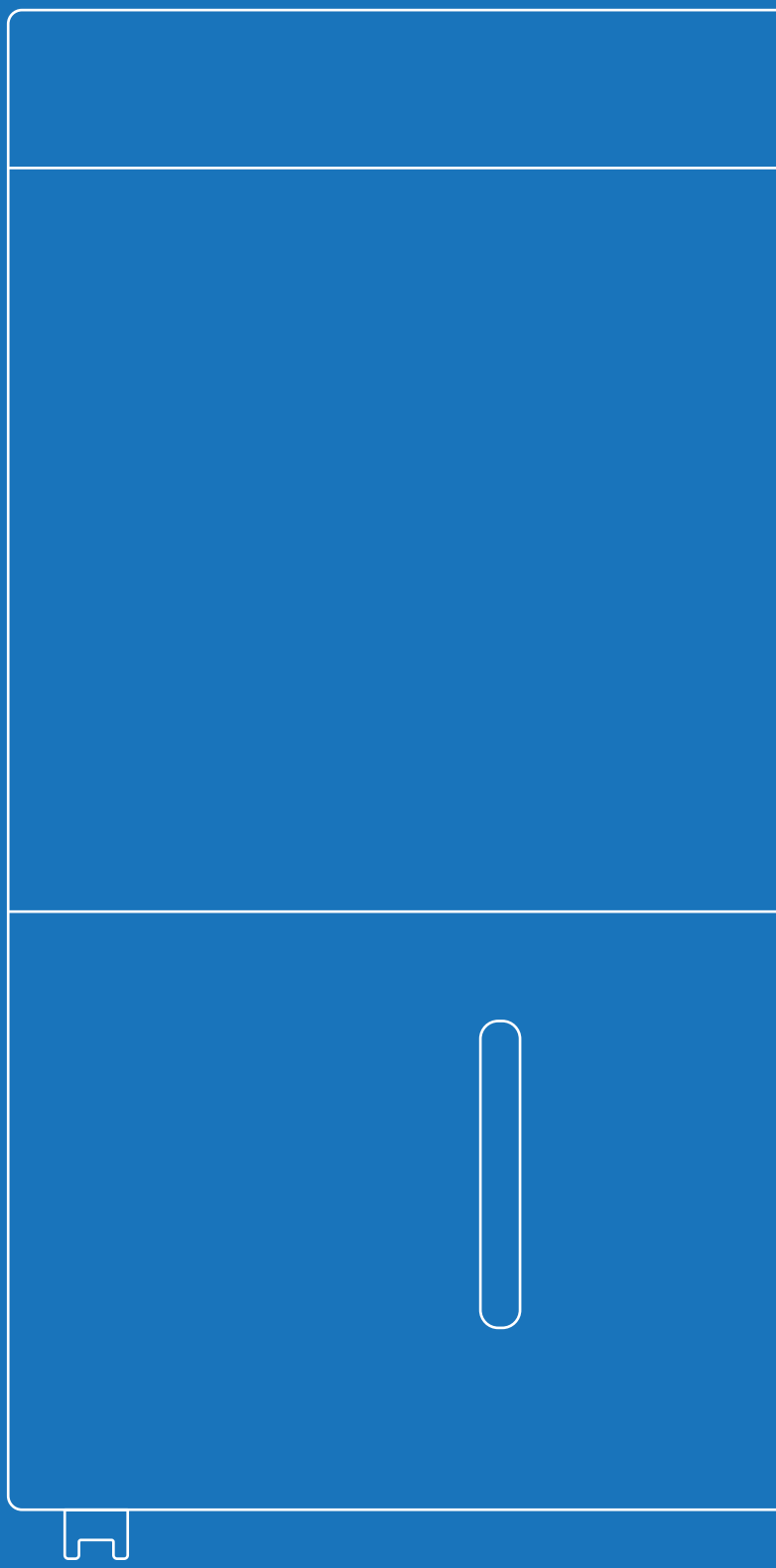
homelabs™

Energy Star Rated Dehumidifier

22 Pint, 50 Pint and 50 Pint with Pump



Model Numbers:
HME1001
HME1003
HME1004

Thank you for purchasing our appliance. Please be sure to read the entirety of this user manual carefully prior to using this appliance. If you have any questions regarding the use of this product, please contact Customer Service at homelabs.com/help or help@homelabs.com

Before First Use

To prevent any internal damage, it is very important to keep the units upright throughout its journey. Please leave it standing upright and outside the box for **24 HOURS** before plugging it in.

In the event this product malfunctions, or you believe it is defective, please contact Customer Service at **homelabs.com/help**, or **help@homelabs.com** and hold onto the defective product (pending further instruction). A defective product should be clearly marked or stored where it cannot be used by mistake. Failure to keep the product in its original quality from the time of receipt may impede hOmeLabs's ability to correct any legitimate problem and may limit the extent to which hOmeLabs may provide recourse.

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Congratulations

on bringing home your new appliance!

Don't forget to register your product at **homelabs.com/reg** for updates, coupons, and other relevant information.

Although greatly appreciated, product registration is not required to activate any warranty.

IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT NOTICE FOR FIRST TIME USE

PLEASE NOTE:
This Dehumidifier defaults to **"Continuous" mode**, disabling use of the **"Left/Right" buttons**. To regain use of the buttons, confirm **"Continuous" mode** is turned off.

TURN ON Dehumidifier ▶ POWER

TURN OFF CONTINUOUS MODE ▶ CONT.

BEGIN USING "LEFT"/"RIGHT" BUTTONS ▶

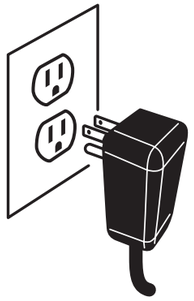
SAVE THESE INSTRUCTIONS

For Household Use Only

To prevent injury to the user or other people and property damage, the following instructions must be followed when using the Dehumidifier. Incorrect operation due to disregard of instructions may cause harm or damage.

1. Do not exceed the rating of the Power Outlet or connection device.
2. Do not operate or turn off the Dehumidifier by plugging in or unplugging the device. Use the Control Panel instead.
3. Do not use if the Power Cord is broken or damaged.
4. Do not modify the Power Cord length or share the outlet with other appliances.
5. Do not touch the Plug with wet hands.
6. Do not install the Dehumidifier in a location that may be exposed to combustible gas.
7. Do not place the Dehumidifier near a heat source.
8. Disconnect the power if strange sounds, smell, or smoke comes from the Dehumidifier.
9. You should never try to modify, take apart, or repair the Dehumidifier by yourself.
10. Make sure to turn off and unplug the Dehumidifier before cleaning.
11. Do not use the Dehumidifier near flammable gas or combustibles, such as gasoline, benzene, thinner, etc. If combustible gas accumulates around the Dehumidifier, it may cause fire.
12. Do not drink or use the water drained from the Dehumidifier.
13. Do not take the Water Bucket out during operation.
14. Do not use the Dehumidifier in small spaces.
15. Do not place the Dehumidifier in places where it may be splashed by water.
16. Place the Dehumidifier on a level, sturdy section of the floor.
17. Do not cover the intake or exhaust openings of the Dehumidifier with cloths or towels.
18. Do not clean the appliance with any chemicals or organic solvent, e.g., Ethyl acetate, gasoline.
19. This appliance is not intended for locations near to flammable or combustible gas.
20. Care should be taken when using the Dehumidifier in a room with the following persons: infants, children and the elderly.
21. For people who are sensitive to humidity, do not set the humidity level too low on the Dehumidifier.
22. Never insert your finger or other foreign objects into grills or openings. Take special care to warn children of these dangers.
23. Do not place a heavy object on the Power Cord and make sure that the cord is not compressed.
24. Do not climb on or sit on the Dehumidifier.
25. Always insert the filters securely. Make sure to clean the filter once every month.
26. If water enters the Dehumidifier, turn the Dehumidifier off and disconnect the power, contact Customer Service in order to avoid a hazard.
27. Do not place flower vases or other water containers on top of the Dehumidifier.

ELECTRICAL INFORMATION

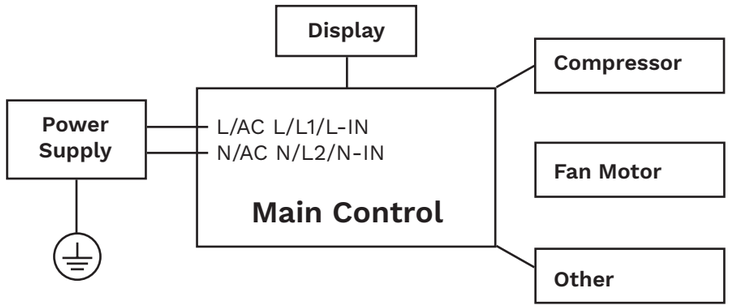


- The hOmeLabs nameplate is located on the rear panel of the Dehumidifier and contains electrical and other technical data specific to this Dehumidifier.
- Be sure the Dehumidifier is properly grounded. To minimize shock and fire hazards, proper grounding is important. This Power Cord is equipped with a three-prong grounding Plug for protection against shock hazards.
- Your Dehumidifier must be used in a properly grounded wall socket. If your wall socket is loose, not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper socket. Ensure socket is accessible and you can easily plug and unplug the unit after installation.
- 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.

ELECTRONIC WORK

WARNING: BEFORE PERFORMING ANY ELECTRICAL OR WIRING WORK, TURN OFF THE MAIN POWER TO THE SYSTEM.

Electronic Type



NOTE: Please strictly follow the wiring label attached to the machine for all wiring connections. The wiring diagram may vary for dierent unit. Please refer to the wiring diagram on the machine you have purchased. The above wiring diagram is a simplified version for preliminary illustration purposes only.

CAUTION

- This Dehumidifier should be used by children 8 years or older and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge with supervision or instruction concerning use of the Dehumidifier. Cleaning and user maintenance shall not be done by children without supervision. Children should not play with or around the unit.
- If the supply cord is damaged, it must be replaced by qualified personnel. Please contact Customer Service to avoid a hazard.
- Prior to cleaning or other maintenance, the Dehumidifier must be disconnected from the outlet.
- If the Dehumidifier is knocked over during use, turn off the Dehumidifier and unplug it from the main power supply immediately. Visually inspect the Dehumidifier to ensure there is no damage. If you suspect the Dehumidifier has been damaged, contact Customer Service for repair or replacement.
- During a thunderstorm, the power must be cut off to avoid damage to the Dehumidifier due to lightning.
- Do not run the cord under carpeting. Do not cover the cord with throw rugs, runners, or similar coverings. Do not route the cord under furniture or appliances. Arrange the cord away from traffic area and where it will not be tripped over.
- To reduce the risk of fire or electric shock, do not use this Dehumidifier with any solid-state speed control device.
- The Dehumidifier shall be installed in accordance with national wiring regulations.
- Contact Customer Service for repair or maintenance of this Dehumidifier.

R32 REFRIGENT SAFETY INSTRUCTIONS

- Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair should only be performed by a licensed and qualified individual, who is authorized to handle flammable refrigerants in accordance with industry standards. All training shall follow the ANNEX HH requirements of UL 60335-2-40 4th Edition.
- Do not modify the length of the Power Cord or use an extension cord to power the unit. Do not share the outlet with other electrical appliances. Improper power supply can cause a fire or an electrical shock.
- Please follow the instruction carefully to handle, install, clear, service the Dehumidifier to avoid any damage, or hazard. Flammable Refrigerant R32 is used within Dehumidifier.
- When maintaining or disposing the Dehumidifier, the refrigerant (R32) shall be recovered properly. Contact your local sanitation department for guidance on disposing of the unit. Do not discharge refrigerant to air directly.
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- The appliance shall be stored in a location that will not be damaged mechanically.
- Refrigerant is flammable. Do not modify the length of the Power Cord or use an extension cord to power the unit. Do not share a single out with other electrical appliances. Improper power supply may generate spark/arcing resulting in the possible ignition of the flammable refrigerants. Please follow the instruction carefully to store or maintain the Dehumidifier to prevent mechanical damage from occurring.
- Do not use any unapproved or unauthorized products or processes to accelerate the defrosting process. Please consult the instruction manual or Customer Support before cleaning.
- Avoid storing the unit near continuously operating ignition sources (for example: open flames, an operating gas appliance) or ignition sources (for example: an operating electric heater).
- Do not pierce or burn.
- Be aware! Refrigerants may not contain an odor. Contact Customer Support immediately if you believe your unit has a refrigerant leak.

CAUTION: Risk of fire/ flammable materials

CAUTION: This symbol shows that the operation manual should be read carefully.

CAUTION: This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.

CAUTION: This symbol shows that information is available such as the operating manual or installation manual.

IMPORTANT NOTE: Read this manual carefully before installing or operating your new air conditioning unit. Keep this manual for future reference.

1. **Transport of Equipment Containing Flammable Refrigerants**
   Check the local transport regulations.

2. **Marking of Equipment Using Signs**
   Check the local regulations.

3. **Disposal of Equipment Using Flammable Refrigerants**
   Check the national regulations.

4. **Storage of Equipment**
   The storage of the appliance should be in accordance with the applicable regulations or instructions, whichever is more stringent.

5. **Storage of Packed (Unsold) Equipment**
   Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge. The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

6. Information on Servicing

1) Checks to the area
   Before working on systems containing flammable refrigerants, it is necessary to ensure that the risk of ignition is minimized. Comply with the following precautions before working on or repairing the refrigerating system.
2) Work procedure
   Work shall be undertaken under a controlled procedure to minimize the risk of a flammable gas or vapor being present while the work is being performed.
3) General work area
   All maintenance staff and other people working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe through control of the flammable material.
4) Checking for the presence of refrigerants
   The area shall be checked with an appropriate refrigerant detector prior to and during work to ensure that the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e., non-sparking, adequately sealed, or intrinsically safe.
5) Presence of a fire extinguisher
   If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be on hand. Be sure to have a dry powder or CO2 fire extinguisher adjacent to the charging area.
6) No ignition sources
   No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or used to contain flammable refrigerant shall use any sources of ignition in such a manner that may lead to the risk of fire or an explosion. All possible ignition sources including cigarette smoking should be kept at a sufficient distance from the site of installation, repair, removal, and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. No Smoking signs shall be displayed.
7) Ventilated area
   Ensure that the area is an open space or that it is adequately ventilated before breaking into the system or conducting any hot work. There should be a degree of continuous ventilation while the work is being carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.
8) Checks to the refrigeration equipment
   Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times, the manufacturer's maintenance and service guidelines shall be followed. When in doubt, consult Customer Service for assistance. The following checks shall be applied to installations using flammable refrigerants:
   The charge size is in accordance with the room size within which the parts containing refrigerants are installed.
   The ventilation machinery and outlets should operate adequately and should not obstructed; if an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerants.
   Any marking to the equipment should continue to be visible and legible. Markings and signs that are illegible shall be corrected.
   Refrigeration pipes or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being corroded.
9) Checks to electrical devices
   Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately, but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment, so all parties are advised. Initial safety checks shall include:
   Ensuring that capacitors are discharged: this shall be done in a safe manner to avoid possible sparking;
   Ensuring that no live electrical components and wiring are exposed while charging, recovering, or purging the system; Ensuring that there is continuity of earth bonding;

7. Sealed electrical components shall be replaced

NOTE:
The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment.
Intrinsically safe components do not have to be isolated prior to working on them.

8. Intrinsically safe components must be replaced

9. Cabling

Check that the cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges, or any other adverse environmental effects. The check shall also consider the effects of aging or continual vibration from sources such as compressors or fan.

10. Detection of Flammable Refrigerants

Under no circumstances shall potential sources of ignition be used in searching for or detecting refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

11. Leak Detection Methods

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants. Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25% maximum) is confirmed. Leak detection fluids are suitable for use with most refrigerants, but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipework. If a leak is suspected, all naked flames shall be removed/extinguished. If a refrigerant leak is found (which requires brazing), all refrigerants shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system that is situated remotely from the leak. Removal of refrigerant shall be according to Removal and evacuation.

12. Removal and Evacuation

When breaking into the refrigerant circuit to make repairs or for any other purpose, conventional procedures shall be used. Considering flammability, follow best practices. Adherence to the following procedures is a must:

- Removing the refrigerant following local and national regulations;
- Purging the circuit with inert gas;
- Evacuation;
- Purging again with inert gas;
- Opening the circuit by cutting or brazing;

The refrigerant charge shall be recovered into the correct recovery cylinders if venting is not allowed by local and national codes. For appliances containing flammable refrigerants, the system shall be purged with oxygen-free nitrogen to render the appliance safe for flammable refrigerants. This process might need to be repeated several times. Compressed air or oxygen shall not be used for purging refrigerant systems. For appliances containing flammable refrigerants, refrigerants purging shall be achieved by breaking the vacuum in the system with oxygen-free nitrogen and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system. When the final oxygen-free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. Ensure that the outlet for the vacuum pump is not close to any potential ignition sources and that ventilation is available.

13. Charging Procedures

In addition to conventional charging procedures, the following requirements shall be followed. Ensure that contamination of different refrigerants does not occur when using the charging equipment. Hoses or lines shall be as short as possible to minimize the amount of refrigerant contained in them.
Cylinders shall be kept in an appropriate position according to the instructions.
Ensure that the refrigeration system is earthed before charging the system with the refrigerant.
Label the system when the charging is complete (in case it has not been labeled yet).
Extreme care shall be taken to avoid overfilling the refrigeration system.
Prior to recharging the system, the pressure test with OFN must first be conducted.
The system leak test shall be performed upon completion of charging, but should be done prior to commissioning. A follow up leak test shall be carried out before leaving the site.

14. Decommissioning

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all necessary details. It is good practice that all refrigerants be recovered safely.
Prior to carrying out this task, an oil and refrigerant sample shall be taken in case analysis is required before reusing the reclaimed refrigerant. It is essential that electrical power is available before this task commences.

- Become familiar with the equipment and its operation.
- Isolate the system electrically.
- Before attempting the procedure, ensure that:
  Mechanical handling equipment is available, if required, for handling refrigerant cylinders; All personal protective equipment is available and being used correctly;
  The recovery process is always supervised by a competent person and recovery equipment and cylinders conform to the required standards.
- Pump down the refrigerant system, if possible.
- If a vacuum is not possible, make a manifold so that refrigerants can be removed from various parts of the system.
- Make sure that the cylinder is situated on the scales before recovery takes place.
- Start the recovery machine and operate in accordance with the manufacturer's instructions.
- Do not overfill the cylinders. (No more than 80% volume liquid charge).
- Do not exceed the maximum working pressure of the cylinder, even temporarily.
- When the cylinders have been filled correctly and the process is completed, make sure that the cylinders and the equipment are removed from the site promptly and all isolation valves on the equipment are closed off.
- Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

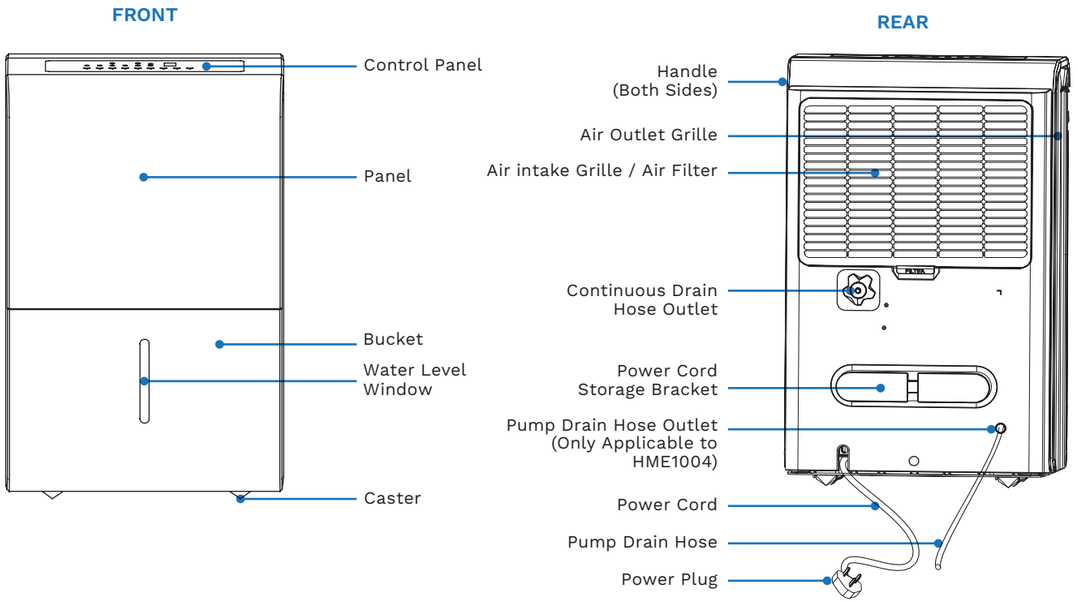
15. Labeling

The unit shall be labeled stating that it has been decommissioned and emptied of the refrigerant.
The label shall be dated and signed. Ensure that there are labels on the unit stating that it contains flammable refrigerants.

16. Recovery

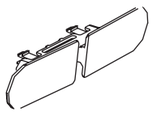
When removing the refrigerant from a system, either for servicing or decommissioning, it is recommended that all refrigerants are removed safely.
When transferring the refrigerant into the cylinders, ensure that only appropriate refrigerant recovery cylinders are used. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labeled for that refrigerant (i.e., special cylinders refrigerant recovery). Cylinders shall be complete with pressure relief valves and associated shut-off valves in good working order. Empty recovery cylinders should be evacuated and, if possible, cooled before the recovery occurs.
The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants. In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained, and that any associated electrical components are sealed to prevent ignition if a refrigerant is released. Consult Customer Service when in doubt.
The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders. If the compressors or the compressor oils are to be removed, ensure that they have been evacuated to an acceptable level so that the flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from the system, it shall be carried out safely.

Parts Description



ACCESSORIES
(Placed in the Bucket of the Dehumidifier)

Pump Drain Hose (1 pc)
(Only for the Dehumidifier with Pump Feature)

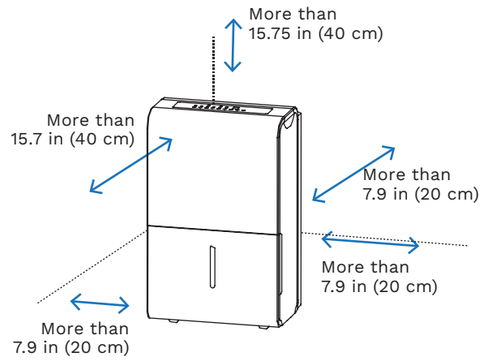


Power Cord Storage Bracket (1 pc)

Operation

PLACEMENT

- This unit may have been tilted or placed upside down during shipping. To ensure this device works properly, allow unit to sit upright for at least 24 hours before initial use.
- This Dehumidifier is designed to operate with a working environment between 41°F (5°C) and 90°F (32°C). Casters (installed at four points on the bottom of the Dehumidifier)
- Do not force Casters to move over carpet, or move the Dehumidifier with water in the Bucket. (The Dehumidifier may tip over and spill water.)

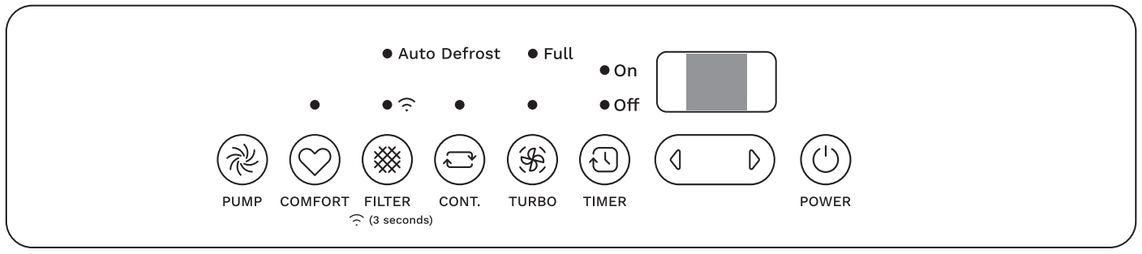


SMART FUNCTIONS

- **Auto Shut Off**
  When the Bucket is full and/or the humidity setting is reached, the Dehumidifier will automatically shut off.
- **Power on Delay**
  To avoid any damage to the Dehumidifier, the Dehumidifier will not start operation following a complete cycle until after three (3) minutes. Operation will automatically start after three (3) minutes.
- **Bucket Full Indicator Light**
  The **Full** indicator glows when the Bucket is ready to be emptied.
- **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-Restart**
  If the Dehumidifier shuts off unexpectedly due to power being cut, the Dehumidifier will restart with the previous function setting automatically when the power resumes.

NOTE:
All the illustrations in the manual are for explanation purpose only. Your Dehumidifier may vary slightly. The design and specifications are subject to change without prior notice for product improvement. Consult Customer Service for details.

CONTROL PANEL



PUMP

"Pump" button (Only applicable to HME1004)
Press to activate the "Pump" operation.

> **NOTE:**
> Before starting Pump, make sure the Pump Drain Hose is attached, the continuous Drain Hose is removed and the plastic cover of the Continuous Drain Hose Outlet is replaced tightly. When the Bucket is full, the Pump starts to work. Refer to the next pages for removing the collected water.

> **NOTE:**
> It needs time before water was pumped at the beginning.

COMFORT

"Comfort" button
Press this button to turn the comfort function "On/Off". Under this mode, the humidity cannot be adjusted manually but will be preset to a recommended comfortable level based on the ambient temperature. The level will be controlledas per below table:

Ambient	<65°F	65–77°F	>77°F
Relative Humidity	55%	50%	45%

> **NOTE:**
> Press ◀ or ▶ button, the "Comfort" mode will be canceled, and the humidity level can be adjusted.

TURBO

"Turbo" button
Controls the fan speed. Press to select either "High" or "Normal" fan speed. Set the fan control to "High" for maximum moisture removal When the humidity has been reduced and quiet operation is preferred, set the fan control to "Normal".

TIMER

"Timer" button
Press to set an "Auto On" or an "Auto Off" timer (0–24 hours) in conjunction with the ◀ and ▶ buttons. The timer runs only one cycle, thus remember to set a timer before next time's use.

- After plugging in the appliance, press "Timer" button, the "Timer Off" indicator will light up, meaning the "Auto Off" timer setting is activated. Use ◀ and ▶ buttons to set the value of time you want to shut down the appliance. The one-off "Auto Off" timer setting is finished.
- Press "Timer" button again, the "Timer On" indicator will light up, meaning the "Auto On" timer setting is activated. Use ◀ and ▶ buttons to set the value of time you want to turn on the appliance next time. The one-off "Auto Off" timer setting is finished.
- To change the timer settings, repeat the above operations.
- Press or hold ◀ and ▶ buttons to change the "Auto Time" 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.
- To cancel a "Timer", adjust the "Timer" value to 0.0. The corresponding timer indicator will light off, meaning the timer is canceled. Another way to cancel a "Timer" is restart the appliance, the one-off timer will also become invalid.
- When the Bucket is full, the screen displays "P2" error code, the appliance will then shut down automatically. Both the "Auto On" / "Auto Off" timer will be canceled.

CONTROL PANEL (CONT.)

CONT.

"Continuous" button
Press to activate the continuous dehumidifying operation. The appliance will work continuously and will not stop except that the Bucket is full. In "Continuous" mode, the ◀ and ▶ buttons are locked.

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).

Error Codes:
AS – Humidity sensor error
ES – Temperature sensor error

Protection Codes:
P2 – Bucket is full or Bucket is not in right position.
Empty the Bucket and replace it in the right position.

Eb – Bucket is removed or not in right position.
Replace the Bucket in the right position.
(Only applicable to the unit with "Pump" feature.)

POWER

"Power" button
Press to turn the Dehumidifier on and off.

FILTER

"Filter" button
"Filter" button and light combine Wi-fi Pairing and Filter Cleaning reminder features. To enter pairing mode, please press the "Filter" button for 3 seconds. Please refer to the Pairing Instructions and APP for more details. Once the product is paired and turned on, the "" (clean filter light) will be on continuously. The "" light will flash after 250 hours of operation. To reset after cleaning the Filter, press the "Filter" button and the "" light will be on continuously if the product turned on.

"Left"/"Right" buttons

> **NOTE:**
> When the Dehumidifier is first turned on, it will go on "Continuous" mode by default. This will disable use of the "Left/Right" buttons. Make sure to turn off "Continuous" mode to regain function in these 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 percent value (%).
  For damper air, press the ▶ button and set a higher percent value (%).

"Timer Set Control" buttons

- Press to initiate the auto start and "Auto Stop" feature, in conjunction with the ◀ and ▶ buttons.

Indicator Lights

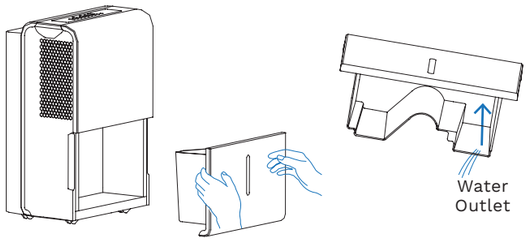
- ON .....
  Timer ON light
- OFF .....
  Timer OFF light
- FULL .....
  The water tank is full and should be emptied
- DEFROST .....
  The appliance is on "Defrost" mode

> **NOTE:** When one of the above malfunctions occurs, turn off the Dehumidifier, and check for any obstructions. Restart the Dehumidifier, if the malfunction is still present, turn off the Dehumidifier and unplug the Power Cord. Contact Customer Service for repair and/or replacement.

REMOVING THE COLLECTED WATER

1. Use the Bucket

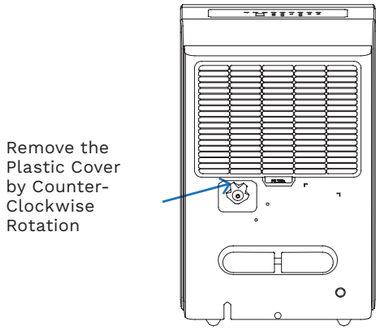
When the Bucket is full, remove the Bucket and empty it.

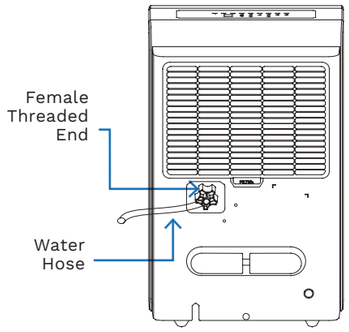


2. Continuous Draining

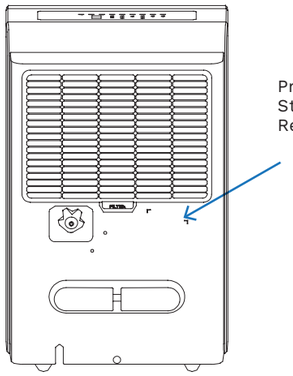
Water can be automatically be emptied into a floor drain by attaching the Dehumidifier to a Water Hose with a female threaded end.

NOTE:
On some models, the female threaded end is not included.





NOTE:
Do not use “Continuous Draining” when the outdoor temperature is equal to or less than 32°F (0°C), otherwise the water will freeze, causing the Water Hose to block up and the Dehumidifier may be damaged.

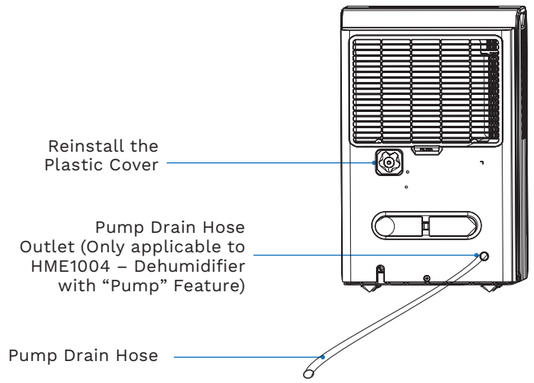


NOTE:
- Make sure the connection is tight and there is no leaking.
- Lead the Water Hose to a floor drain or a suitable drainage facility. If there is no pump, the drainage facility should be lower than the Drain Outlet of the Dehumidifier.
- Be sure to run the Water Hose sloping downward to let the water flow out smoothly.
- When the “Continuous Drain” feature is not being used, remove the Drain Hose from the outlet and replace the plastic cover of the Continuous Drain Hose Outlet tightly.

REMOVING THE COLLECTED WATER (CONT.)

3. Pump Draining (Only applicable to HME1004)

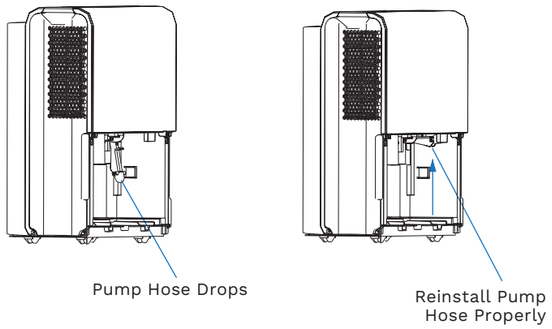
- Remove the Continuous Drain Hose from the unit. Replace the plastic cover of the Continuous Drain Hose Outlet tightly.
- Attach the Pump Drain Hose (Outer diameter: 1/4 in; length: 16.4 ft) to the Pump Drain Hose Outlet. The insert depth should not be less than 0.59 inch. Lead the Drain Hose to the floor drain or a suitable drainage facility.
- If there is a pump, the appliance does not need to be higher than the hose (the pump will push the water instead of relying upon gravity drainage).



- Press “Pump” button to pump the water. When the Bucket is full, the Pump will start to work. It is normal that the Pump makes loud noises at first 3~5 minutes of work.

ELECTRICAL INFORMATION

NOTE:
- Make sure the connection is tight and there is no leaking.
- If the Pump Hose drops when removing the Bucket, you must install the Pump Hose to the unit before replacing the Bucket into the unit.
- The maximum pumping elevation is 16.4 ft (5 m).



NOTE:
Do not use the Pump when the outdoor temperature is equal to or less than 32°F (0°C), otherwise the water will freeze, causing the Water Hose to block up and the Dehumidifier may be damaged.

CARE AND CLEANING OF THE DEHUMIDIFIER

WARNING: Turn the Dehumidifier off and remove the Plug from the wall outlet before cleaning.

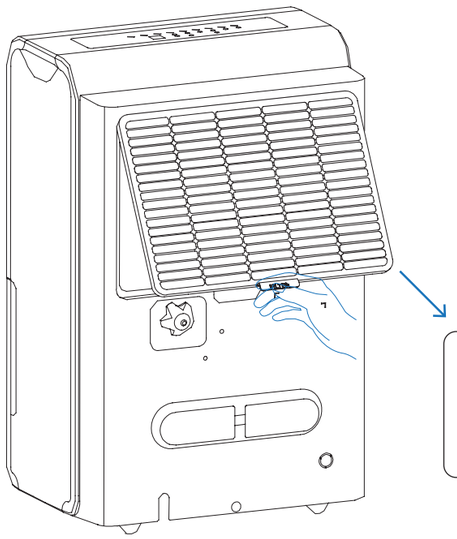
Clean the Dehumidifier with water and mild detergent.
Do not use bleach, cleaning supplies, or other abrasives.

1. **Clean the Grille and Case**
   - Do not splash water directly onto the main unit. Doing so may cause: an electrical shock, the insulation to deteriorate, or the unit to rust.
   - The air intake and outlet grilles get soiled easily. Use a vacuum brush attachment or brush to clean.

2. **Clean the Bucket**
   Clean the Bucket with water and mild detergent every two weeks.

3. **Clean the Air Filter**
   Clean the filter with potable water at least once every 30 days.

4. **Storing the Dehumidifier**
   Store the Dehumidifier when it will not be used for a long time.
   - After turning off the Dehumidifier, wait one day until all water in the internal of the Dehumidifier flows into the Bucket, and then empty the Bucket.
   - Clean the main Dehumidifier, Bucket, and air filter.
   - Wrap the cord and bundle it with the band.
   - Cover the Dehumidifier with a plastic bag.
   - Store the Dehumidifier upright in a dry, well-ventilated area where the temperature is consistently above 40°F.



CAUTION:
Do not operate the Dehumidifier without a filter. Dirt and lint will clog it and reduce performance.

Before contacting Customer Service, reviewing this list can save time. This list includes the most common occurrences that are not the result of defective workmanship or materials in this Dehumidifier.

PROBLEM	CAUSE/SOLUTION
Dehumidifier does not start	• Make sure the Dehumidifier's Plug is inserted completely into the outlet. • Check the house fuse/circuit breaker box. • Dehumidifier has reached its preset level or Bucket is full. • Bucket is not in the proper position.
Dehumidifier does not dry the air as it should	• Make sure 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 level 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 Dehumidifier makes a loud noise when operating	• The air filter is clogged. • The Dehumidifier is tilted instead of upright as it should be. • The floor surface is not level.
Frost appears on the coils	• This is normal. The Dehumidifier has "Auto Defrost" feature.
Water on floor	• The Dehumidifier was placed on uneven floor. • Hose to connector or Hose connection may be loose. • Intend to use the Bucket to collect water, but the back drain plug is removed.
Water does not drain from the Hose	• Hoses more than 5 feet long may not drain properly. It is recommended to keep the hose as short as possible for proper draining. For dehumidifiers without a pump, the Hose must empty water lower than the bottom of the Dehumidifier, and be kept flat and smooth without kinks.
The Pump Indicator blinks. (Only applicable to HME1004)	• The filter is dirty (See > **"Care & Cleaning" Page 16**). • The Pump Drain Hose is not attached to the rear of the Dehumidifier (See > **Page 15**). • The Bucket is not in the right position. Place the Bucket properly. • The Pump Hose has dropped to a lower level. Reinstall the Pump Hose in the proper position (See > **Page 15**). If the error repeats, please call Customer Service.
The Pump operates when it reaches a certain level, but the Bucket still retains ⅔ of the water inside it. (Only applicable to HME1004)	• This is normal. The Bucket will collect water with the Pump Hose in the Bucket. Unlike manually emptying a Bucket fully (on units without a pump), using a pump will leave water in the Bucket. The Pump starts operating when the water reaches a set level. The Pump will then remove collected water, but some water will remain in the Bucket. **NOTE:** The Pump lifetime is also increased when it operates in water. You only need to empty the Bucket manually to clean it or for storage. The Pump Hose Drops must be in water to function.

Please contact Customer Service at homelabs.com/help or help@homelabs.com if Dehumidifier operates abnormally or does not operate, and the solutions above are not useful.

FCC Regulatory Conformance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

WARNING: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF EXPOSURE

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Warranty

hOmeLabs offers a limited one-year warranty ("warranty period") on all of our products purchased new and unused from hOmeLabs Technologies, LLC or an authorized reseller, with an original proof of purchase and where a defect has arisen, wholly or substantially, as a result of faulty manufacture, parts or workmanship during the warranty period. The warranty does not apply where damage is caused by other factors, including without limitation: (a) normal wear and tear; (b) abuse, mishandling, accident, or failure to follow operating instructions; (c) exposure to liquid or infiltration of foreign particles; (d) servicing or modifications of the product other than by hOmeLabs; (e) commercial or non-household use.

The hOmeLabs warranty covers all costs related to restoring the proven defective product through repair or replacement of any defective part and necessary labor so that it conforms to its original specifications. A replacement product may be provided instead of repairing a defective product. hOmeLabs's exclusive obligation under this warranty is limited to such repair or replacement.

A receipt indicating the purchase date is required for any claim, so please keep all receipts in a safe place. We recommend that you register your product on our website, **homelabs.com/reg**. Although greatly appreciated, the product registration is not required to activate any warranty and product registration does not eliminate the need for the original proof of purchase.

The warranty becomes void if attempts at repair are made by non-authorized third parties and/or if spare parts, other than those provided by hOmeLabs, are used.

You may also arrange for service after the warranty expires at an additional cost.

These are our general terms for warranty service, but we always urge our customers to reach out to us with any issue, regardless of warranty terms. If you have an issue with a hOmeLabs product, please contact Customer Service at homelabs.com/help or help@homelabs.com.

This warranty gives you specific legal rights, and you may have other legal rights which vary from state to state, country to country or province to province. The customer may assert any such rights at their sole discretion.

Manufacturing Info

This manual is to be used with all items with the model numbers

HME1001
HME1003
HME1004

WARNING: Keep all plastic bags away from children.

Manufacturer, distributor, importer and seller are not liable for ANY damage caused by improper use, storage, care or failure to follow warnings associated with this product.

Contact Us

CHAT WITH US

homelabs.com/help

EMAIL US

help@homelabs.com

For Household Use Only

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