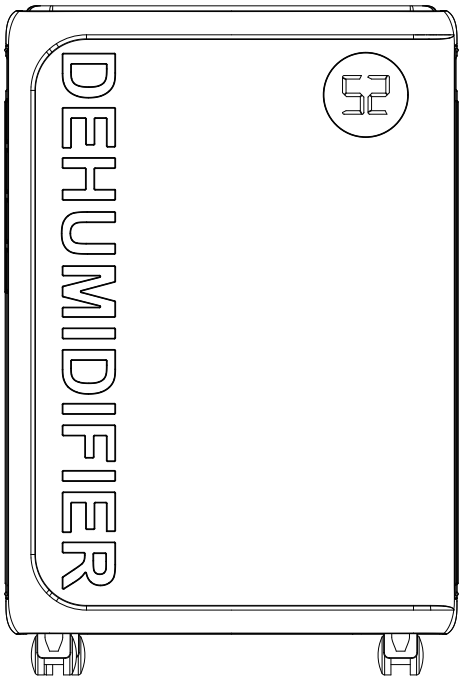
User Manual

Home Dehumidifier



Model **PD10**

Use & Care Guide

Please read the manual carefully before using

Questions or Concerns?

support@moistdrop.com

PLEASE DO NOT RETURN THIS ITEM TO PLACE OF PURCHASE

Need replacement? Return? Missing parts?
Please contact us, we promise to make things right!

✉ support@moistdrop.com

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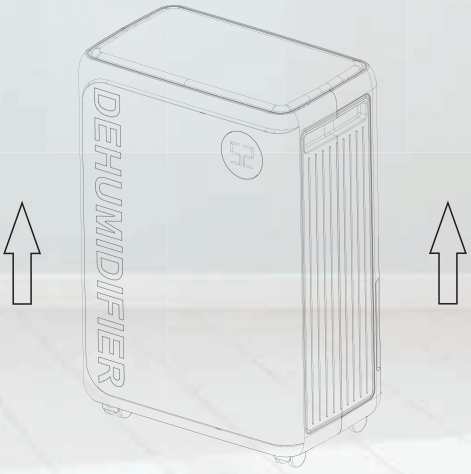
BEFORE FIRST USE

To prevent any internal damage,

it is very important to keep refrigeration units (like this one) upright throughout their journey.

Please leave it standing **UPRIGHT** and outside the box for **24 HOURS** before plugging it in



WARNING FOR R290

Warning for Using R290 Refrigerant:

Transportation, marking and storage for units that employ flammable refrigerants

1.General

The following information is provided for units that employ flammable refrigerants.

2.Transport of equipment containing flammable refrigerants

Attention is drawn to the fact that additional transportation regulations may exist with respect to equipment containing flammable gas. The maximum number of pieces of equipment or the configuration of the equipment permitted to be transported together will be determined by the applicable transport regulations.

3.Marking of equipment using signs

Signs for similar appliances used in a work area are generally addressed by local regulations and give the minimum requirements for the provision of safety and/or health signs for a work location.

All required signs are to be maintained and employers should ensure that employees receive suitable and sufficient instruction and training on the meaning of appropriate safety signs and the actions that need to be taken in connection with these signs.

The effectiveness of signs should not be diminished by too many signs being placed together.

Any pictograms used should be as simple as possible and contain only essential details.

4.Disposal of equipment using flammable refrigerants

See national regulations.

5.Storage of equipment/appliances

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

6.Storage of packed (unsold) equipment

Storage package protection should be constructed in such a way that mechanical damage to theequipment 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.

VERY IMPORTANT !

Please do not install or use your equipment before you have carefully read this manual. Please keep this instruction manual for an eventual product warranty and for future reference.

Requirements for operation,service and installation manuals of appliances using flammable refrigerants

Warning

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

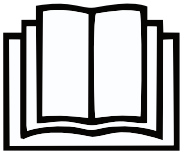
The appliance shall be stored in a room without continuously operating ignition sources for example:

open flames, an operating gas appliance or an operating electric heater.

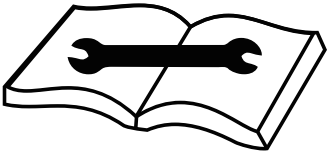
Do not pierce or burn.

Be aware that refrigerants may not contain an odour.

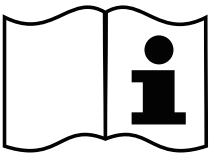
Appliance filled with flammable mag as R290.



Before use the appliance, read the owner's manual first.



Before repair the appliance, read the service manual first.



Before install the appliance, read the installation mnual first.

Qualification of workers

The manual shall contain specific information about the required qualification of the working personnel for maintenance, service and repair operations. Every working procedure that affects safety means shall only be carried out by competent persons. Examples for such working procedures are:

• breaking into the refrigerating circuit;

• opening of sealed components;

• opening of ventilated enclosures.

Competence of service personnel

1.General

Information of procedures additional to usual information for refrigerating appliance installation, repair,maintenance and decommission procedures is required when an appliance with flammable refrigerant is affected.

The training of these procedures is carried out by national training organisations or manufacturers that are accredited to teach the relevant national competency standards that may be set in legislation.

The achieved competence should be documented by a certificate.

2.Information and trainin

2.1) The training should include the substance of the following:

2.2) Information about the explosion potential of flammable refrigerantsto show that flammables may be dangerous when handled without care.

2.3) Information about potential ignition sources, especially those that are not obvious such as lighters, light switches, vacuum cleaners, electric heaters.

2.4) Information about the different safety concepts:

Unventilated-Safety of the appliance does not depend on ventilation of the housing. Switching off the appliance or opening of the housing has no significant effect on the safety. Nevertheless, it is possible that leaking refrigerant may accumulate inside the enclosure and flammable atmosphere will be released when the enclosure is opened.Ventilated enclosure-Safety of the appliance depends on ventilation of the housing.Switching off the appliance or opening of the enclosure has a significant effect on the safety. Care should be taken to ensure sufficient ventilation before.
Ventilated room -Safety of the appliance depends on the ventilation of the room. Switching off the appliance or opening of the housing has no significant effect on the safety. The ventilation of the room shall not be switched off during repair procedures.

2.5) Information about refrigerant detectors:

• Principle of function, including influences on the operation.

• Procedures, how to repair, check or replace a refrigerant detector or parts of it in a safe way.

• Procedures, how to disable a refrigerant detector in case of repair work on the refrigerant carrying parts.

2.6) Information about the concept of sealed components and sealed enclosures --- according to IEC60079-15:2010.

2.7) Information about the correct working procedures:

a) Commissioning

• Ensure that the floor area is sufficient for the refrigerant charge or that the ventilation duct is assembled in a correct manner.

• Connect the pipes and carry out a leak test before charging with refrigerant.

• Check safety equipment before putting into service.

b) Maintenance

• Portable equipment shall be repaired outside or in a workshop specially equipped for servicing units with flammable refrigerants.
• Ensure sufficient ventilation at the repair place.
• Be aware that malfunction of the equipment may be caused by refrigerant loss and a refrigerant leak is possible.
• Discharge capacitors in a way that won't cause any spark. The standard procedure to short circuit the capacitor terminals usually creates sparks.
• Reassemble sealed enclosures accurately. If seals are worn, replace them.
• Check safety equipment before putting into service.

c) Repair

• Portable equipment shall be repaired outside or in a workshop specially equipped for servicing units with flammable refrigerants.
• Ensure sufficient ventilation at the repair place.
• Be aware that malfunction of the equipment may be caused by refrigerant loss and a refrigerant leak is possible.
• Discharge capacitors in a way that won't cause any spark.
• When brazing is required, the following procedures shall be carried out in the right order:

Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.

- Evacuate the refrigerant circuit.
- Purge the refrigerant circuit with nitrogen for 5 min (not required for A3L refrigerants).
- Evacuate again (not required for A3L refrigerants).
- Remove parts to be replaced by cutting, not by flame.
- Purge the braze point with nitrogen during the brazing procedure.
- Carry out a leak test before charging with refrigerant.

• Reassemble sealed enclosures accurately. If seals are worn, replace them.
• Check safety equipment before putting into service.

d) Decommissioning

• If the safety is affected when the equipment is putted out of service, the refrigerant charge shall be removed before decommissioning.
• Ensure sufficient ventilation at the equipment location.
• Be aware that malfunction of the equipment may be caused by refrigerant loss and a refrigerant leak is possible.
• Discharge capacitors in a way that won't cause any spark.
• Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt,one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
• When flammable refrigerants except A3L refrigerants are used.
- Evacuate the refrigerant circuit.
- Purge the refrigerant circuit with nitrogen for 5 min.
- Evacuate again.
- Fill with nitrogen up to atmospheric pressure.
- Put a label on the equipment that the refrigerant is removed.

e) Disposal

• Ensure sufficient ventilation at the working place.
• Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt,one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
• When flammable refrigerants are used.
- evacuate the refrigerant circuit.
- purge the refrigerant circuit with oxygen free nitrogen.
- evacuate again. (not required for A3L refrigerants); and cut out the compressor and drain the oil.

Information on servicing

1.General

The manual shall contain specific information for service personnel according.

2.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.

3.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.

4.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.

5.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 toxic or flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with all applicable refrigerants, i. e. non-sparking, adequately sealed or intrinsically safe.

6.Presence of fire extinguisher

If any hot work is to be conducted on the refrigerating 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.

7.No ignition sources

No person carrying out work in relation to a refrigerating system which involves exposing any pipe work 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 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.

8.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.

9.Checks to the refrigerating 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 t echnical department for assistance.

The following checks shall be applied to installations using

FLAMMABLE REFRIGERANTS:

- the actual refrigerant charge 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;

- refrigerating 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.

10.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.

11.Repairs to sealed components

1) During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment 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.
2) Sealed electrical components shall be replaced.

12.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 must be replaced.
Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

13.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.

14.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.

The following leak detection methods are deemed acceptable for all refrigerant systems.Electronic leak detectors may be used to detect refrigerant leaks but, in the case of flammable refrigerants , the sensitivity may not be adequate, or may need recalibration. (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 also 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 pipe-work.

NOTE Examples of leak detection fluids are:

- bubble method.
- fluorescent method agents.

If a leak is suspected, all naked flames shall be removed/extinguished.

If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Removal of refrigerant shall be according to Removal and evacuation.

15.Removal and evacuation

When breaking into the refrigerant circuit to make repairs -or for any other purpose- conventional procedures shall be used. However, for flammable refrigerants it is important that best practice be 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(optional for A3);
- evacuate(optional for A3);
- continuously flush or purge with inert gas when using flame to open circuit ; and open the circuit .

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 (optional for A3). This process shall be repeated until no refrigerant is within the system (optional for A3). When the final oxygen-free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.
The outlet for the vacuum pump shall not be close to any potential ignition sources, andventilation shall be available.

16.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 in an appropriate position according to the instructions.
• Ensure that the refrigerating 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 refrigerating system.
Prior to recharging the system, it shall be pressure-tested with the appropriate purging gas. 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.

17.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 recovered refrigerant. It is essential that electrical power is available before the task is commenced.

a) Become familiar with the equipment and its operation.
b) Isolate system electrically.
c) 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.
d) Pump down refrigerant system, if possible.
e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
f) Make sure that cylinder is situated on the scales before recovery takes place.
g) Start the recovery machine and operate in accordance with instructions.
h) Do not overfill cylinders (no more than 80 % volume liquid charge).
i) Do not exceed the maximum working pressure of the cylinder, even temporarily.
j) 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.
k) Recovered refrigerant shall not be charged into another refrigerating system unless it has been cleaned and checked.

18.Labelling

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. For appliances containing flammable refrigerants, ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

19.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 is 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 the flammable refrigerant. If in doubt, the manufacturer should be consulted. 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.The recovered refrigerant shall be processed according to local legislation 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 compressor body shall not be heated by an open flame or other ignition sources to accelerate this process. When oil is drained from a system, it shall be carried out safely.

- Before cleaning the dehumidifier, please turn off the machine and unplug it from the power source.
- Please do not place the machine near heat or flammable goods.
- Do not put any sticks or your fingers into the air inlet or outlet.
- Please always place the machine on a flat ground, rather than uneven or slopping ones.
- Do not spray water, insecticides or flammable liquids on the machine.
- Please do not place the machine in a confined or narrow space.
- In Dry Mode, please keep the clothes at least 15.7 inches away from the air outlet to prevent the water entering the machine to cause damages.
- Please make sure the machine power wiring is installed in accordance with national wiring rules. The power cord should be connected to a reliable external naught wire.
- The specification of the fuse: 3.15A.
- Please use this dehumidifier in an environment with the temperature range between 41°F/5°Cand 95°F/35°C.
- 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.
- 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.

SAFETY PRECAUTIONS

Safety notes:

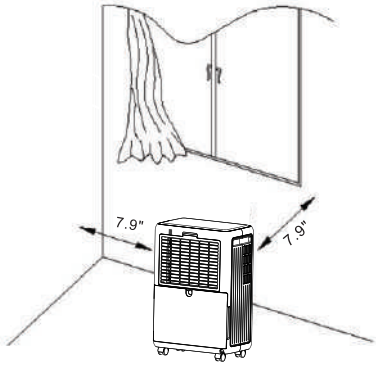
➢ Thank you very much for choosing us, wish our dehumidifiers could help to guarantee the health of your whole family.

➢ To operate the dehumidifier better and achieve the best effect, please read the manual carefully before first use and keep it for future reference.

➢ Please check if there is any damage around the machine, if the machine is damaged, please contact the customer service immediately.

IMPORTANT NOTICE FOR FIRST TIME USE:

- Before cleaning the dehumidifier, turn off the power and unplug it from the power outlet.
- Please do not place the machine near heat or flammable dangerous goods.
- Do not insert your fingers or sticks into the air inlet or outlet.
- Always keep the machine on even surfaces, avoid placing the machine on uneven or sloping ground.
- Do not spray water, insecticides, or flammable liquids on the unit.
- This machine should not be placed in a confined and narrow space.
- 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.
- When using the dry clothes function, the clothes should be kept at least 15.7inches away from the air outlet to prevent water from entering the machine and damaging the machine.
- The machine power wiring must be in accordance with national wiring rules, and the power line should be connected to the reliable external naught wire.
- The fixed wiring of the machine connection must be equipped with an all-pole disconnect device (air switch) with at least 0.118 inches contact opening distance.
- Model specification of safety tube:3.15A/250VAC
- This dehumidifier is designed to operate with a working environment between 41 ℉(5 ℃) and 95 ℉(35 ℃) .
- When using the dehumidifier, other objects surrounding the machine at least need to keep a distance of 7.9inches (20cm). As the pictures show:



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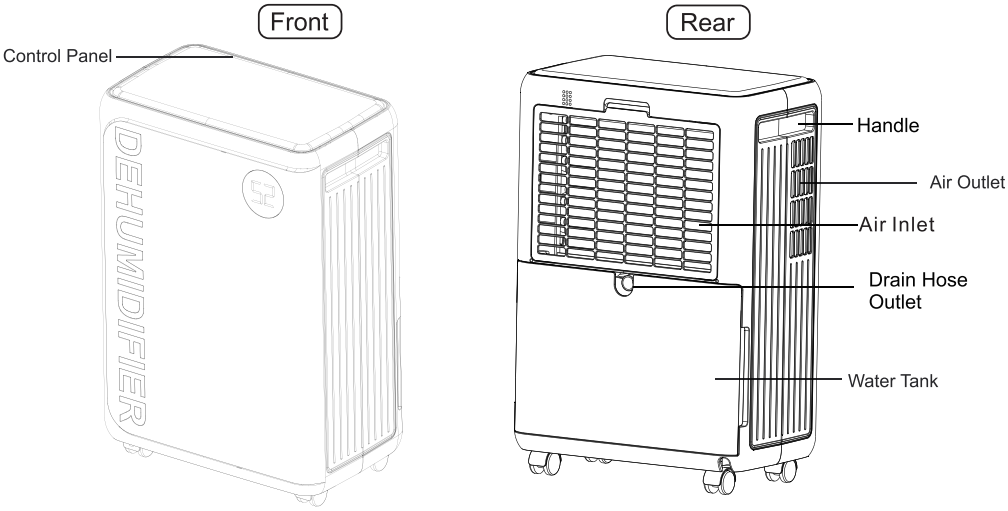
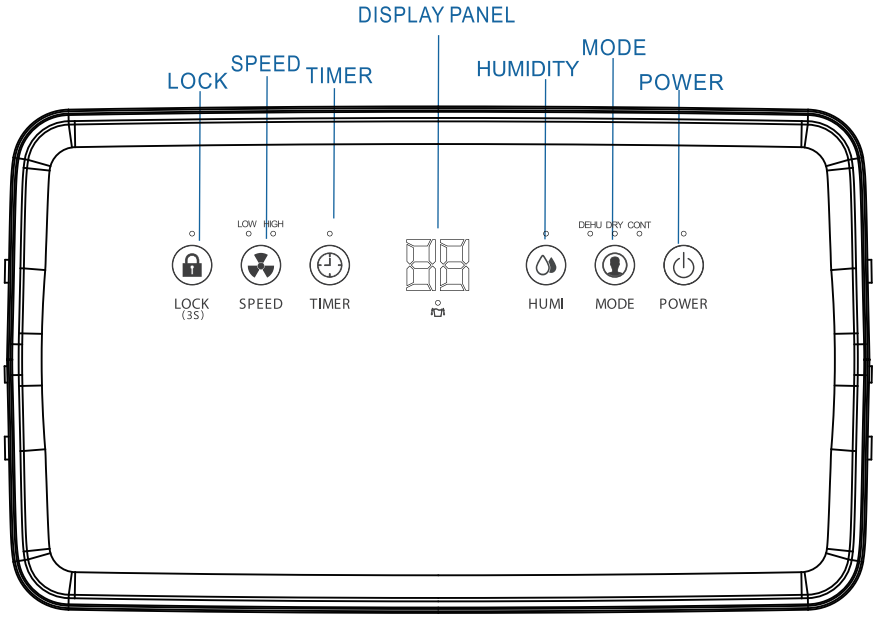
PRODUCT OVERVIEW



NOTE: Do not cover or block the air inlet or outlet.

Control Panel



OPERATION INSTRUCTION

1.Setting

Power Button

Press to turn the dehumidifier on and off.

Mode Setting

There are Dehumidifying Mode, Clothes-Dryer Mode, Continuous Dehumidifying Mode.

After the machine is turned on, press the " MODE " button to switch the working modes. Each time pressing the button, the machine will cycle through the Dehumidifying mode, the Clothes-Dryer mode, and the Continuous Dehumidifying mode.

Notices:

In the Dehumidifying Mode: Both the humidity and fan speed are settable.
In the Clothes-Dryer Mode: Both the humidity and fan speed are not settable.
In the Continuous Dehumidifying Mode: The fan speed is settable, while the humidity is not settable.

Humidity Setting

The humidity level can be set within the range of 30% RH to 80% RH in 5% increments.

-When the machine starts working, it will first automatically detect and show the room humidity. In the dehumidification mode (not settable under the other modes), press the "HUMIDITY" button to change the humidity selection, each time in 5% increments. The number indicator " 88 " will flashing and show the set humidity . Once you have settled the humidity you want, please stop operating and wait for 5 seconds, the number indicator " 88 " will stop flashing and turn to show the actual room humidity instead.

-When the humidity level falls below the set humidity, the dehumidifier will automatically stop working, while the humidity level exceeds the set humidity, it will automatically start working again.

-When the humidity level is set at 30% RH, the dehumidifier will turn to work in the continuous dehumidifying mode.

Time Setting

The time setting is used to set a time for the machine to automatically turn on or turn off.

1. When the machine is turned on, the time setting is used for auto turn-off; When the machine is turned off, the time setting is used for auto turn-on.
2. Press the "TIMER" button to select the timer, each time in 1-hour increments. You can set the timer up to 24 hours. It will start to do the countdown when the setting is finished.
3. If the time is set at " 00 " , this is called the invalid time which means the time setting is invalid. Once the time setting is succeeded, the light " " will light up, and the led screen will keep showing the setting time for seconds, then turn back to show the current room humidity.

OPERATION INSTRUCTION

LOCK

When the machine is turned on, press and hold the LOCK button " " for 3 seconds, the control panel will be locked together with the other function buttons. To unlock the control panel, press and hold the LOCK button " " again for 3 seconds.

Speed Button

The speed button is used to control the fan's speed, it can be switched to the high -speed mode or low-speed mode. The humidity and wind speed cannot be set in the drying mode, and the high wind speed is automatically selected.

*** Notice:**

The high-speed mode will gain the moisture removal effect, while the low-speed mode will be much quieter, please choose your preferred speed mode accordingly.

Power Off Memory Function

If a power interruption occurs when the machine is in the turned-on state and working normally, it will restore the turned-on state directly and remain the previous parameters settings after the power is recovered.

Overflow Protection

When the water in the water tank reaches full, the machine will turn off automatically. The indicator light " " will start flashing, and the buzzer will alarm for seconds. After emptying the water from the water tank, the indicator light " " will turn off, and the machine will start to work again.

*** Notice:**

Please make sure the machine is placed on a flat surface, or it may also cause the alarm and protection when the water is not full.

OPERATION INSTRUCTION

Auto Defrost Function

When the machine is running at a very low temperature, the system will automatically determine whether there is a presence of frost. If the machine determines there is a presence of frost, it will start to defrost automatically.

Defrost Action

The fan will run at the high-speed mode while the compressor will stop working.

Defrost Status Display

In the defrosting status, the power button " ⏻ " will keep flashing.

2.Display Status Description

- After the machine is settled up an electric circuit, the "POWER" button" ⏻ " will light on which means the machine is powered on and stays at the Standby (Turned- off) status.
- Timer indicator " 🕒 ": If the timer is set up properly, the indicator will turn on, when the timer is not set up properly the indicator light will turn off.
- High-speed indicator " HIGH ": If you set the machine to high-speed fan mode, the indicator will turn on.
- Low-speed indicator " LOW ": If you set the machine to low-speed fan mode, the indicator will turn on.
- Dehumidifying mode indicator " DEHU ": When the Dehumidifying mode is selected, the indicator will turn on; otherwise, it will be off. When the room humidity reaches the set level, the power indicator and the humidity number will start flashing.
- Clothes-Dryer indicator " DRY ": When the Clothes-Dryer mode is selected, the indicator will turn on, otherwise it will be off.
- Continuous Dehumidifying mode indicator " CONT ": When the Continuous Dehumidifying mode is selected, the indicator will turn on, otherwise it will be off.
- Water full light indicator " ": When the water tank is full of water, the indicator will start flashing.
- When the machine is working properly, the data " 88 " on the display panel will be the humidity value.

OPERATION INSTRUCTION

3. Error&Protection Code

Fault Phenomenon	Analysis of Causes	Processing Method
Humidity always shows "25%RH" — but there is a big difference from the actual humidity.	Humidity sensor failure?	Set the humidity to 30%RH, the dehumidifier can still continue to work, and can be used normally.
		Please contact support@moistdrop.com
Humidity always shows "99%RH" — but there is a big difference from the actual humidity.	Water on the surface of humidity sensor?	The dehumidifier is not affected and can continue to work, and can be used normally.
		Please let the dehumidifier keep working for a period of time, after the water on the surface of humidity sensor is removed, it will return to normal.
		Please contact support@moistdrop.com
Humidity always shows "EF"	Fan malfunction?	Check if there are any foreign objects blocking the air outlet.
		Please contact support@moistdrop.com

OPERATION INSTRUCTION

4. Instruction for Clothes-Dryer Mode

The dehumidifier can be used for drying clothes in rainy weather.

Step 1.

Hang the washed clothes in a small space such as a cloakroom, bathroom, or storage room.

Notice: Keep the unit away from the water drip from the washed clothes.

Step 2.

Turn on the dehumidifier and set it to drying mode. It is suggested to let the air outlet of the dehumidifier blow air to the clothes directly.

1. The drying effect will vary from the thickness of clothes, the number of clothes, and the size of the drying room. Theoretically, the effect will be better when clothes are few, thin and the room is small.

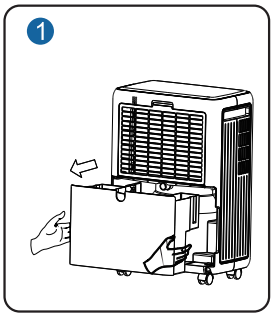
2.The drying process would take 3 - 8 hours, thus, setting the machine to the continuous drainage mode is more suggested when drying clothes.

5. Removing the Collected Water

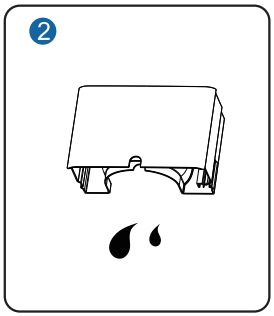
There are two ways to remove the collected water:

1) Use the Water Tank

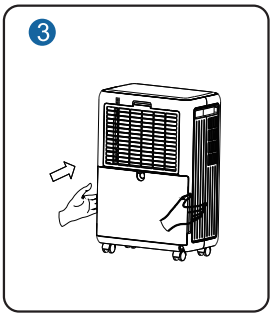
When the water tank is full, the compressor stops working and the indicator light on the power button will flash. After 3 minutes, the" " indicator light on the water tank icon will turn red and flash as a warning, and the entire machine shuts down. At this point, please empty the water from the water tank.



Hold the grooves on the left and right sides of the water tank with both hands, and gently pull the tank outward. Please pay attention to keeping the water tank stable to avoid spillage.



Invert the tank to empty the water.

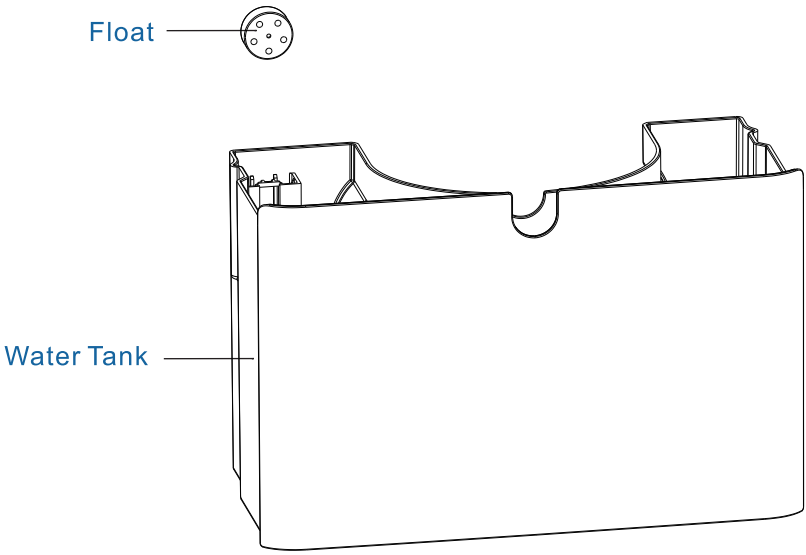


Put the tank back in place.

OPERATION INSTRUCTION

NOTE:

- Do not remove the float in the tank, otherwise the sensor will not be able to sense the water level properly, so that the water will overflow from the tank when the it's full.
- If the tank is dirty, wash it with cold or lukewarm water. Do not use detergent, scouring pads, chemically treated dust cloths, gasoline, benzene, thinner, or other solvents, as these can scratch and damage the tank and cause water leakage.
- Replace the empty tank back into the unit, you should hear a click when the tank is in the correct position. Once seated correctly, the unit will startup again.



OPERATION INSTRUCTION

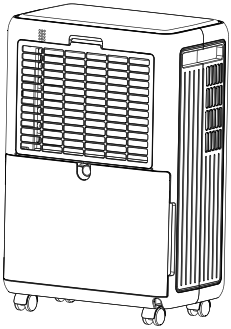
2) Continues Draining

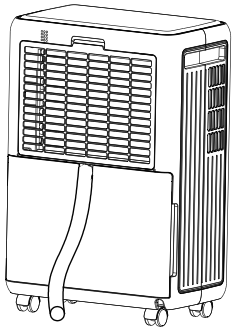
Water can be automatically emptied into a floor drain by attaching a draining hose to the dehumidifier.

Unplug the power supply, insert the water pipe into the drain outlet, connect the power supply and start the machine.

Ensure the hose outlet is ≥3.9 inches (10 cm) lower than the drain outlet to enable gravity flow. And avoid sharp bends in the hose to maintain smooth drainage.

Note: The inner diameter of draining outlet is 5/8in.





CLEANING AND MAINTENANCE

⚠ WARNING:
Turn the dehumidifier off and remove the plug from the power source before cleaning

Clean the dehumidifier body

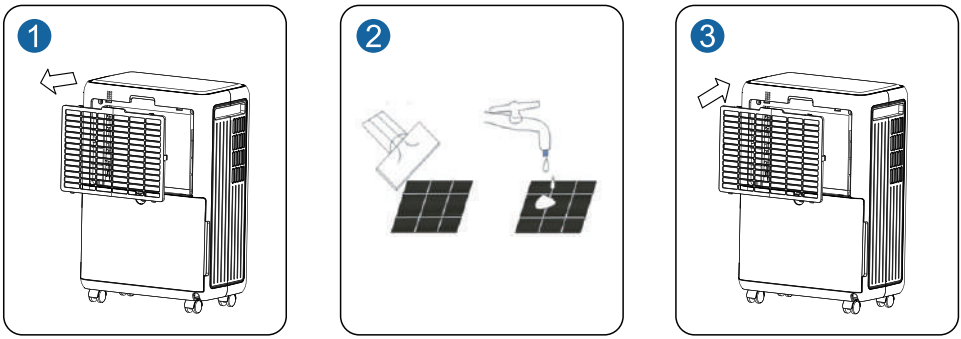
Please use only a soft and a bit wet textile or cloth to clean it.

Clean filter

❶ Pull out the filter.

❷ Clean the filter: use a vacuum cleaner to gently remove the dust from the surface of the filter. if the filter is very dirty, wipe it with warm water and a mild detergent and dry it completely.

❸ Slowly insert the filter back into the fuselage.



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 bucke.

· 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 place.

⚠ WARNING:
Do not operate the dehumidifier without a filter. Because dirt and lint will clog it and reduce its performance.

TROUBLESHOOTING

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.

Contact Customer Service support@moistdrop.com if the dehumidifier operates abnormally or does not operate, and the solutions below are not useful.

Problem	Cause	Solution
The compressor has not started, only the fan is running	Turn the machine on and off, restart it.	To protect the compressor motor , Please wait for more than 3 minutes.
	After the water is full protection, place the water tank again and the machine starts.	
	The dehumidifier defrosts, and restarts after defrosting.	
	The ambient humidity is lower than the set humidity and the machine starts.	The humidity needs to be set lower than the ambient humidity, Please wait for more than 3 minutes.
The dehumidifier does not work	The power cord is unplugged.	Make sure that the unit's plug is inserted properly into the power outlet.
	Is the Tank Full indicator blinking? (The tank is full or in a wrong position.)	Empty the water in the water tank and then reposition the tank.
	Is the room temperature above 95°F(35°C)or below 41°F(5°C).	This product does not apply to over hot or cold environment, the machine will automatically protection, it is a normal phenomenon.
	Is the room temperature between41°F(5°C)and 68°F(20°C)?	When running under lower ambient temperature, the machine will automatically defrost, it is a normal phenomenon. Wait until the defrost process finish, it will restart dehumidifying again.
	The dehumidifier is in the defrosting process.	It is normal the compressor ceases while defrosting process. Wait until the defrost process finish, it will restart dehumidifying again.

TROUBLESHOOTING

Problem	Cause	Solution
The dehumidifier does not work	Does the room humidity is lower than or reach the preset humidity level？（The room humidity has reached the preset humidity level, the dehumidifier enters into standby mode and the LCD and indicators will start flashing.）	Please set the humidity 5% decrease by degrees than the room humidity or set the humidity to 30%.
	There is prevent frequent start function in the machine. Dose the machine stop working just now?	Please wait for more than 3 minutes.
	Room humidity is low.	The dehumidifier is designed to work in the humidity rang of 30%-80%.Above or below the work humidity range, it will not work.
The dehumidifier does not dry the air as it should	The air filter is dirty.	Clean the air filter.
	Is the air inlet or air outlet obstructed？	Remove the obstruction from the air inlet or outlet.
	The dehumidifier size is too small for application.	Increase the quantity of dehumidifier. Or change a higher capacity dehumidifier.
	Poor air circulation.	Please leave about 7.9 inch (20cm) around the porduct.
	Did not allow enough time to remove the moisture.	Allow enough time to remove the moisture. When first installed,allow at least 3-4 days to maintain the desired RH.
	The room has not been sealed properly.	Check that all doors, windows and other openings are securely closed.
	The air filter is clogged.	Wash the filter.
	Room temperature is too low, or below41°F(5°C) (The machine will not work and or poor dehumidify efficiency in low tempreture).	Please wait the temperature rises above 5℃ or higher.

TROUBLESHOOTING

The dehumidifier makes loud noise when operating	The dehumidifier is not positioned level.	Move the machine to a horizontal position.
	Is there blocking around the air inlet? The air filter is clogged.	Clean up the dirty form the on the air outlet and intake.
	Is the filter installed correctly?	Please check whethether the filter packaing bag removed and install correctly.
Dehumidifier operates continuously	Check if the dehumidifier is in CONTINOUS MODE.	Don't set the humidity too low. Typically, 40-50% are good settings to use.
	Room humidity is too high.	Change humidity settings. Or change a higher capacity dehumidifier.
	Doors and windows are open.	Ensure that all doors, windows and other openings are closed.
Overflow of water on floor	The water tank 's float been stunk.	Move the float and let it can be swang freely.
	The magnet on the float comes off.	Put the magnet in right position.
	Hose to connector or hose connection may be loose.	Connect the hose with the drain outlet tightly.
	The water tank has not been installed properly.	Re-install the water tank properly.
Humidity always shows "25%RH" (there is a big difference from the actual humidity)	Humidity sensor failure?	Set the humidity to 30% RH,the dehumidifier can still continue to work, and can be used normally.
		Repair and replace the humidity sensor.
Humidity always shows "99%RH" (there is a big difference from the actual humidity)	1.Water on the surface of humidity sensor? 2.Humidity sensor failure?	The dehumidifier is not affected and can continue towork,and can be used normally
		Please let the dehumidifier keeps working for a period of time, after the water on the surface of the humidity sensoris removed, it will return to normal
		Repair and replace the humidity sensor.

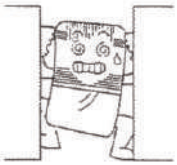
IMPORTANT SAFETY TIPS

1. When using, please do not put the machine on soft and uneven ground, avoid vibration and movement.

2. Do not insert thin rods and hard objects into the fuselage to avoid malfunction and danger.

3. When using, please keep the machine away from the heating furnace, electric kettle, and other heat sources.

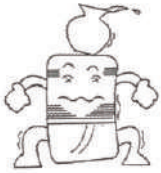
4. When using, make sure doors and windows are closed to get the best humidity removal effect.



5. Please do not put objects around the body. If the ventilation is blocked, the dehumidification effect will be affected.

6. If do not use the product for a long time, please unplug the power cord.

7. When cleaning the humidifier fuselage, please use a wet cloth or textile to wipe the unit's surface gently, do not splash water on the unit directly.



8. Please do not put any object on the dehumidifier.

9. Please clean the filter every two weeks (do not use hot water above 104°F, gasoline toluene)

10. When on continuous drainage, make sure the drainage pipe is placed horizontally on the ground. Avoid the pipe to be on uneven surface or in an arch position.

11. After cleaning the filter, do not dry the unit under direct sunlight to avoid filter deformation.

12. Before moving and carrying the machine, please first pour out the water in the tank.

WARRANTY & SUPPORT

This appliance is covered by a 1-year manufacturer's warranty. We promise to deliver great customer service for the lifetime of your product.
Write to support@moistdrop.com to extend your 3-year warranty! Free Replacement or Refund for Any Quality Issues.

Defective Product

We conduct quality assurance checks on every product. If your product is defective, **DO NOT RETURN DIRECTLY TO AMAZON**, please contact support@moistdrop.com (that's us!). We will try our best to make things right!

DISPOSAL

The appliance should not be disposed off via the household bin collection. Disposal of the appliance should be carried out in accordance with the national regulations.

For FAQs and more information, please visit:

✉ support@moistdrop.com

We are expecting to see our products fulfill your life and hear your voice.

Your satisfaction means a lot to us.

Made in China