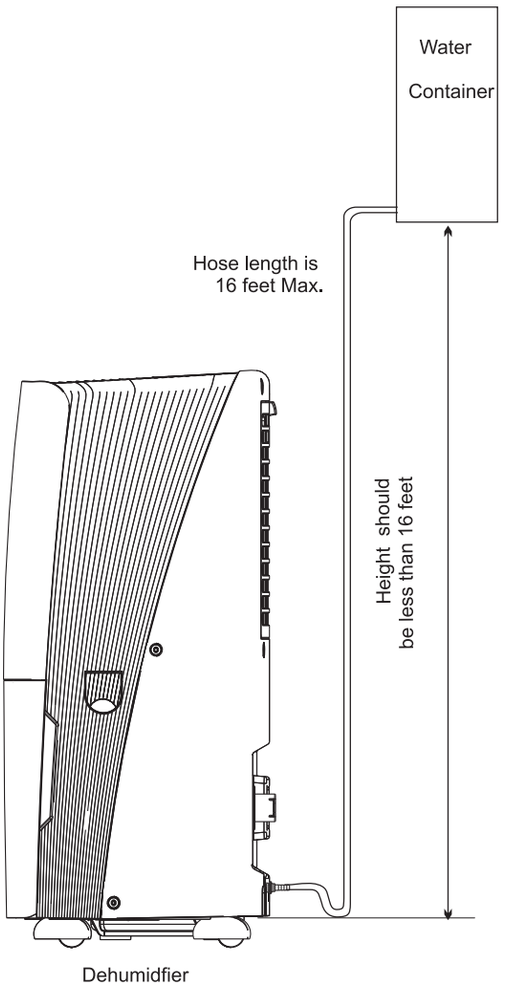


1. Press PUMP to activate the pump system for active drainage.
2. Once the pump button is pressed, the pump light will switch on.

NOTE:

- If the pump light flashes, it means that the pump is not functioning properly.
- If the drain hose is not correctly connected to the unit or is bent, the pump light will flash and the pump system will not work. See “Trouble shooting” for direction.

Site for installing hose for pump function:



Draining the Dehumidifier

⚠ WARNING

Sickness Hazard

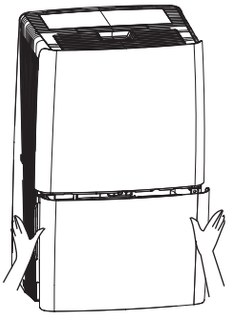
Do not drink water collected in water bucket.

Doing so can result in sickness.

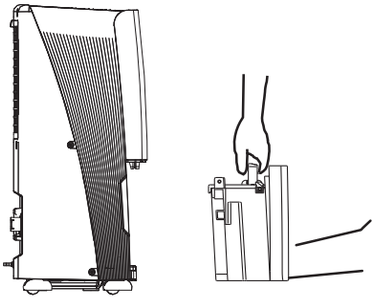
Option 1 Bucket Draining

If a floor drain is not available,or you do not plan to run your dehumidifier continuously,you may want to simply empty the bucket.

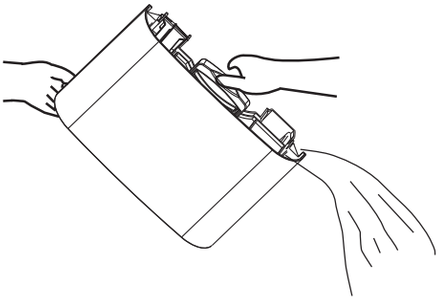
1.Grasp the bucket sides to slide out bucket.



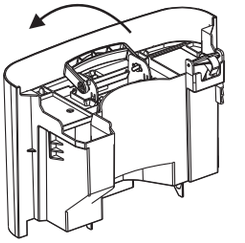
2.Grasp the handle and bottom of the bucket to lift bucket.



3.Pour water through opening into a sink or tub.



4.Fold down the handle and reinstall the bucket.



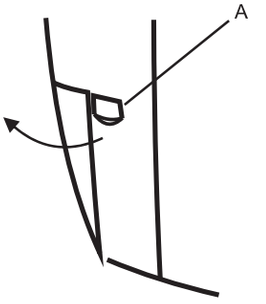
IMPORTANT:

If the EMPTY BUCKET light comes on,the duhumidifier will not operate. The bucket may need to be emptied or adjusted.

Option 2 Gravity Draining

If you plan to run your dehumidifier continuously, you can choose direct draining by attaching a garden hose to the unit.

1.Uncover the connector cover on the side of the unit.

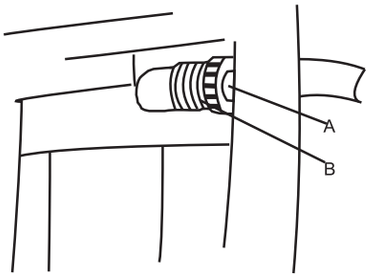


2.Remove bucket.

3.Attach a garden hose to the drain hose connector on the inside of the dehumidifier. Securely attach the hose to be sure there is no water leak.

NOTE: The Garden hose is sold separately.

NOTE: The connection is designed for North America Area-market garden hoses, only.

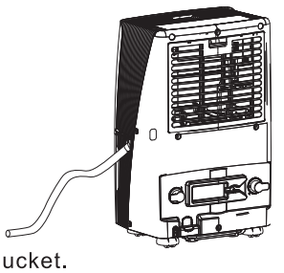


A. Garden hose
B Drain hose connector

IMPORTANT:

In the North Area-market, the garden hose connectors are 3/4" diameter straight (non-tapered) thread with a pitch of 11.5 threads per inch (male part has an outer diameter of 1 1⁄16inches (26.99 mm)).

4.Place the other end of garden hose into a floor drain. Check to see that the hose lies flat and is in the drain. Make sure the draining end of the hose is on a lower level than the hose connection to the dehumidifier. The hose should not be kinked or pinched.



5.Reinstall bucket.

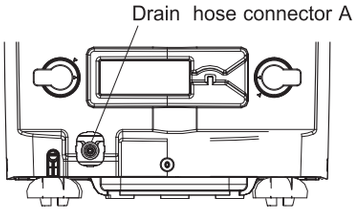
NOTES:

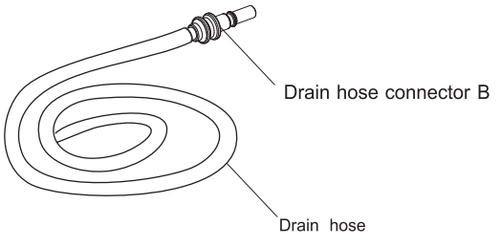
- To use the bucket without the garden hose, simply remove the the garden hose, then reinstall bucket.
- The bucket must be installed and properly aligned for the the dehumidifier to operate with or without a garden hose connected.

Option 3 PUMP-Drain (for Pump function model only)

This feature can pump water horizontally or vertically to a floor drain, out a window or anywhere you think suitable.

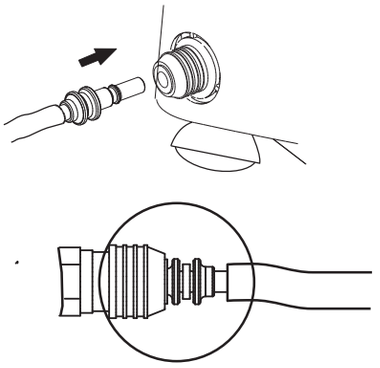
NOTE: You must connect the drain hose (with connector B) to connector A before pressing the Pump button. If the pump does not function properly, see “Trouble shooting” for instructions.





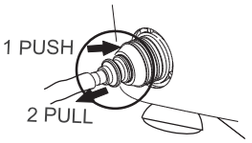
1. To connect the drain hose to the unit,

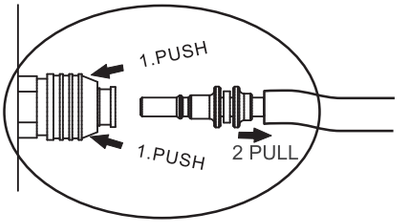
push drain hose connector B into the connector A.



2. To disconnect the drain hose,

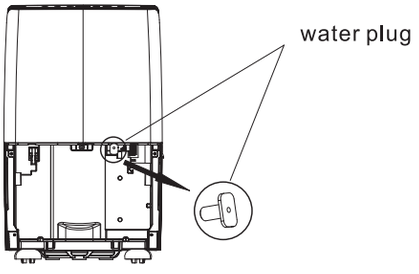
push connector A in, and then pull connector B out.





How to disconnect

NOTE: If the unit will not be used for a certain period of time, please remove the water plug as shown in the picture and drain the dehumidifier completely.



IMPORTANT: Before operating the dehumifier, please ensure the water plug is tightly plugged, otherwise the garden hose drainage and pump drainage options will not work properly.

Normal Sounds

When your dehumidifier is operating normally, you may hear sounds such as:

- Compressor sounds, which may be loud.
- Air movement from the fan.
- Pump sounds, which may be loud.
- Clicking sounds when the dehumidifier or compressor turns on and off, and when the Automatic shut-off Switch is working.

DEHUMIDIFIER CARE

Your new dehumidifier is designed to give you many years of dependable service.This section explains how to clean and care for your dehumidifier.

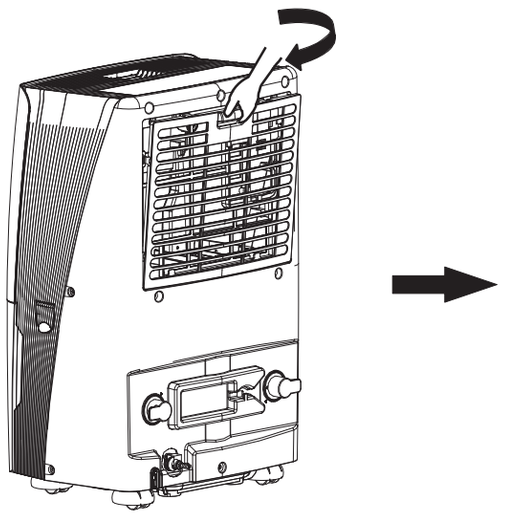
Cleaning the Air Filter

The air filter is removable for easy cleaning. A clean filter helps remove dust, lint, and other particles from the air and is important for best operating efficiency.Check the filter every two weeks to see whether it needs cleaning.

1.Turn off the dehumidifer.

2.Remove the air intake grill.

3.Take out the air filter.



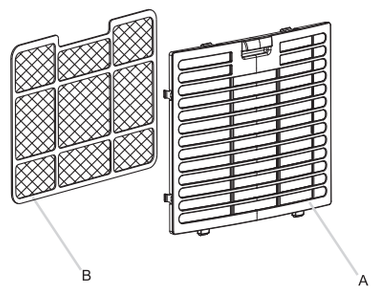
4.Use a vacuum cleaner to clean the air filter If the air filter is dirty, wash it in warm water with a mild detergent.

NOTES:

Do not wash air filter in the dishwasher or use any chemical cleaners. Air dry filter completely before replacing to ensure maximum efficiency.

5.Reinstall the air filter and the air intake grill.

6.Turn on the dehumidifier.



A Air intake grill

B Air filter

Cleaning the Dehumidifier

Exterior

NOTE:

1. Turn off the dehumidifier and unplug the power supply cord.
2. Dust the surface of the unit with a soft cloth or the dusting attachment of your vaccum cleaner.

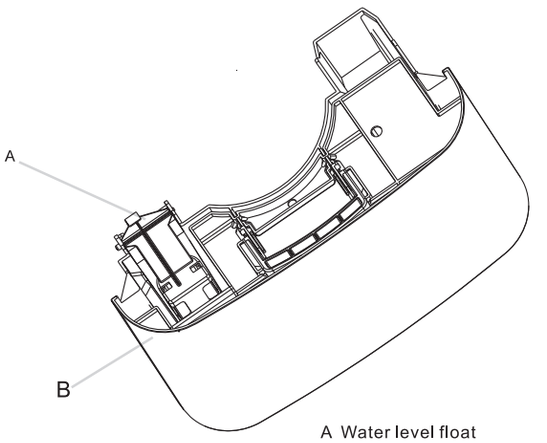
Water Bucket

Every few weeks, rinse the inside of the water bucket with a mild detergent to avoid growth of mold, mildew and bacteria.

Water Level Float

The dehumidifier's water bucket has an EMPTY BUCKET light and a water level float.The bucket must be properly aligned for the water level float and the EMPTY BUCKET light to work.

NOTE: Be sure the float is snapped correctly in place.



A Water level float

B Bucket

TROUBLE SHOOTING

Before calling for service, try the suggestions below .

Dehumidifier will not run

■ Is the dehumidifier turned on?
Turn on the dehumidifier.

⚠WARNING



Electrical Shock Hazard
Plug into a grounded three-prong outlet.
Do not remove ground prong.
Do not use an adapter.
Do not use an extension cord.
Failure to follow these instructions can result in death, fire or electric shock.

■ **Is the power cord plugged into a grounded three-prong outlet?**
Plug into a grounded three-prong outlet. See Electrical Requirements.

■ **Has a household fuse blown or has a circuit breaker tripped?**
Replace the fuse or reset the circuit breaker. If the problem continues, call an electrician. See "Electrical Requirements."

■ **Is the bucket installed properly?**
Reinstall the bucket so that it fits all the way into the dehumidifier.

■ **Does the bucket need to be emptied?**
Empty the bucket.

■ **Is the water level float in place?**
Remove the bucket. Make sure the float is snapped in place. Reinstall the bucket.

Dehumidifier runs but does not dehumidify

■ **All models have an automatic de-icing function that will shut off the compressor and allow the fan to run.**
When the de-icing function senses the correct operating temperature,the compressor will cycle back on.

■ **Is the control set to Continuous?**
If you have selected Continuous Run, the dehumidifier will run continuously. If the room humidity level is low, little or no water may be collected.

■ **The filter is dirty or obstructed by debris.**
Clean the filter.

Air coming from the dehumidifier is warm

■ **Dehumidifier will put out warm air under normal operating conditions.**

Dehumidifier displays error codes

■ **If the dehumidifier displays an error code, please contact Hisense customer service at 1-877-465-3566.**

Pump system does not work

Does the pump indicator light flash?

1. Check and make sure the drain hose is correctly connect to the unit.
2. Press the POWER button to turn off the unit. Restart the unit by pressing POWER button again.