

Dehumidifier

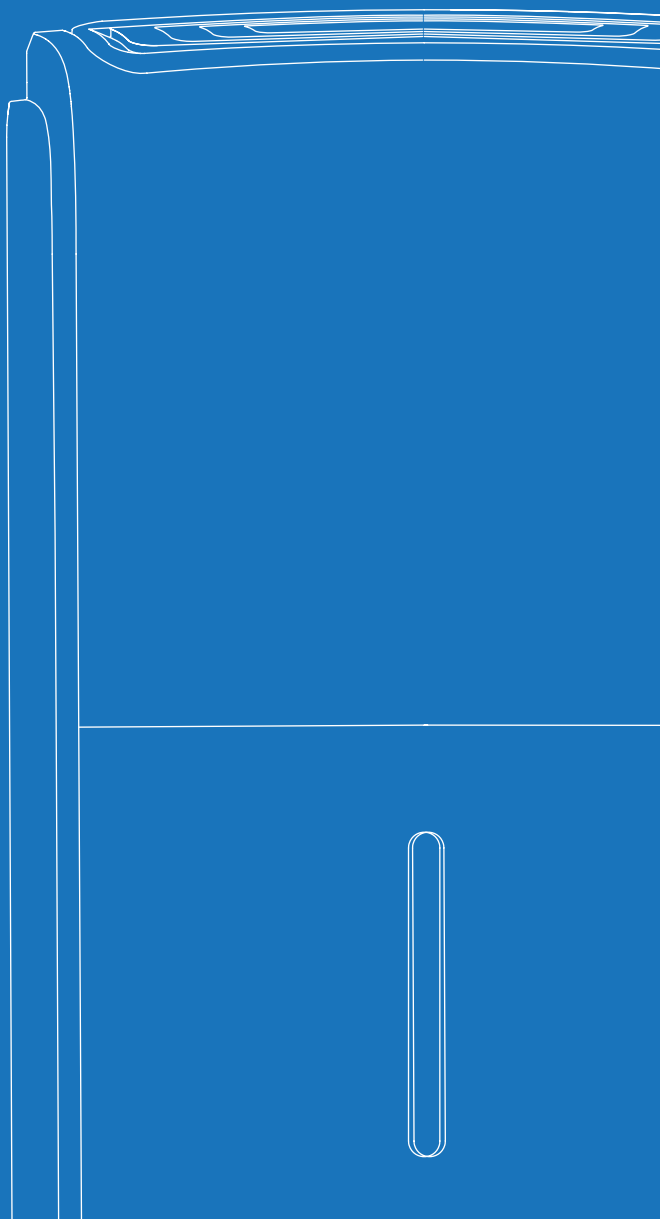
homelabs™

40 Pint and 50 Pint

SKU: HME021005N

SKU: HME021006N

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

- This appliance is for household use only.
- Disconnect the appliance from its power source during service and when replacing parts and cleaning.
- Please note: Check the nameplate for the type of refrigerant gas used in your appliance.
- Specific information regarding appliances with refrigerant gas.
- Do not pierce the cooling circuit of the machine. At the end of its useful life, deliver the appliance to a special waste collection centre for disposal.
- GWP (Global Warming Potential): R410A: 2088, R134a: 1430, R290: 3, R32: 675.
- This hermetically sealed system contains fluoridated greenhouse gases.
- ENVIRONMENTAL INFORMATION: This unit contains fluoridated greenhouse gases covered by the Kyoto Protocol.
- Do not use this unit for functions other than those described in this instruction manual.
- Make sure the plug is plugged firmly and completely into the outlet. Failure to firmly secure the plug in the outlet may result in the risk of electric shock or fire.
- Do not plug other appliances into the same outlet, it can result in the risk of electric shock.
- Do not disassemble or modify the appliance or the power cord, it can result in the risk of electric shock or fire. All other services should be referred to a qualified technician.
- Do not place the power cord or appliance near a heater, radiator, or other heat source. It can result in the risk of electric shock or fire.
- This unit is equipped with a cord that has a earthed wire connected to an earthed pin or grounding tab. The plug must be plugged into a socket that is properly installed and earthed. Do not under any circumstances cut or remove the earthed pin or grounding tab from this plug.
- The unit should be used or store in such a way that it is protected from moisture e.g. condensation, splashed water, etc. Unplug unit immediately if this occurs.
- Always transport your appliance in a vertical position and place on a stable, level surface during use. If the unit is transported laying on its side, stand the unit upright and unplugged for six (6) hours before use.
- Always use the switch on the control panel or remote controller to turn the unit off, and do not start or stop operation by plugging in or unplugging the power cord. It can result in the risk of electric shock.
- Do not touch the buttons on the control panel with wet or damp fingers.
- Do not use hazardous chemicals to clean or come into contact with the unit. To prevent damage to the surface finish, use only a soft cloth to clean the appliance. Do not use wax, thinner, or a strong detergent. Do not use the unit in the presence of inflammable substance or vapour such as alcohol, insecticides, gasoline, etc.
- If the appliance is making unusual sounds or is emitting smoke or an unusual odor, unplug it immediately.
- Do not clean the unit with water. Water can enter the unit and damage the insulation, creating a shock hazard. If water enters the unit, unplug it immediately and contact Customer Service.
- Utilize two or more people to lift and install the unit.
- Always grasp the plug when plugging in or unplugging the appliance. Never unplug by pulling on the cord, it can result in the risk of electrical shock and damage.
- Install the appliance on a sturdy, level floor capable of supporting up to 110 lb (50 kg). Installation on a weak or unlevel floor can result in the risk of property damage and personal injury.

ELECTRICAL CONNECTIONS

Before plugging the appliance into the mains socket, check that:

- The mains power supply corresponds to the value indicated on the rating plate on the back of the appliance.
- The power socket and electrical circuit are adequate for the appliance.
- The mains socket should match the plug on the appliance. If that is not the case, have the socket replaced.
- The mains socket is adequately earthed. Failure to follow these important safety instructions absolves the manufacturer of all liability.

WARNING

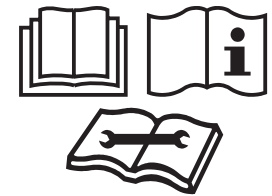
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the SUPPLY CORD is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance should be installed in accordance with national wiring regulations.
- Do not use any means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance should be stored in a room that does not contain continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odour.
- If you suspect a leak or the unit is not performing as expected, immediately stop using the unit and contact Customer Service

WARNING

- The handling, installation, storage, servicing and disposal must comply with the provisions of gas-related national laws and regulations, and also national wiring regulation.
- It is necessary to clear away the refrigerant in the system when maintaining or scrapping an appliance.
- Ventilated area (open doors and Windows)
- Ensure that the working area is open or well ventilated before turning on the system or performing hot work. Ventilation should be maintained during operation. Ventilation quickly displaces safely diluted leaked refrigerant into the atmosphere.
- Flammable refrigerant R32/R290 is used within appliance. Please follow the instructions carefully to handle, install, clean, and service the appliance to avoid damage or hazard. Do not dispose of appliance in regular trash. Contact qualified agency for proper disposal.
- Servicing shall be performed only as recommended by the manufacturer.



CAUTION: Risk of fire/ flammable materials



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

- Only individuals authorized by an accredited organization certifying their competence to handle refrigerants in compliance with industry legislation should work on the refrigerant circuit.
- All working procedure that affects safety means shall only be carried by competent persons.
- Repair must be performed based on the recommendations from the manufacturer. Maintenance and repair that requires the assistance of other qualified personnel must be performed under the supervision of specialists in the use of flammable refrigerants.

SAVE THESE INSTRUCTIONS
For Household Use Only

INFORMATION FOR QUALIFICATION OF WORKERS

All operators or refrigeration system maintenance personnel shall have a valid certificate issued by an industry-recognized evaluation body to certify that they are qualified for the safe disposal of refrigerant agents as recognized by the industry;

- Maintain and repair the equipment only in accordance with the method recommended by the equipment manufacturer. If other professionals are required to assist in the maintenance and repair of equipment, do so under the supervision of personnel qualified to use combustible refrigerants.

Class	Name	Classification of instructions	Personnel Qualification Requirements
A	Professional Maintenance Personnel	Personnel, such as installers and maintenance supervisors, who are required to install, repair, and weld the refrigeration system for flammable refrigerant products.	Hold A class A certificate issued by the competent authority, available online.
B	Regular contacts personnel	1. Personnel who do not need to open the refrigeration system of combustible refrigerant products, such as relevant personnel of transportation enterprises and general maintenance personnel of product after-sales department, etc 2. Installation and maintenance personnel of conventional refrigerant products.	Hold a Class B certificate issued by the competent authority, available online.
C (The enterprise internal)	Develop, design and test personnel	Combustible refrigerant system design personnel, supervision personnel.	1. Master the skills and knowledge of basic safety welding and safety protection level of combustible refrigerant: 2. Familiar with product development process and capable of design: 3. Qualification certification/ recognition shall be conducted by the institution where you work.

- Personnel with class A certificate can carry out the operation of class B personnel;
- Class A and Class B personnel shall be trained and certified by the industry management institution designated by the state;
- C type personnel should participate in the company's internal organization of professional training, obtain internal issued certification or accreditation qualifications.

Tooling names	Use requirement
Small vacuum pump	Explosion-proof vacuum pump: ensure a certain accuracy, vacuum degree should be less than 10 Pa.
Filling equipment	Special explosion-proof charging equipment: with certain accuracy, the charging amount deviation is less than 5 g.
Leak detector	Regular calibration: annual leakage rate is not higher than 10 g.
Concentration detector	A) The maintenance site shall be equipped with A fixed combustible refrigerant concentration detector, which shall be connected to the safety protection alarm system: its error must be guaranteed not to be higher than 5%. B) The installation site shall be equipped with portable combustible refrigerant concentration detector, which can realize two-level acousto-optic alarm: its error must be guaranteed not to be higher than 10%. C) Regular calibration. D) Function check and confirmation shall be carried out before use.
Pressure gauge	A) The pressure gauge shall be calibrated regularly B) R290 and R161 refrigerant can use the pressure gauge of R22, R32 refrigerant can use the pressure gauge of R410A.
Fire extinguisher	Carry a fire extinguisher during installation and maintenance. There should be at least two kinds of dry powder, carbon dioxide and foam extinguishers in the maintenance site, and they should be placed in the prescribed position with eye-catching signs and accessible places.

- The installation site should be in a well-ventilated condition.
- The sites for installing and maintaining an air conditioner using Refrigerant R32 should be free from open fire or welding smoking, drying oven or any other heat source higher than 548°C which easily produces open fire.
- When installing an air conditioner, it is necessary to take appropriate anti-static measures such as wear anti-static clothing and or gloves.
- It is necessary to choose the site convenient for installation or maintenance wherein the air inlets and outlets of the indoor and outdoor units should be not surrounded by obstacles or close to any heat source or combustible and/or explosive environment.
- If the indoor unit suffers refrigerant leak during the installation, all the personnel should go out till the refrigerant leaks completely for 15 minutes. If the product is damaged, it is a must to carry such damaged product back to the maintenance station and it is prohibited to weld the refrigerant pipe or conduct other operations on the user's site.
- It is necessary to choose the place where the inlet and outlet air of the indoor unit is even.
- It is necessary to avoid the places where there are other electrical products, power switch plugs and sockets, kitchen cabinet, bed, sofa and other valuables right under the lines on two sides of the indoor unit, and also prevent mechanical damage from occurring.

1. REPAIRS TO SEALED COMPONENTS

- During repairs to sealed components, all electrical supplies shall be disconnected from the unit being worked on prior to the removal of sealed covers and other parts (if any). If it is necessary to have an electrical supply connected to the unit during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
- Particular attention shall be paid to the following to ensure that when working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to the cables, an excessive number of connections, terminals not made to the original specification, damage to seals, incorrect fitting of glands, etc. Ensure that the unit is mounted securely. Ensure that the seals or sealing materials have not been degraded to a point that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

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.

2. REPAIR TO INTRINSICALLY SAFE COMPONENTS

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use.

Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating. Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

3. CABLING

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

4. DETECTION OF FLAMMABLE REFRIGERANTS

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

5. REMOVAL AND EVACUATION

When breaking into the refrigerant circuit to make repairs – or for any other purpose – conventional procedures shall be used. However, it is important that best practice is followed since flammability is a consideration. The following procedure shall be adhered to: safely remove refrigerant following local and national regulations; purge the circuit with inert gas; evacuate; purge again with inert gas; open the circuit by cutting or brazing.

6. 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 charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.
- Cylinders shall be kept upright.
- Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.
- Label the system when charging is complete (if not already).
- Extreme care shall be taken not to overfill the refrigeration system.

Prior to recharging the system it shall be pressure tested with OFN. The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

7. DECOMMISSIONING

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.

- Become familiar with the equipment and its operation.
- Isolate 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 supervised at all times by a competent person; recovery equipment and cylinders conform to the appropriate standards.
- Pump down refrigerant system, if possible.
- If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- Make sure that cylinder is situated on the scales before recovery takes place.

- Start the recovery machine and operate in accordance with manufacturer's instructions.
- Do not overfill 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 completed, make sure that the cylinders and the equipment are removed from 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.

8. LABELING

Equipment shall be labelled stating that it has been decommissioned and emptied of refrigerant. The label shall be dated and signed.

Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

9. RECOVERY

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely. When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge are available. All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before 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 in the event of a refrigerant release. Consult manufacturer if 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 compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that 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 a system, it shall be carried out safely.

GENERAL INSTRUCTIONS

Checks to the area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

Work procedure

Work shall be undertaken under a controlled procedure so as to minimise the risk of a flammable gas or vapour being present while the work is being performed.

General work area

All maintenance staff and others 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 by control of flammable material.

Checking for presence of refrigerant

The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure 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. nonsparking, adequately sealed or intrinsically safe.

Presence of fire extinguisher

If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO₂ fire extinguisher adjacent to the charging area.

No ignition sources

No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing 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.

Ventilated area

Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

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. If in doubt consult the manufacturer’s technical department 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 refrigerant containing parts are installed; the ventilation machinery and outlets are operating adequately and are not obstructed; if an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant; marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected; refrigeration pipe 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 so corroded.

Checks to electrical devices

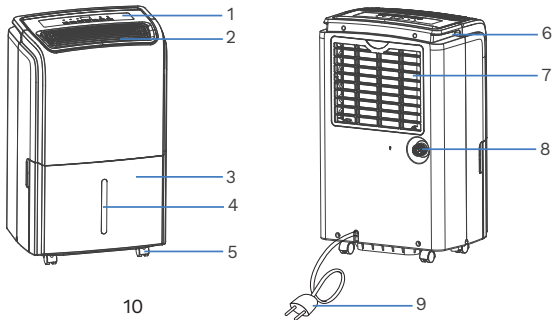
Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected 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: that capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking; that there no live electrical components and wiring are exposed while charging, recovering or purging the system; that there is continuity of earth bonding.

Installation

NOTE: All the illustrations in this manual are for explanatory purposes only.
Your appliance may be slightly different.

COMPONENT DESCRIPTION

- 1. Control Panel
- 2. Air Outlet
- 3. Bucket
- 4. Water Level View Window
- 5. Casters
- 6. Handle
- 7. Air Intake Filter
- 8. Drainage Holes
- 9. Power Cord

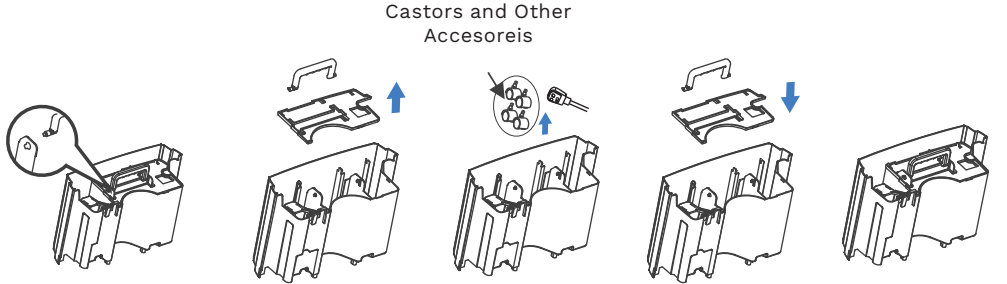


Installation

ACCESSORIES

- NOTE:**
- Some accessory is not in the packing, please find it in the Bucket.
 - Be sure all accessories are removed from the packing and Bucket before use.

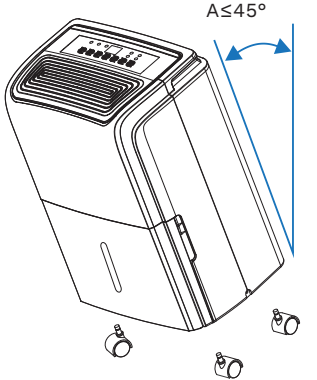
	Casters	4 pcs	The Casters may have been installed on the appliance, if so, there have no Casters in the accessories.
	Pump Drain Connector	1 set	Only supply for pump model.
	Pump Drain Pipe 16.4 ft (5 m)	1 set	



Take out Accessories From Bucket

The accessories are stored in the Bucket during transportation. Before use, remove the accessories from the Bucket.

- Remove the Bucket from the unit.
- Rotate the Handle to the position like below figure and remove the Handle.
- Open the Bucket cover and take out the power plug and other accessories.
- Replace the Bucket cover and Handle, then put back the Bucket into the unit correctly.



Install the Casters

Tilt the unit less than 45° and forcibly insert the Casters. Make sure the plate of the Casters is flush against the bottom of the unit.

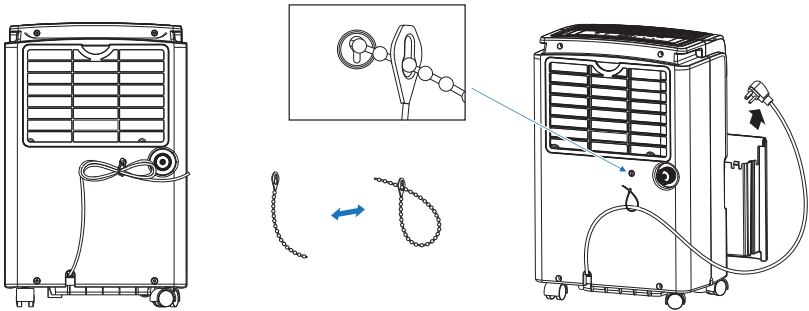
If the Casters have been installed to the appliance, skip this step.

Use the Hooking Strip

When you use Dehumidifier, open the Hooking Strip at the back of the Dehumidifier to tie up the Power Cord.

When you do not use the Dehumidifier, Power Cord can also be tied up by Hooking Strip again and fasten into the hole.

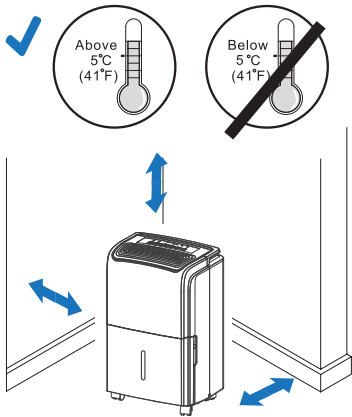
NOTE: Hooking Strip can be used repeatedly. Do not throw it away.



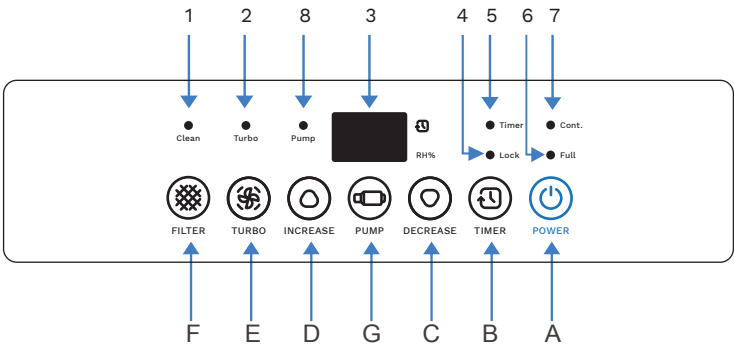
Place the Unit

The unit operating in a basement will have little or no effect in drying out an adjacent enclosed storage area, such as a closet, unless there is adequate circulation of air in and out of this area.

- 1. This appliance is intended for indoor use only. Do not use outdoors.
- 2. Place the appliance on a smooth, level floor surface that is strong enough to support the unit with a full Bucket of water.
- 3. Allow at least 18 inches (46 cm) distance around and above the unit to ensure efficiency.
- 4. Place the appliance in an area where the temperature will not fall below 41°F (5°C).
- 5. Use the Dehumidifier in cooking, laundry, bathing and dishwashing areas that have excessive moisture.
- 6. Place the Dehumidifier away from a clothes dryer.
- 7. Use the Dehumidifier in a basement to help prevent moisture damage.
- 8. The Dehumidifier must be operated in an enclosed area. Close all doors, windows and other outside openings to the room.
- 9. Do not block the air inlet or outlet of the appliance. Reduced air flow will result in poor performance and could damage the unit.



CONTROL PANEL



- | | |
|---------------------------|------------------------|
| 1. Clean Filter Indicator | A. On/Off Button |
| 2. Turbo Indicator | B. Timer Button |
| 3. Display Screen | C. Decrease Button |
| 4. Lock Indicator | D. Increase Button |
| 5. Timer Indicator | E. Fan Speed Button |
| 6. Full Bucket Indicator | F. Filter Reset Button |
| 7. Continuous Indicator | G. Pump Button |
| 8. Pump Indicator | |

Power On

Insert the plug in the socket, the unit goes to stand-by, and the screen display as the fig shown:

“On/Off” button

Press this button to turn on or shut down the unit.

“Decrease / Increase” button

- Press “Increase / Decrease” button to select the indoor humidity level you expect to achieve. You can also use the two button to set a timer.
- The humidity adjustable range is 35–80% RH. The screen will display the setting humidity and turn to display the ambient humidity after a few seconds.
- If the ambient humidity is lower than setting humidity, the compressor will stop running. After a few minutes, the fan will stop running.
- Press the “Decrease” button until “00” is displayed on the screen. The “Cont.” will light up, then the unit will run continuously.

“Turbo” button

Press the “Turbo” button to select the high speed or low speed of fan. When high speed is selected, the “Turbo” indicator will light up.

“Timer” button

This timer can be used to delay the appliance start-up or shutdown, this avoids wasting electricity by optimizing operating periods.

• Programming start-up

- 1. Turn on the appliance, choose the mode you want, for example Dehumidify mode, high fan speed. Turn off the appliance.
- 2. Press the “Timer” button, the screen starts to flash, press the "Up/Down" button to adjust the set time from 0.5–24 hours.
- 3. In 5 seconds if there is no operation, the timer will be activated. The “Timer” indicator lights up.
- 4. To cancel the timer, press the “Timer” button again. When canceled, the “Timer” indicator will light off.

• Programming shut down

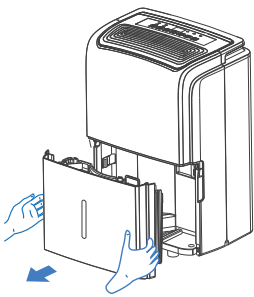
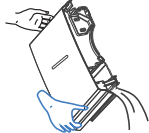
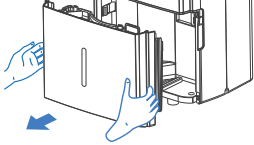
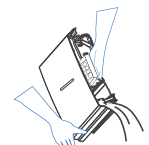
- 1. When the appliance is running, press the “Timer” button. The screen starts to flash.
- 2. Press the “Up/Down” button to adjust the set time from 0.5–24 hours.
- 3. In 5 seconds if there is no operation, the timer will be activated. The “Timer” indicator lights up.
- 4. To cancel the timer, press the “Timer” button again. When canceled, the “Timer” indicator will light off.

Child-Lock

- Lock the Control Panel to prevent someone from changing the settings accidentally.
- To lock the Control Panel, press and hold the “Timer” button for 3 seconds. When finished, the “Lock” indicator will light up.
- To unlock the Control Panel, press and hold the “Timer” button for 3 seconds.

Alarm of Full Bucket

- When the Bucket is full, the compressor will shut off, and the fan will stop after a few minutes. The unit will beep and the “Full Bucket” indicator starts flashing.
- The Bucket should be cleaned every week to prevent the growth of mould, mildew and bacteria. Use a mild detergent to clean the Bucket.
- Dry the Bucket completely and place it back inside unit.

		The Bucket without Handle	
		The Bucket with Handle	

CAUTION:

Do not place the Bucket on the floor when it is full as the bottom of the Bucket is uneven and may spill water.

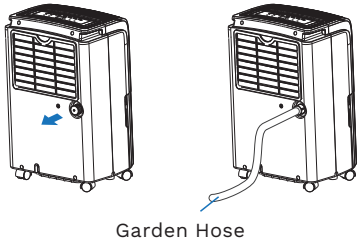
NOTE:

- Hold the Bucket with both hands when emptying the Bucket.
- The unit will not run again until the Bucket is emptied and properly placed back inside the unit.
- When the Bucket is full or removed from the unit, the compressor will turn off but the fan will continue to run for a few minutes. This is completely normal. The unit will not be removing moisture from the air at this time.
- During operation, it is normal for the unit to exhaust warm air from the top of the unit.

Continuous Drain

Connect the Drain Pipe on the back of unit, the unit can continuous run without cleaning the Bucket.

- 1. Put the unit on level floor, unscrew the cap on the back of unit.
- 2. Install the Drain Connector and the gasket.
- 3. Install the Garden Hose (which has an outer diameter of 1.0625 inches and a pitch of 11.5 TPI) to the unit. Make sure the connection is tight and there is no leaking.
- 4. Press “Power” button to run the unit.

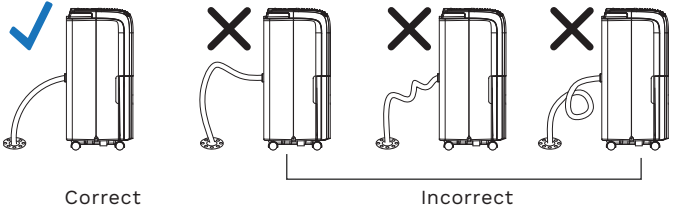


NOTE:

- If Continuous Drain function will not be used, install the cap on the Drain Hole on the back of the unit, then the water will flow into the Bucket.
- If the Drain Pipe is installed incorrectly, the water cannot drain from the pipe.

NOTE:

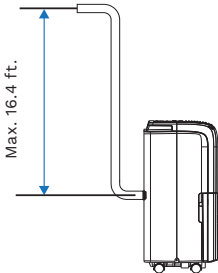
- Make sure the unit is put on level ground and the Drain Pipe is installed correctly, otherwise the Bucket will be full of water, and the unit stop run.
- Make sure the Bucket is installed correctly.



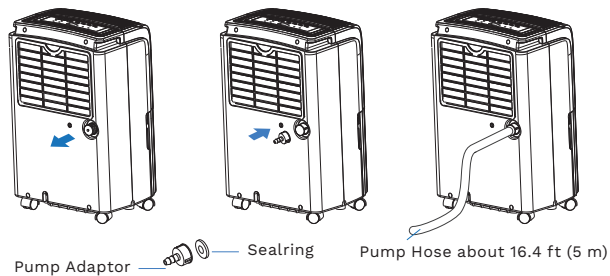
Pump Drain

The max height of Pump Drainage is about 16.4 ft (5 m) Take below steps to start the Pump Drain.

- 1. Connect the Pump 16.4 ft (5 m) Drain Pipe to the back of the unit.
- 2. Put the unit on level floor. Unscrew the cap on the back of the unit.
- 3. Install the Pump Adapter and the gasket.
- 4. Install the Drain Pipe to the Drain Connector.
- 5. Press the “Power” button to run the unit, and then press the “Pump” button to start the Pump Drain function. The “Pump” indicator will light up.



Operating Instructions



- NOTE:**
- After the Pump is activated, water will not run out of the Drain Hose right away as there is a small, internal tank which must be filled first.
 - Make sure there are no kinks or knots in the Drain Hose.

AUTOMATIC DEFROST

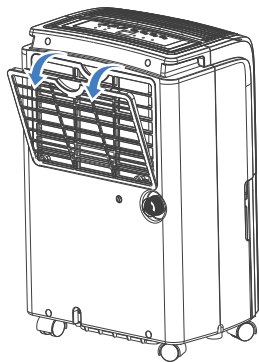
When frost builds up on the evaporator coils, the compressor will cycle off and the fan will continue to run until the frost disappears. When the coils are completely defrosted, the compressor or fan (depending on the model) will automatically restart. The unit start to dehumidify the room.

Cleaning and Maintenance

- Before any cleaning or maintenance, turn off the appliance and unplug it from the wall socket.
- Wipe the cabinet of the unit with a slightly damp cloth and then dry it naturally or wipe it dry.
 - Never wash the unit with water, it could be dangerous.
 - Never use petrol, alcohol or solvents to clean the unit.
 - Never spray insecticide liquids or similar to the unit.
 - Clean the Bucket with water every two weeks.

CLEANING THE FILTER

- To keep your appliance working efficiently, clean the filter every week of operation.
- When the filter needs to be cleaned, the Clean indicator will light up (after 250 hours of use). Remove the filter from the back of the unit.
- Remove the filter refer to below picture.
- Use a vacuum cleaner to remove dust from the filter. If the filter is very dirty, immerse it in warm water and rinse it a number of times. The water temperature should not be higher than 104°F (40°C). After washing, leave the filter to dry.
- Once the filter dries completely, place the filter back in the unit and press the “Filter” button to reset the Clean indicator.



- CAUTION:**
- Do not operate the appliance without the filter in place.
 - When removing or re-installing the filter, be careful to avoid possible cuts, and do not contact the metal parts of the appliance, which will result in personal injury.

Cleaning and Maintenance

END OF SEASON OPERATIONS

- Unplug the unit from the outlet, empty the Bucket and remove the drain cap.
- Run off all water left inside the appliance. When all the water has been drained, put the cap back in place.
- Clean the filter and dry it thoroughly before putting back.
- Cover the appliance to avoid dust accumulation.
- Store the appliance upright in a dry location.

START OF SEASON CHECKS

Make sure the power cable and plug are undamaged and the earth system is efficient. Follow the installation instructions precisely.

Troubleshooting

Occasionally, you may encounter some problems that are of a minor nature and a service call may not be necessary. Use this troubleshooting guide to identify possible problems you may be experiencing.

Problem	Possible Causes	Solutions
Dehumidifier does not start.	The Dehumidifier is unplugged.	Make sure the Dehumidifier’s plug is pushed completely into the outlet.
	The fuse is blown/circuit breaker is tripped.	Check the house fuse/circuit breaker box and replace the fuse or reset the circuit breaker.
	Dehumidifier has reached its present level or the Bucket is full.	Change to a lower setting; Empty the water Bucket and replace it properly.
	Bucket is not in the proper position.	The Bucket must be in place and securely seated for the Dehumidifier to operate.
	Power failure.	There is a protective time delay (up to 3 min.) to prevent the compressor from overloading. For this reason, the unit may not start work immediately, but delay 3 min when power is resumed.
Dehumidifier does not dry the air as it should.	Not enough time allowed for unit to remove moisture.	When first installed, allow at least 24 hours to maintain the desired dryness.
	Airflow is restricted.	Make sure there are no curtains, blinds or furniture block the front or back of the Dehumidifier.
	Dirty filter.	Clean the filter.
	The Humidity Control may not be set low enough.	For drier air, press the “Decrease” button to lower the percent humidity desired in the room, or set the Dehumidifier to “CO” for maximum dehumidifying.
	Doors and windows may not be closed tightly.	Check that all doors, windows, and other openings are securely closed.
	Clothes dryer may be blowing moist air into the room.	Install the Dehumidifier away from the dryer. The dryer should be vented outside.
	Room temperature is too low.	Moisture removal is best at higher room temperatures. Lower room temperatures will reduce the moisture removal rate. This model is designed to operate at temperatures above 41°F (5°C).

Troubleshooting

Dehumidifier runs too long.	The area is too large.	The capacity of the appliance can not meet the area of the room.
	Doors and windows are open.	Close the door and window.
Frost appears on heat-exchanger.	The Dehumidifier run recently or the room temperature is too low.	It is normal, frost usually disappear in 60 min.
Fan noise	The air is passing through the appliance.	This is normal.
Water on the floor	The Drain Connection may be aging or loose.	Check and replace the Drain Connection parts. And check if the Drain Connection and the appliance is placed level.
	The Drain Pipe is connected, but the water is not drained.	If use the Bucket, remove the Drain Pipe and put back the Drain Cover; or install the Drain Pipe correctly.

If the following error code appears, contact the after-sales service department for inspection and repair.

Code	Description	Possible Causes	Solutions
EH	Humidity sensor failure	Humidity sensor is damaged.	Contact Customer Service center.
E1	Temperature sensor failure	Temperature sensor is damaged.	Contact Customer Service center.
E2			
E3	Gas leakage	Ambient temperature is too high.	Move the appliance to cooler place.
		E3 appears many times.	Contact Customer Service center.
P1	Bucket pull out	The Bucket isn't in proper position.	Re-install the Bucket and place it in proper position.
E5	Pump failure	Didn't install the Pump Drainage kit before starting pump function.	Install the Pump Drainage kit before starting pump function
		Users use non-standard drainage pipes.	Use the original pipe.
		The Drain Cover is not tightened.	Tighten the cover.
		The rubber washer is missing.	Re-install the washer in cover.
		Poor connection between Drain Pipe and Drain Cover.	Check the connection of pipe and Drain Cover.
		Drain Hose is blocked or longer than 16.4 ft (5 m).	Plug off and clean the Drain Hose or replace with a new one. Follow Pump Drain section to lower the Drain Hose.

NOTE:

- If “E3” appears, check weather the ambient temperature range is below 89.6°F. If the ambient temperature is over 89.6°F, place the unit into the place below 89.6°F for two hours before running the Dehumidifier again.
- Start the unit, if the “E3” appears again in 2 hours, contact the service center.

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 one-year warranty period. The warranty does not apply where damage is caused by other factors, including but without limitation to: (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 number

HME021006N

HME021005N

SKU: HME021006N HME021005N

Rated voltage/Frequency: 115 V~, 60 Hz; Operating condition: 41–90°F / 30–90% RH

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.

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