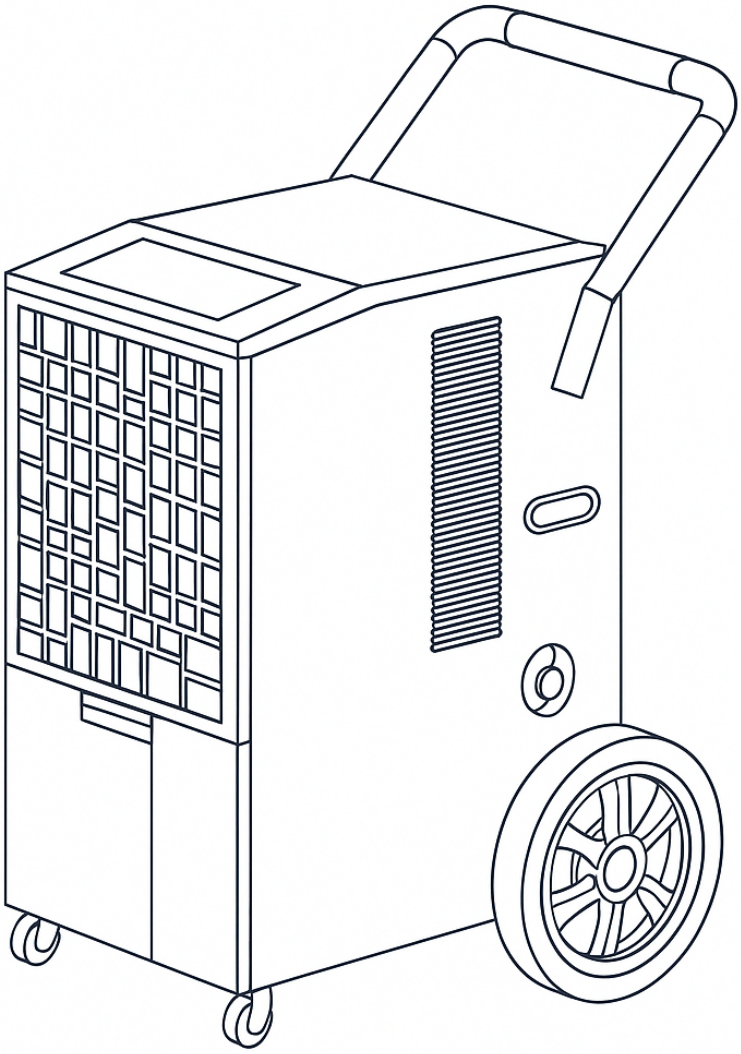
DAPPER

Instruction Manual

Commercial Dehumidifier

Model No:- DP-CD1128



Please read the instruction manual carefully before use

For any service-related issues, please contact us:
Phone Number: 718-301-8243
Email address: support@dapper-supply.com

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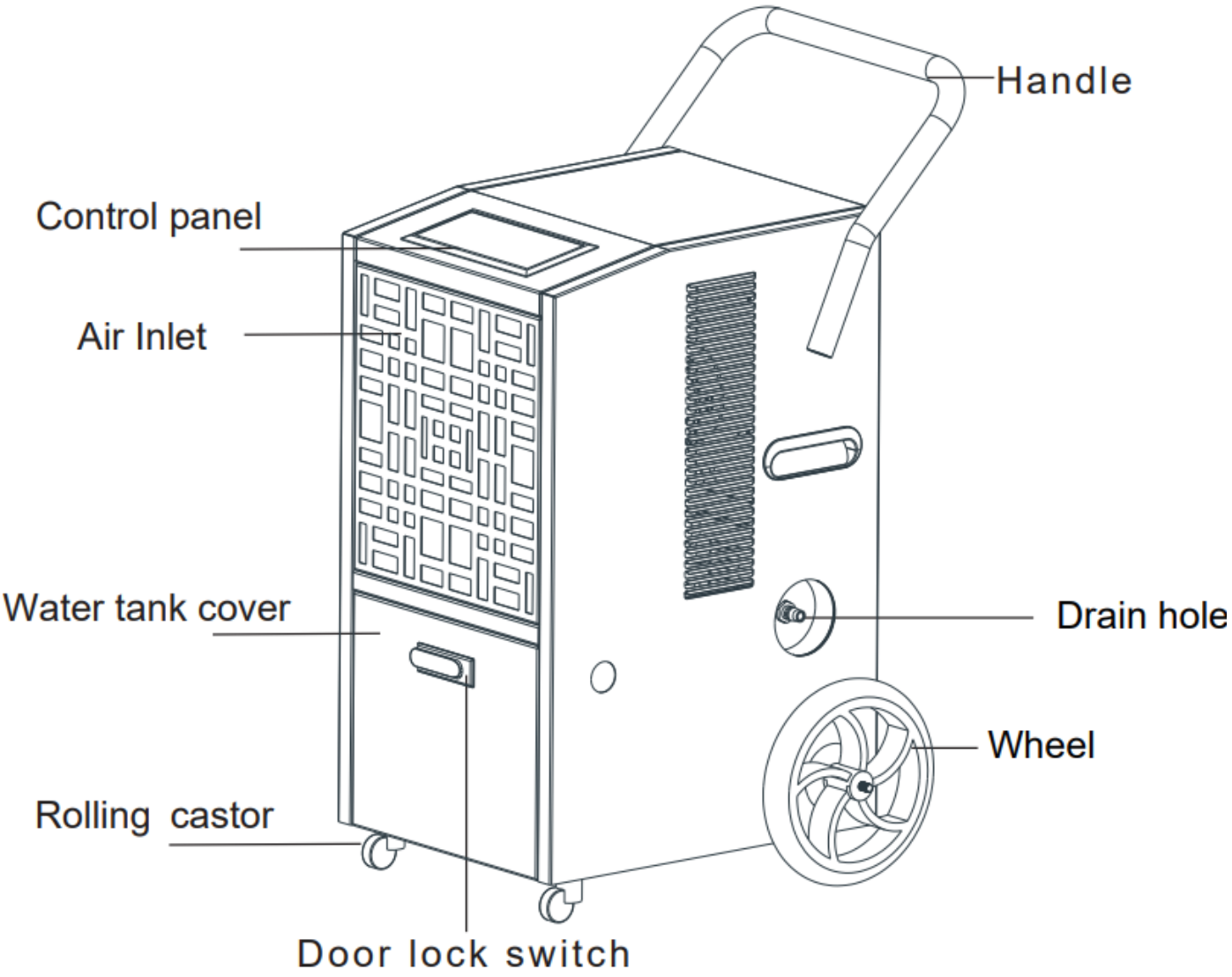
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PARTS LIST

Product Drawings



Includes:



Main Body x1



Wheel x2



Handle x1



Drain hose x1



User Manual x1



Rolling castor x2



Wheel gasket x2



Wheel shaft x2



M6 screw (fixed handle and wheel press) x10



M4 stainless screw (fixed rolling castor) x8



Screwdriver x1



Ring spanner x1



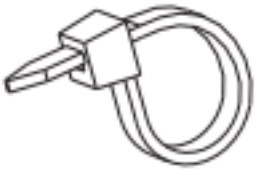
Hexagon nut x2



M6 washer x6



M3.5 washer x8



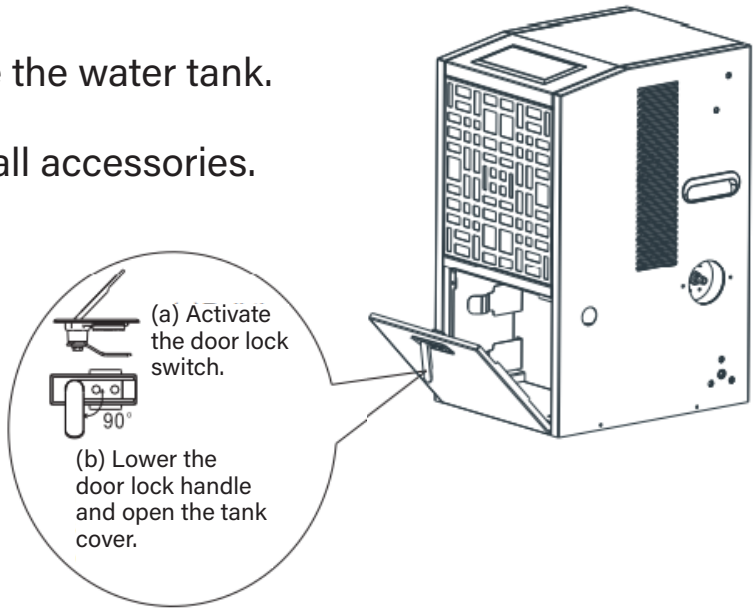
Ribbon x1

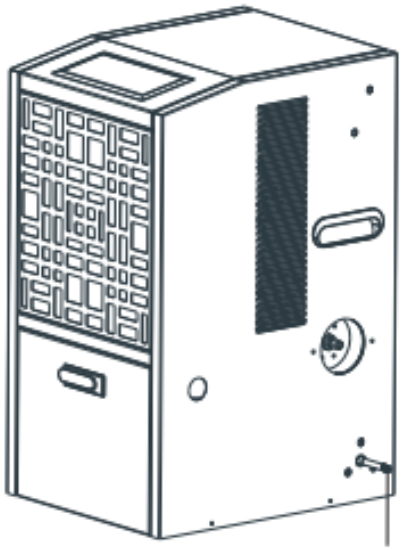
When unpacking, please ensure that all components listed on the packing list are complete.

ASSEMBLY

1. All accessories are stored inside the water tank.

Open the tank cover and remove all accessories.



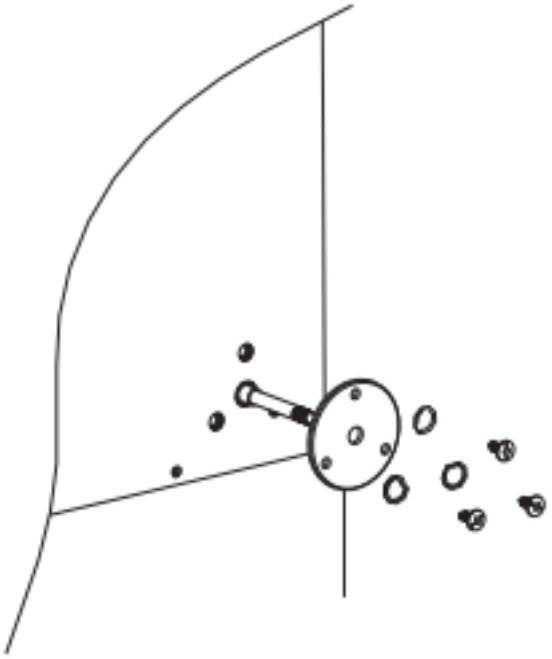


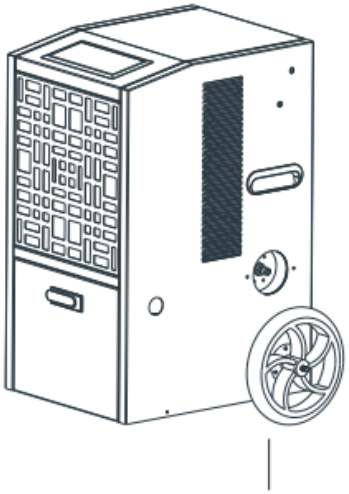
2. Attach the wheel shaft.

Remove the wheel shaft from the tank and securely install it onto the main unit.

3. Install the wheel gasket.

Position the wheel gasket and secure it using M6 screws and M6 washers. (Tool required: screwdriver).

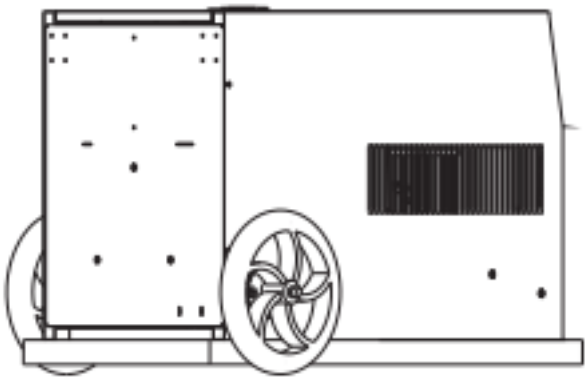




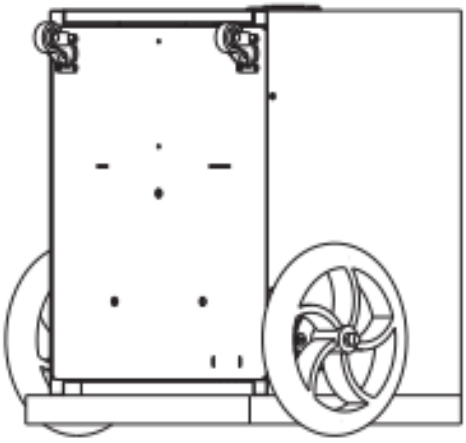
4. Install the wheels.

Attach the wheel hub to the wheel shaft, then secure it with a hexagon nut.

5. Install rolling castor. Align the castors with their mounting points and securely fasten them in place.



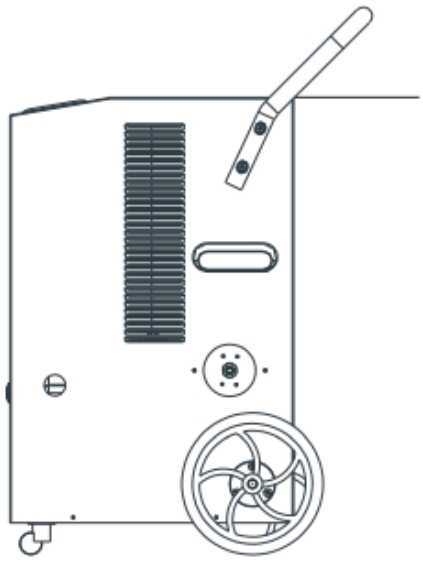
(a) Place a cushion underneath the machine first, then gently tilt the machine backward.



(a) Begin by placing a cushion underneath the machine, then carefully tilt the machine backward.

6. Install the handle.

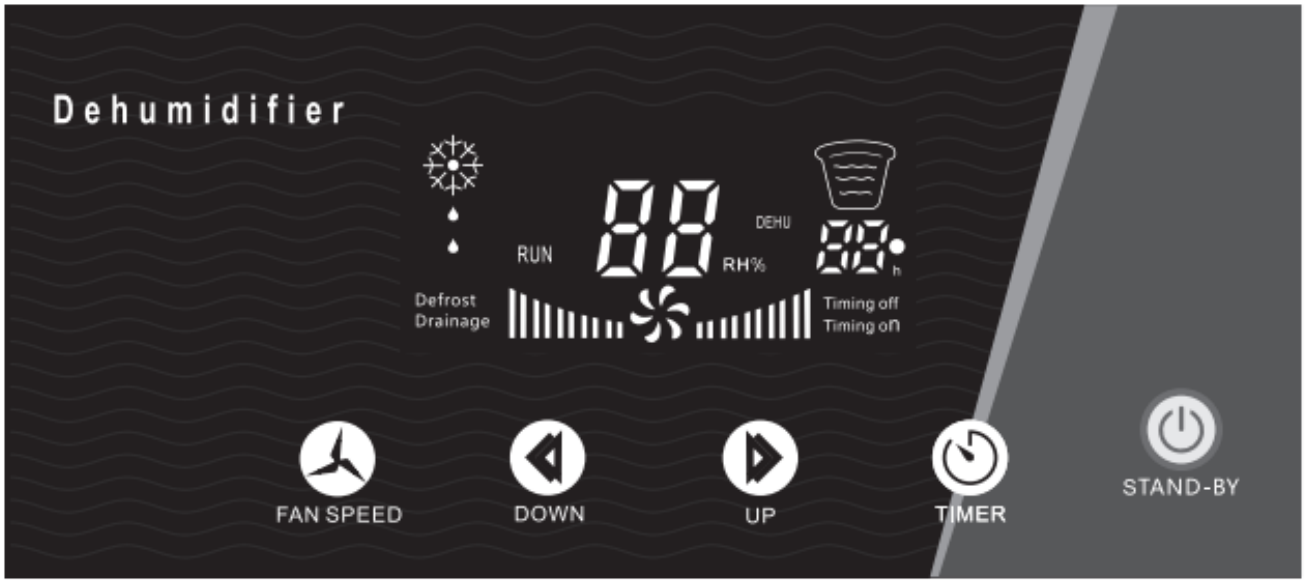
Align the handle with the four holes on the main body, insert the screws, and tighten them securely. (Tool required: screwdriver).



Specifications

Model No.	DP-CD1128
Dehumidify Capacity	105pints/day(86of/80%RH)
	48pints/day(65oF/60%RH)
Voltage & Hertz	115V 60Hz
Rated Input Power	520W
Max. Input Power;	850W
Heat exchanger maximum pressure	3.8MPa
Allowable exhaust working pressure	1.2MPa/3.8MPa
Refrigerant Charge	R32/200g/7.05oz
Type of protection against electric shork	I
Net Weight	69lbs
Fuse	3.15A, 250V

Button Function



STAND-BY

When this key is pressed in standby mode, the buzzer sounds twice to indicate the device is powering on.
Pressing the key again while the device is on will cause the buzzer to sound once, indicating the device is shutting down.

TIMER

Press this key to enter the timing Settings.

DOWN / UP BUTTON

Adjustable humidity setting, timing setting.

The corresponding function is indicated on the LED display



When the power cable is just connected, the buzzer buzzes, the double 8 will display the ambient humidity rh%.

RUN System starts



Fan operation display

Compressor operation display



Water tank,wave moving dehumidification,water tank full icon flashing



Frost mark

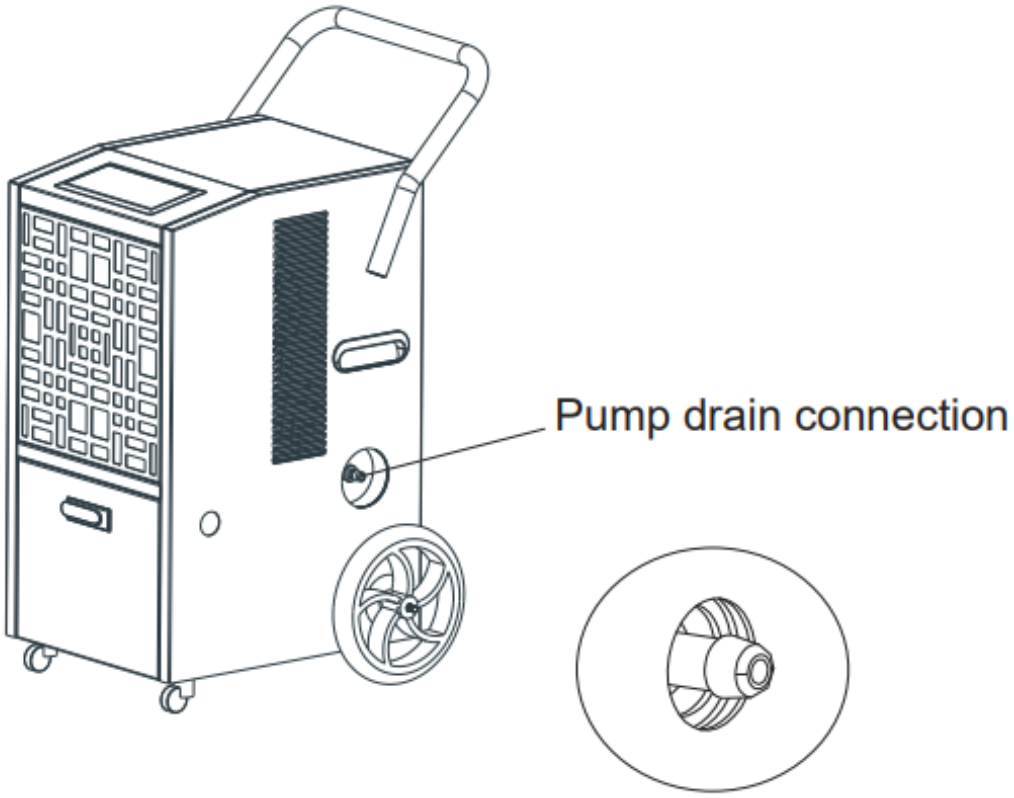


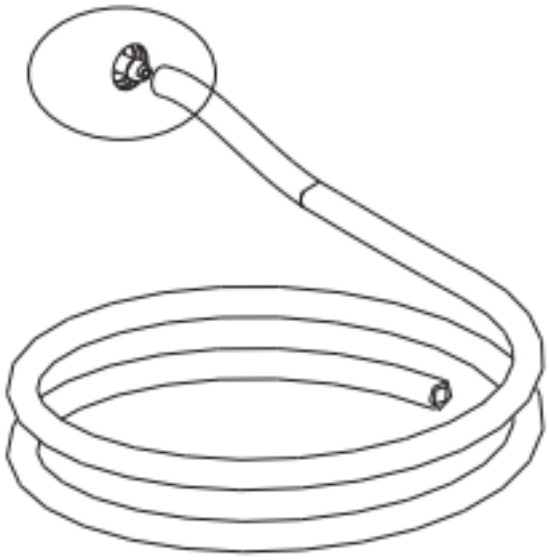
TIMER, time ends return to zero

Automatic drainage starts when the tank indicator lights up

Drainage Way

A. Pump drainage



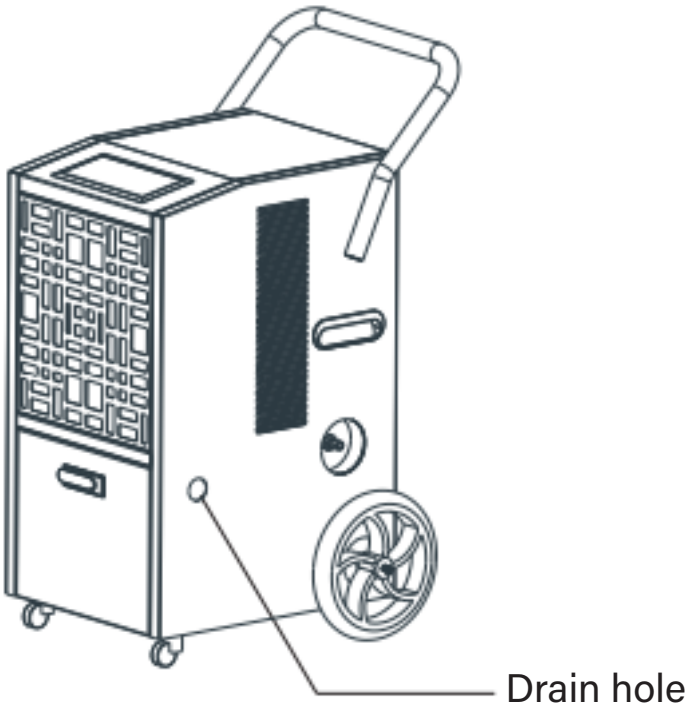


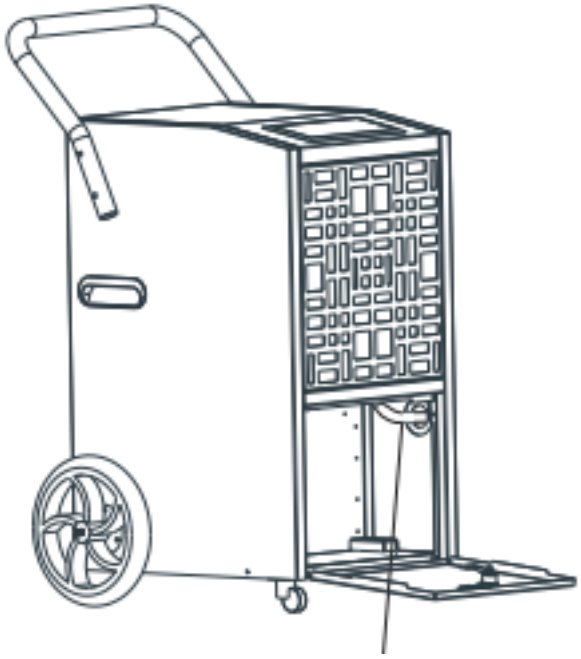
1. Insert drain hose



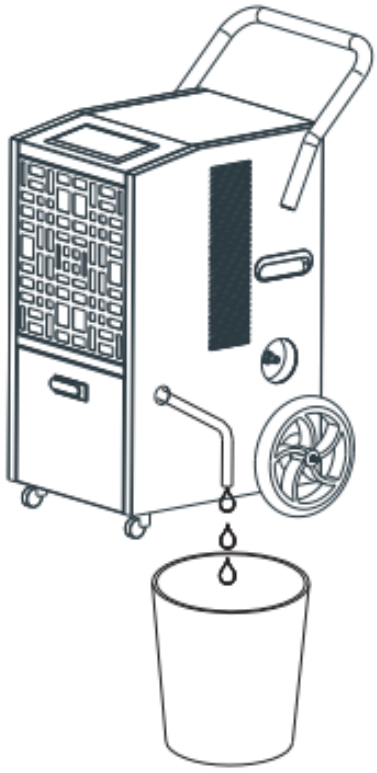
2. Strapping ribbon

B.Continuous drainage





Open the tank lid, connect the internal drain pipe through the drain hole



Note: It is recommended to keep using pumps to drain water.

SAFETY

PRODUCT DESCRIPTION

This dehumidifier is designed to remove excess moisture from indoor spaces and is commonly used in areas such as basements, warehouses, and villas. It utilizes the environmentally friendly refrigerant R32, which does not harm the ozone layer (ODP), has a minimal greenhouse effect (GWP), and is globally accessible. Thanks to its high energy efficiency, R32 is an excellent choice for this application. However, due to its flammable nature, appropriate safety precautions must be observed.

SYMBOLS FROM THE UNIT AND USER MANUAL

 WARNING	This unit uses a flammable refrigerant. If the refrigerant leaks and comes into contact with an open flame or a hot surface, it may release harmful gases and pose a fire hazard.
	Read the USER MANUAL carefully before operation.
	Further information is available in the USER MANUAL, SERVICE MANUAL, and the like.
	Service personnel are required to carefully read the USER MANUAL and SERVICE MANUAL before operation.

Important Safety Precautions

- Always follow these safety instructions.
- This appliance may be used by children aged 8 years and above, as well as by individuals with reduced physical, sensory, or mental capabilities, or those lacking experience and knowledge, only if they are supervised or have been instructed on the safe use of the appliance and understand the associated hazards.
  Children must not play with the appliance. Cleaning and maintenance must not be performed by children without supervision.
- This appliance is intended for indoor use only. It is not suitable for outdoor use.
  This unit is specifically designed to use R32 (propane) as the refrigerant. No other refrigerant should be used.
- The refrigerant system is sealed and should only be serviced by qualified technicians.
- Do not release refrigerant into the atmosphere.
- R32 (propane) is flammable and heavier than air. It tends to settle in low areas and may be moved by air circulation.
- If propane gas is suspected or detected, do not allow untrained individuals to investigate.
- Propane has no odor, so its presence may not be noticeable even if it is leaking.
- If a leak is suspected:
  1. Immediately evacuate all persons from the area.
  2. Ventilate the space thoroughly.
  3. Contact the local fire department, informing them of a suspected propane leak.
  4. Do not re-enter the area until it has been inspected and declared safe by a qualified service technician.
- Avoid any sources of ignition, including open flames, cigarettes, or other spark-producing devices near the unit.
- All components used in this unit are designed to be non-sparking and compatible with propane. Only use identical replacement parts when servicing.
- Failure to follow these warnings may result in explosion, serious injury, death, or property damage.

FOR YOUR SAFETY

Your safety is the most important thing we concerned!



Please read this manual carefully and fully understand before operating your appliance.

OPERATIONAL PRECAUTIONS

WARNING – To minimize the risk of fire, electric shock, injury, or property damage, please observe the following safety instructions:

- If the power cord is damaged, it must be replaced by the manufacturer or a similarly qualified technician to prevent any danger.
- Always disconnect the appliance from the power supply before performing any maintenance or service.
- Ensure the unit is connected to a power source that matches the voltage, frequency, and rating specified on the product's nameplate.
- Use only a properly grounded electrical outlet.
- Unplug the unit when cleaning or when not in use.
- Do not operate the unit with wet hands or allow water to come into contact with it.
- Never immerse the unit in water or expose it to rain, moisture, or other liquids.
- Do not leave the unit running unattended. Avoid tilting or turning the unit over while in operation.
- Never unplug the unit while it is running.
- Always pull the plug directly when unplugging—do not pull the cord.
- Do not use extension cords or adapter plugs.
- Avoid placing any objects on top of the unit.
- Do not sit or climb on the unit.
- Keep fingers and other objects away from the air outlet.
- Avoid touching the air inlet or the aluminum fins inside the unit.
- Do not operate the appliance if it has been dropped, damaged, or if it is malfunctioning in any way.
- Do not use harsh chemicals to clean the unit.

- Keep the unit away from fire, flammable materials, and explosive substances.
- Installation must comply with national electrical and wiring regulations.
- Do not attempt to speed up the defrosting process or clean the unit using any methods other than those recommended by the manufacturer.
- The appliance must be stored in a location free from continuous ignition sources (e.g., open flames, gas appliances in operation, or electric heaters).
- Store the unit in a manner that protects it from mechanical damage.
- Do not puncture or incinerate the unit, even after it is no longer in use.
- Be aware that refrigerants used in the unit may be odorless, even if a leak occurs.
- Ensure refrigerant piping is protected from physical damage and is not installed in an unventilated space smaller than 4 m2 (43 sq. ft).
- All national gas safety regulations must be strictly followed.
- Keep all required ventilation openings unobstructed.
- Store the appliance in a well-ventilated area that meets the minimum room size requirements specified for safe operation.



Anyone working on or accessing a refrigerant circuit must hold a valid, up-to-date certification from an industry-accredited assessment authority. This certification confirms their competence to handle refrigerants safely and in compliance with recognized industry standards and regulations.



Servicing should only be carried out in accordance with the manufacturer's recommendations. Any maintenance or repairs that require additional skilled personnel must be conducted under the supervision of an individual qualified in handling flammable refrigerants.

SAFETY PRECAUTIONS DURING SERVICING

When servicing appliances that use R32 refrigerant, it is essential to follow the safety guidelines below to minimize the risk of fire or explosion:

- Area Inspection

  Before starting any work on systems containing flammable refrigerants, a safety assessment must be performed to reduce the risk of ignition. The following precautions must be taken when repairing the refrigerant system.
- Work Procedures

  All servicing must be conducted using controlled procedures to reduce the likelihood of flammable gases or vapors being present during the operation.
- General Work Area

  All maintenance personnel and anyone in the vicinity should be informed about the nature of the work being performed. Avoid working in confined spaces. The work area should be clearly marked and cordoned off. Ensure all flammable materials in the area are safely controlled or removed.
- Refrigerant Leak Detection

  Before and during the servicing process, the area should be monitored with a suitable refrigerant detector to identify any presence of flammable gases. Only use leak detection equipment that is appropriate for flammable refrigerants—this means equipment that does not spark, is well-sealed, or is rated as intrinsically safe.
- Fire Extinguisher Availability

  If any hot work (such as soldering or welding) is required on the refrigeration system or associated components, an appropriate fire extinguisher must be readily available. A dry powder or CO2 fire extinguisher should be kept close to the charging or service area.
- No Ignition Sources

  Anyone working on a refrigeration system involving pipes that contain or have contained flammable refrigerants must ensure no ignition sources are present in a way that could pose a fire or explosion risk. All potential ignition sources, such as smoking, should be kept at a safe distance from areas where installation, repair, removal, or disposal is taking place, especially if flammable refrigerant could be released into the surrounding environment. Before starting any work, the area should be surveyed to confirm there are no flammable hazards or ignition risks. “No Smoking” signs must be displayed in the work area.

- Ventilated Area

  Before breaking into the system or performing any hot work, ensure the area is either open or adequately ventilated. Ventilation should continue throughout the duration of the work to safely disperse any released refrigerant, ideally venting it externally into the atmosphere.
- Checks to Refrigeration Equipment

  When replacing electrical components, ensure they are suitable for the task and meet the required specifications. Always follow the manufacturer's maintenance and service guidelines. If unsure, contact the manufacturer's technical department for guidance. For installations using flammable refrigerants, the following checks should be performed:

  -The refrigerant charge size is appropriate for the room size where the refrigerant-containing components are located.

  -Ventilation systems and outlets are functioning correctly and are not obstructed.

  -If an indirect refrigeration circuit is used, check the secondary circuit for the presence of refrigerant.

  -Ensure that equipment markings remain visible and legible. Any markings or signs that have become illegible must be corrected.

  -Refrigeration pipes or components should be installed in locations where they are not likely to come into contact with substances that could corrode refrigerant-containing parts. If exposure to such substances is possible, the components must be made from materials that are inherently resistant to corrosion or are adequately protected against it.
- Electrical Device Checks

  Repairs and maintenance of electrical components must include initial safety checks and component inspections. If a fault is detected that could compromise safety, the electrical supply to the circuit must not be reconnected until the issue is resolved. If the fault cannot be immediately fixed but it is necessary to continue operation, a suitable temporary solution must be implemented. This must be reported to the equipment owner so all parties are informed.

  Initial safety checks should include:

  -Ensuring capacitors are discharged safely to prevent sparking.

  -Verifying that no live electrical components or exposed wiring are present while charging, recovering, or purging the system.

  -Confirming that earth bonding continuity is maintained.



The appliance must be installed, operated, and stored in a room with a floor area greater than 4m2(43 sq. ft.).
Do not install the unit in an area where flammable gases may leak.



NOTE! The manufacturer may offer additional examples or provide further information regarding the refrigerant odor.

OPERATION

1. Turn ON

In standby mode, press the power key. The buzzer will beep twice, the LED display will light up, and the current ambient humidity will be shown. The machine will then start based on the previously saved settings and operating mode.

2. Temperature setting

While in normal mode (not already setting), press the “Set” key once to enter humidity setting mode. The humidity display will start blinking. Use the “Up” or “Down” keys to adjust the desired humidity level. Each press changes the setting by 1% RH, accompanied by a buzzer sound. Holding the key for 2 seconds allows the value to increase or decrease continuously. (Setting range: 20% to 90%)

3. Timer

Press the “Set” key again to enter the timer setting mode. The time display will blink. Use the “Up” or “Down” keys to adjust the timer. Each press changes the time by 1 hour, with a buzzer sound for confirmation. Holding the key for 2 seconds enables continuous adjustment. (Range: 0 to 24 hours; default is 0 hours)

4. Drainage function of pump

When the water tank is full, the system automatically drains the water using the pump. If error code E6 appears, it indicates a water pump malfunction.

5. Power off memory function

The controller includes a power-off memory feature. If the system loses power during operation, it automatically saves the current operating status and settings (excluding the timer). When power is restored, the system resumes from the previous state and continues running.

Error

E1: Indicates a failure of the copper head sensor. When this occurs, the system will operate in a cycle of 20 minutes of dehumidification followed by 15 minutes of defrosting. The copper head sensor should be replaced with a new one.

E2: Indicates a failure of the humidity sensor. In this case, the humidity adjustment buttons will be disabled. The system will cycle through 30 minutes of dehumidification and 15 minutes of defrosting. The faulty humidity sensor must be replaced.

F6: Indicates that the water tank is full. The machine will emit a buzzing sound and stop operating. To resume operation, empty the water tank and reinstall it properly.

Safety precautions

1. The machine operates within a temperature range of 41°F to 100.4°F.

2. During operation, the dehumidifier's compressor generates heat, which may cause a slight rise in room temperature.

3. Maintain a minimum distance of 20 inches between the air outlet/intake and the wall.

4. In case of an abnormal shutdown, the compressor features a 3-minute self-protection delay before restarting.

5. At low temperatures, the dehumidifier will automatically assess the system temperature and activate defrost mode as needed. During defrosting, the indicator light will turn on. The fan will continue to operate while the compressor stops automatically.

6. Accumulated dust on the air filter can reduce dehumidification performance. Clean the filter at least once a month. In dusty environments, it may require weekly or even daily cleaning. To clean, remove the front panel and take out the filter. Gently tap it, use a vacuum cleaner, or wash it in warm water with a neutral detergent. Rinse thoroughly, allow it to dry completely, and reinstall. Never use fire to dry the filter, as it may deform.rly.

MACHINE STORAGE

If you plan to store the unit for an extended period, follow these steps:

1. Clean the air filter to ensure it remains free of dust and debris.

2. IMPORTANT: The evaporator inside the unit must be thoroughly dried before packing to prevent damage and mold growth.

-Unplug the unit and place it in a dry, open area for several days to allow it to air out.

-Alternatively, increase the humidity setting to at least 2% above the ambient humidity. This will keep the fan running and help dry the evaporator over a few hours.

3. Secure the power cord by placing it in the designated storage pocket at the back of the unit.

4. Store the unit in a clean, dry location.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not run	Unit is not plugged in.	plug in correct position
	Room temperature under 41o F or above 100.40 °F.	To protect the machine, use it only when the ambient temperature is between 41oF and 100.4oF.
Machine runs but does not dehumidify	When the humidity set point is 2% higher than ambient humidity.	Reset the humidity to a lower set point, or power off the machine if the humidity has satisfied you.
Reduce dehumidifier capacity	Filter mesh jammed.	Clean the filter mesh according to manual.
	Air-in and/or Air-out louvers jammed.	Clear the blockage from Air-in and/or Air-out louvers.
No air inlet	Filter mesh or air-in louver jammed.	Clean filter according to instructions or clean the louver blockage.
Loud Operation	Machine situated on an incline or decline slope.	Move to flat ground.
	Filter mesh jammed.	Clean filter mesh according to instructions.

Cautions:

Switch off the unit and unplug it immediately if anything abnormal happens. Then contact qualified personnel.



Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local regulation for information regarding the collection systems available.

WARRANTY

LIMITED WARRANTY:

Dapper Supply, Inc. extends a limited warranty to the original purchaser, guaranteeing that this Dapper product is free from manufacturing defects in material or workmanship for three years from the date of purchase.

Should you discover any such defect within the warranty period, Dapper Supply, Inc. reserves the right to repair or replace the product without charge, or to cover the cost of replacement parts and repair labor needed to correct defects present at the time of purchase or resulting from regular usage, when the appliance has been installed, operated, and maintained as per the instructions provided.

At its sole discretion, Dapper Supply, Inc. may decide to replace the product. In such an event, your replacement appliance will carry the warranty for the remaining term of the original unit's warranty period.

This warranty is valid exclusively to the original purchaser of the product and only applicable within the United States. The warranty commences from the date of original consumer purchase. Proof of the original purchase date will be required to obtain service under this warranty.

Under this limited warranty, your sole and exclusive remedy will be product repair, as outlined above. All services must be provided by a Dapper-designated service company.

To claim warranty or request repair service:
Email support@dapper.com. Please include your name, address, phone number, warranty repair request, and a copy of your proof of purchase receipt. Alternatively, visit dapper.com and use the contact us page. A Dapper customer service representative will promptly arrange service for your appliance.

We thank you for choosing Dapper.

WARRANTY EXCLUSIONS:

This limited warranty will not cover:

1. Failure of the product to perform during power failures or interruptions, or due to inadequate electrical service.

2. Damage incurred during transportation or handling.

3. Damage caused by accidents, vermin, lightning, winds, fire, floods, or acts of God.

4. Damage resulting from accidents, alterations, misuse, abuse, improper installation, repair, or maintenance. This includes using any external device that alters or converts the voltage or frequency of electricity.

5. Unauthorized product modifications, repairs by unauthorized centers, or use of non-approved replacement parts.

6. Abnormal cleaning and maintenance not aligned with the user's manual.

7. Use of incompatible accessories or components.

8. Any costs associated with repairs or replacements under these excluded circumstances shall be the responsibility of the consumer.

DAPPER