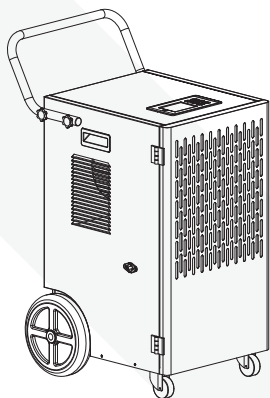


USER MANUAL

Commercial Dehumidifier



The manual can be applied to:

- DP605C
- DP905C

Read the manual before operating the device and keep it for future reference.

From the Manufacturer

Thank you for purchasing this Yaufey dehumidifier. As an indoor air quality control specialist, Yaufey is dedicated to creating dehumidifiers that efficiently remove moisture from your space in a simple manner. We recommend reading this manual carefully for operation instructions before using the device and keeping it for future reference.

Dedicated Customer Support

After receiving the dehumidifier, please take a moment to carefully examine its package contents for potential damages or missing parts. Should any concerns arise, Yaufey promises satisfying solutions without causing you further inconvenience. Before considering a return, contact us first and let us make it right for you.



support@yaufey.com

Before First Use

Ensure that the dehumidifier is always kept in an upright position to avoid any internal damages. After unwrapping the dehumidifier, please set it upright and let it sit for **24 HOURS** before plugging it in.

We may not be superheroes for life—but we can be your HERO for this dehumidifier. Just reach out anytime.

Not collecting water? Missing parts?

Need setup help or missed the return window?

No worries – we've got your back!

Yaufey Customer Support – Available 24/7

✉ support@yaufey.com 📞 (213)-895-4871



Note: The product diagrams in this manual are for illustration purposes only. The actual products may vary slightly in shape and appearance.

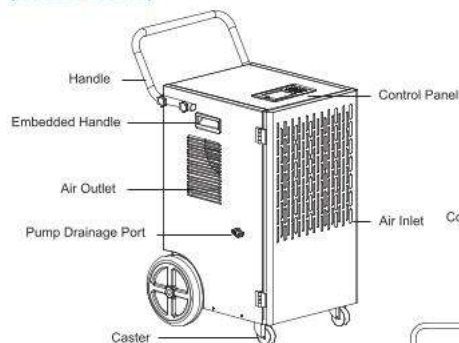
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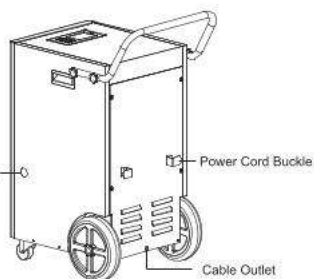
PARTS ILLUSTRATION

Applicable to DP605C

(Front Side)



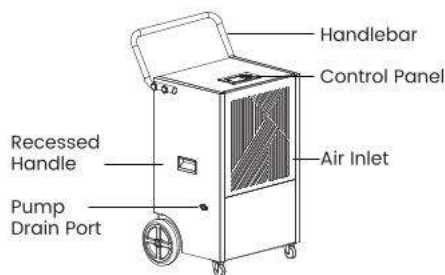
(Back Side)



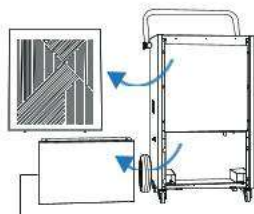
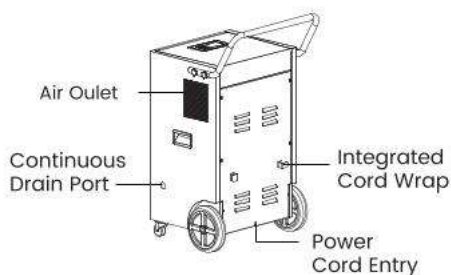
Pull-Open Front Panel

Applicable to DP905C

(Front Side)



(Back Side)

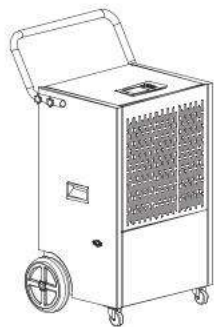


Bottom Access Panel

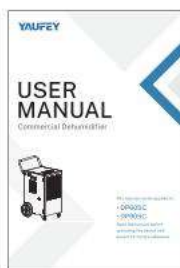
Note: These graphic drawings are for demonstration purposes only.
The actual product may vary slightly in size and shape.

PACKAGE CONTENTS

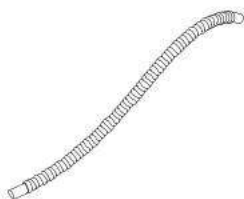
The package of this commercial dehumidifier contains the following items:



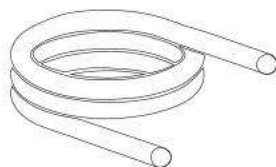
Commercial Dehumidifier × 1



User Manual × 1



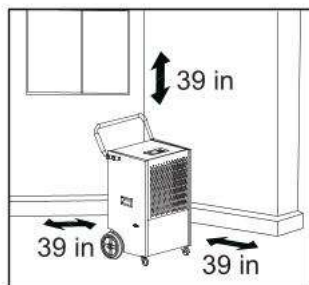
Gravity Drain Hose × 1



Pump Drain Hose × 1

Device Positioning & Placement

1. The operational temperature range for the dehumidifier must be maintained between 41°F to 100°F (5–38°C). Operation outside of this specified temperature range may lead to potential damage to the product. Therefore, please do not place the device in an area where temperatures fall outside of this range.
2. When positioning the dehumidifier, please ensure it is not placed too close to walls or other objects, as this could obstruct the air vents. Maintain a minimum clearance of 39 inches above and around the device, as depicted in the diagram.
3. The device should be positioned, operated, and stored in an area with a minimum space of 54 sq. ft.

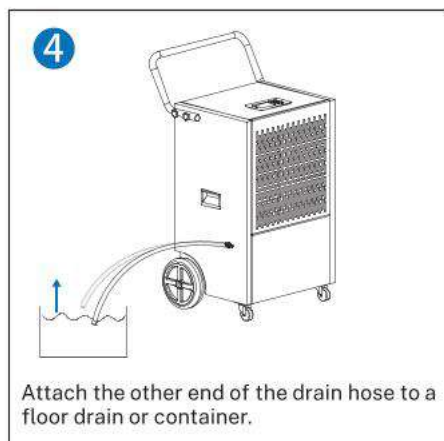
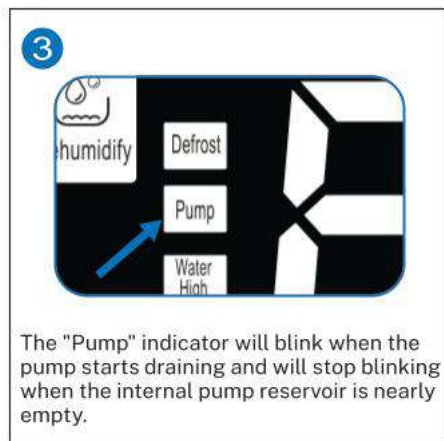
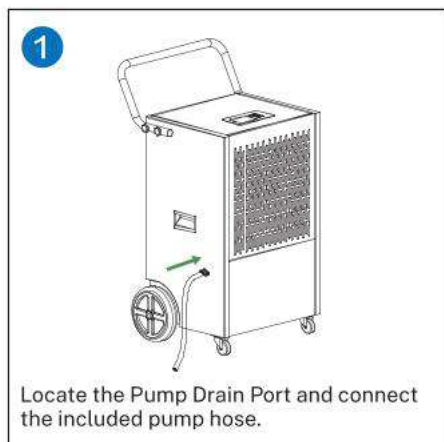


WATER DRAINAGE

This dehumidifier provides two efficient drainage options: gravity drain and pump drain. Both methods effectively remove condensate water from the internal reservoir, ensuring continuous operation and hassle-free maintenance.

Pump Drain

The built-in pump automatically drains water upward or over an extended distance when the internal reservoir reaches the maximum water level. Please ensure the pump drain hose is properly attached before turning on the dehumidifier.



WATER DRAINAGE

Note: Ensure the pump drain hose is securely attached before turning on the dehumidifier. If the unit operates without a hose connected, the pump may discharge water onto the floor when the internal reservoir reaches full capacity or the pump drain is manually activated.

The pump supports a maximum water lift of 16.4 ft. Exceeding 15 ft in vertical drain height may result in water leakage.

Gravity Drain

Use the Gravity Drain Port for direct drainage when pump operation or vertical lift is not required.

Front panel opening methods may vary slightly depending on the model.

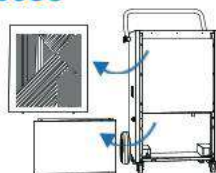
1 DP605C



Open the panel from the right side.

OR

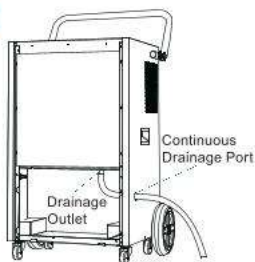
1 DP905C



Remove the top panel:

Pull the edge of the top panel outward with force to detach it. Then, use a screwdriver to loosen the screws securing the bottom panel.

2



Remove the original connected short hose, insert the long hose through the continuous drainage port and connect it to the drainage outlet.

After connecting the hose, reinstall the panel in the same manner it was opened.

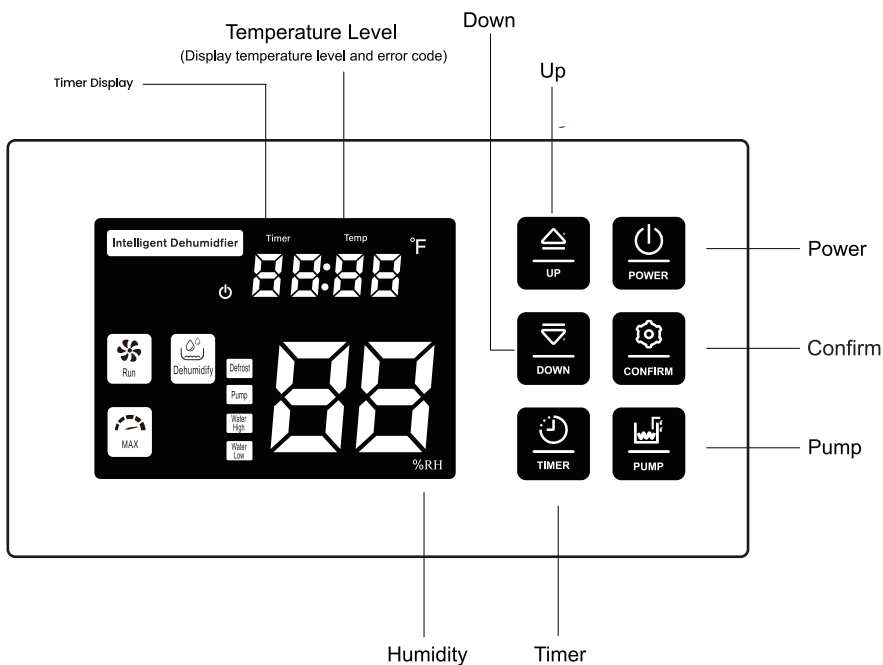
Note:

The pump will not operate while a gravity drain hose is connected. To use the pump again, disconnect the gravity hose and reconnect the original pump hose.







The drain hose should run smoothly downward and remain at least 3.94 inches lower than the drain port level to prevent water leakage.

FUNCTION OVERVIEW

1. Control Panel













2. Button Instructions

| | | | |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------|
|  | Up Button Increase humidity or timer settings. |  | Power On/Off Turn the dehumidifier on or off. |
|  | Down Button Decrease humidity or timer settings. |  | Confirm Button Save settings and exit. |
|  | Timer Setting Set up timer-on or timer-off operation. |  | Pump Button Manually pump water out of reservoir. |

FUNCTION OVERVIEW

3. Indicator Description

| Icon | Meaning | Status |
|------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Standby Indicator | On: Dehumidifier in standby. Off: Dehumidifier running. |
|  | Fan Icon | On: Fan is running. Off: Fan stops. |
|  | Compressor Symbol | On: Compressor is running. Off: Compressor is off. Flicker: Delayed compressor start Flickering with Humidity: Target humidity level reached. |
|  | Continuous Dehumidifying | On: Target humidity set to 10%RH. |
|  | Defrosting Indicator | Flicker: Defrosting in progress. Off: Defrosting complete. |
|  | Pump Icon | On: Pump activated. Off: Pump deactivated. Flicker: Pump is actively draining water. |
|  | | On: High-temperature protection activated. |
|  | | On: Low-temperature protection activated. |
|  | | On: Water level inside the reservoir is high. |
|  | | On: Water level inside the reservoir is low. |

FUNCTION OVERVIEW

4. Features

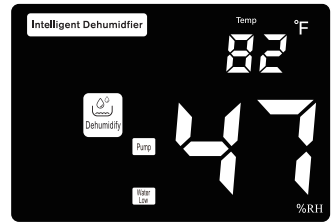
24-Hour Timer

Utilize the timer feature to automatically schedule your dehumidifier to turn on or off within a maximum duration of 24 hours. When the device is running, set a timer to cease operation at your desired hour. In standby mode, use the timer to automatically start dehumidification within your specified time frame.

Smart Humidity Control

This dehumidifier features a built-in humidity sensor for smart humidity control. It automatically detects and displays real-time humidity levels on the screen for easy monitoring.

When the humidity drops more than 3% RH below your preset level, the dehumidifier pauses operation, with the "Dehumidify" symbol flickering. Both the compressor and fan stop, but you can still adjust settings.



The unit resumes operation when humidity rises above the target level, ensuring efficient and convenient humidity control.

Note: The displayed humidity level may deviate by 3–5% RH from the actual humidity level.

Power-off Memory Restart

In the event of an unexpected power failure or accidental unplugging, the dehumidifier offers automatic restart, seamlessly resuming operation with your previously saved settings once power is restored.

Please note that any set timer will be interrupted and require resetting.

Auto Defrosting



Designed for optimal performance, it effortlessly tackles frost build-up on its coils, ensuring energy efficiency even in low temperatures.

During defrosting, the compressor stops, the fan switches to high speed, and the display flashes the "Defrost" symbol.

OPERATION INSTRUCTIONS

1. Power On/Off & Standby Mode

Upon being plugged in, the dehumidifier's display will briefly illuminate to indicate it is connected to power. Then, the dehumidifier will enter standby mode, with the "⏻" illuminated.

Press the  button to turn on the dehumidifier. The display will show real-time readings of the room temperature (°F) and humidity level (%RH). Note: Due to the compressor protection mechanism, there will be a short start delay for the compressor, indicated by the flickering of the  symbol.

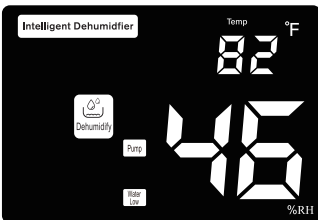
3-Minute Delay Compressor Protection

In the event of frequent power cycling, the 3-minute delay protection mechanism will be triggered to enforce a 3-minute delay before restarting the compressor.

| 3-Minute Delay Compressor Protection | | |
|--------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|
| | Fan | Compressor |
| Power On | Starts running immediately. | Will not restart until 3 minutes after the last shutdown. |
| Power Off | Continues to work for another 5 seconds before turning off. | Stops running immediately. |



Note: Please wait until both the fan and the compressor have stopped running before unplugging the dehumidifier.


2. Humidity Setting

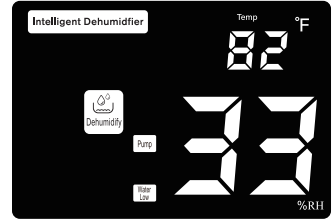


Once activated, the dehumidifier will automatically detect and display the space humidity on the screen (with the "%RH" symbol). The reading will be continuously updated in real-time to help you monitor the space humidity.

OPERATION INSTRUCTIONS

Press  or  to set your target humidity, ranging from 10% RH to 98% RH in 1% RH increments. You can also press and hold the buttons for continuous adjustment.



After completing the settings, press the  button to confirm, or wait 5 seconds for the system to exit automatically.



3. Timer Setting

Use the timer setting to schedule the dehumidifier to automatically turn on or off. Please note: The 24-hour timer is for one-time operation only and cannot be set to repeat. To cancel a timer, you will need to manually set the timer length to zero. Additionally, be aware that any timer settings will be cleared if the power is interrupted or if the unit is turned off and on again.




Programmed Shut-down:

1. Press  to access the timer settings. The "Timer" indicator and the timer duration will begin to flicker on the screen.
2. Press the Up or Down button to set the timer duration, cycling through 0 to 24 hours.
3. After selecting the timer duration, press the  button to confirm, or wait 5 seconds for the system to exit automatically.
4. Once the timer is successfully set, the timer indicator will illuminate, displaying the remaining hours.



Programmed Start-up:




1. In standby mode, the timer button is still functional for setting the auto-on timer for the dehumidifier.
2. Press the  button and select a duration using the  or  button. Once a timer is successfully set, the Timer indicator will

illuminate, displaying the remaining hours as well.

3. The auto-on timer will restore the previous humidity setting from before the last power-off.

ERROR CODE EXPLANATION

| Error Codes | Handling Method |
|-------------|-------------------------------------------------------------------------------------------------|
| E1 | Replace the temperature and humidity sensor. |
| E2 | Replace the temperature sensor. |
| E3 | Full internal reservoir. Connect hose to drain. |
| E4 | Replace the temperature and humidity sensor. |
| E6 | Make sure the display circuit has been connected right, and the DISPLAY port is well connected. |
| -H | No problem. The unit resumes working when unit temperature goes down. |
| -L | No problem. The unit resumes working when unit temperature goes up. |

- The dehumidifier can still operate with certain functions disabled under E1, E2, or E4 errors.
- **E3 flashing:** The internal reservoir is full and water cannot drain properly.
 - If pump hose connected, press  to manually drain.
 - If still not draining, connect a gravity drain hose.
 - E3 clears automatically once the reservoir is emptied.

If issue recurs: verify pump hose drainage height is within the 16.4 ft limit. If within limit, internal pump components may require service. Contact support if needed.

- If the problem persists, please unplug the dehumidifier and contact the Yaufey Support Team at support@yaufey.com for assistance.

TROUBLESHOOTING

If your dehumidifier malfunctions, we recommend trying the following troubleshooting steps before contacting the manufacturer. This can help you save time and potentially resolve the issue.

The listed problems are common issues that may occur with general dehumidifiers. It's important to note that this doesn't imply that this dehumidifier is prone to defects over time.

If the problem persists after following the recommended actions, please unplug the dehumidifier and contact Yaufey Customer Service as soon as possible for assistance.

| Problems | Possible Causes | Solutions |
|-----------------------------------------|------------------------------------------------|---------------------------------------------------------------------------|
| Unable to run the dehumidifier | Loose power connection | Check if the device is properly plugged into a working electrical outlet. |
| | The water tank is full or not properly placed. | Empty the water tank and make sure it's properly positioned. |
| | Space temperature out of the recommended range | Make sure the air inlets/ outlets are kept clear of objects. |
| | Defrosting in progress | Wait about 60 minutes until the defrosting is completed. |
| | 3-Minute Compressor Delay Protection | Wait for 3 minutes and restart the dehumidifier. |
| Not effectively dehumidifying the space | Blocked air inlet or outlet | Ensure that the inlet or outlet is kept clear of any objects. |
| | Open doors and windows | Keep windows and doors closed for efficient moisture removal. |
| | The presence of a nearby heat source | Remove the heat source. |
| | Too large space | Consider adding an additional dehumidifier unit. |
| Much noise | Unstable device placement | Position the dehumidifier on a flat surface. |
| | Blocked filter | Clean the filter. |
| | Fan noise during operation | Normal phenomenon. No action required. |
| Water leakage | Loose hose connection | Ensure that the hoses are firmly attached. |
| | Tilted device | Place the dehumidifier on even ground. |
| | Blocked drain port | Clean the port and ensure the drain hose is clear and smooth. |

MAINTENANCE & CLEANING

Note: Please remember to unplug the dehumidifier first before servicing or cleaning the unit.

- To clean the surface of the dehumidifier, use a soft, damp cloth. Avoid spraying water directly onto the unit, as it is not waterproof.
- Pay special attention to the air inlets and outlets, ensuring that any dust or debris is removed to maintain optimal airflow.
- When not in use, unplug the dehumidifier, and drain the internal reservoir. Store the unit in a dry, well-ventilated area, away from direct sunlight.

Filter Cleaning

Applicable to DP605C



Applicable to DP905C



1. Open the filter panel and remove the filter.
2. Gently brush off any dust from the filter, then rinse it thoroughly with water. Allow the filter to air dry completely. Do not dry the filter in direct sunlight to avoid deformation.
3. Once dry, place the filter back into its compartment and securely close the panel.

GENERAL SAFETY PRECAUTIONS

- The dehumidifier is designed for indoor use only and is not intended for operation on public transport, such as buses, subways, and trains.
 - Avoid placing the device on soft, shaky, or uneven ground, as this may cause vibration and movement during operation.
 - Verify that the dehumidifier's voltage matches your electrical supply and plug it into grounded outlets in accordance with local regulations regarding electrical safety.
 - Ensure that the drain hose runs downward without bending or winding to facilitate continuous water drainage.
 - Avoid contact with water as the dehumidifier is not waterproof.
-

- Be sure to unplug the dehumidifier first before cleaning or packing it.
 - Turn off the dehumidifier before unplugging the device.
 - For damaged cords, please contact the manufacturer or certified technicians for replacement to avoid hazards.
 - Do not dismantle or modify the device without professional certification. Such actions may lead to safety hazards and void the warranty.
 - If the dehumidifier is not going to be used for an extended period, please remember to unplug it.
-

- Keep the dehumidifier away from direct sunlight, heat-generating devices, and flammable materials, including stoves, gasoline, etc.
- Avoid sitting, standing, or placing heavy objects on the device.
- No pesticides or flammable liquids are allowed near the device.
- Avoid inserting fingers, rods, or other thin objects into the air inlet and outlet grilles of the dehumidifier.
- Stop and unplug the device immediately at any sign of malfunction.

GENERAL SAFETY PRECAUTIONS

- Do not tilt the device to prevent spilled water from damaging it.
- Children aged 8 and above, as well as individuals with reduced physical, sensory, or mental capabilities, should operate the device only under supervision. Children under 8 should not tamper with it.
- Use soft cloth for cleaning and avoid splashing water directly on it.
- Neutral detergents are recommended for surface cleaning. Alcohol, gas, and benzene are prohibited for cleaning purposes.

WARNING

Do not use means to accelerate the defrosting process or to clean the appliance, other than those recommended by the manufacturer. Risk of Fire—Store in a well-ventilated room without continuously operating flames or other potential ignition. Do not pierce or burn. Be aware that refrigerants may not contain an odor.



R32
A2L

- WARNING – Risk of Fire. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Puncture Refrigerant Tubing.
- WARNING – Risk of Fire. Dispose of Properly In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used.
- WARNING – Risk of Fire. Flammable Refrigerant Used. Consult Repair Manual/Owner's Guide Before Attempting To Service This Product. All Safety Precautions Must Be Followed.
- WARNING – Risk of Fire due to Flammable Refrigerant Used. Follow Handling Instructions Carefully in Compliance with National Regulations.
- WARNING – Risk of Fire – Store in a Well-Ventilated Room Without Continuously Operating Flames or Other Potential Ignition Sources.
- WARNING – Risk of Fire – The Appliance Shall Be Installed, Operated, and Stored in a Room With a Floor Area Larger Than 5 m² (54 ft²).

GENERAL SAFETY PRECAUTIONS

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 the equipment inside the package will not cause a leak of the REFRIGERANT CHARGE. The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

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

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;

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.

GENERAL SAFETY PRECAUTIONS

2. Information and training

- 2.1) The training should include the substance of the following.
- 2.2) Information about the explosion potential of FLAMMABLE REFRIGERANTS to 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.

GENERAL SAFETY PRECAUTIONS

- 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 A2L REFRIGERANTS).
- Evacuate again (not required for A2L 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) 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 A2L refrigerants);
 - 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.

GENERAL SAFETY PRECAUTIONS

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.

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 following order:
--Safely remove the refrigerant following local and national regulations. 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;

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 A2L REFRIGERANTS are used,
--Evacuate the refrigerant circuit.

GENERAL SAFETY PRECAUTIONS

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 technical 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:

- that capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;
- that no live electrical components and wiring are exposed while charging, recovering or purging the system;
- that there is continuity of earth bonding.

GENERAL SAFETY PRECAUTIONS

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 re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.)

Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used.

Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed, and the appropriate percentage of gas (25 % maximum) is confirmed.

Leak detection fluids are 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.

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.

GENERAL SAFETY PRECAUTIONS

The following procedure shall be adhered to:

- safely remove refrigerant following local and national regulations;
- purge the circuit with inert gas(optional for A2L);
- evacuate(optional for A2L);
- 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 A2L). This process shall be repeated until no refrigerant is within the system (optional for A2L). 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, and ventilation 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:

GENERAL SAFETY PRECAUTIONS

- 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.

SPECIFICATIONS

| Model | DP605C | DP905C |
|-----------------------------------|--------------------------|--------------------------|
| Power Source | 115V~60Hz | 115V~60Hz |
| Total Input Current | 8.1 A | 11.3 A |
| Moisture Removal (at 65°F, 60%RH) | 48.5 Pints/Day (23L/Day) | 72 Pints/Day (34L/Day) |
| Moisture Removal (at 80°F, 60%RH) | 74 Pints/Day (35L/Day) | 115 Pints/Day (54L/Day) |
| Moisture Removal (at 86°F, 80%RH) | 123 Pints/Day (58L/Day) | 190 Pints/Day (90L/Day) |
| Moisture Removal (at 95°F, 90%RH) | 155 Pints/Day (73L/Day) | 216 Pints/Day (102L/Day) |
| Input Power (65°F, 60%RH) | 520 W | 690 W |
| Input Current (65°F, 60%Rh) | 4.5 A | 8.1 A |
| Motor FLA | 0.76 A | 0.9 A |
| Motor Compressor (RLA/LRA) | RLA: 5.4 A/LRA: 29 A | RLA: 9.35 A/LRA: 43 A |
| Refrigerant/Charge | R32/280 g | R32/430 g |
| Max. Allowable Pressure | 5.5 Mpa (800PSIG) | 5.5 Mpa (800PSIG) |
| High Pressure | 4.0 Mpa (580PSIG) | 4.0 Mpa (580PSIG) |
| Low Pressure | 1.7 Mpa (247PSIG) | 1.7 Mpa (247PSIG) |

Recommended working temperature for the dehumidifier: 41°F to 100°F.
The device may experience malfunctions outside this temperature range.

Note: We reserve the right to modify the product without prior public notice.

WARNING:

This product can expose you to chemicals including styrene and its compounds, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Important:

This warning is legally required by California's Proposition 65, which mandates disclosure even for trace amounts of certain substances.

The warning does not indicate that the product is unsafe when used as intended; the risk primarily applies to long-term exposure to significant amounts of these substances. The levels in this product are negligible and within safe limits.

WARRANTY & CONTACT

Warranty

All Yaufey products are covered under our 12-month warranty. Customers, whether purchasing this dehumidifier directly from Yaufey or through an authorized retailer, are welcome to reach out to Yaufey for tech support. For product defects or faulty parts, an order invoice or proof of purchase will be appreciated.

Please kindly note that product damage caused by regular wear and tear will not be covered under warranty, and the warranty will also be voided for the following behaviors (including but not limited to):

1. Failing to follow the instructions in the manual.
2. Purposeful mishandling of the device.
3. Damaging the device through violent impact.
4. Exposing the device to liquids or infiltrating foreign particles.
5. Unauthorized modification or overhauling of the device.

These are our general terms for warranty service. Customers are more than welcome to contact us for any feedback or advice.

Extend Your Warranty by 1 Year

Register your product at www.yaufey.com to extend your 1-year warranty by an additional year.

*Please fill out all required fields and include your Order ID and Date of Purchase if applicable.

Customer Support

If you have any questions or concerns about our product, please feel free to contact our professional support team. Yaufey customer service is always here to help.

YAUFEY Office

🏢 221 York Rd, Blacksburg, SC 29702 USA

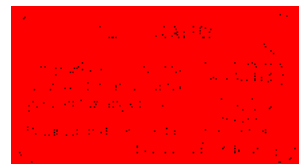
✉ Email: support@yaufey.com

☎ Tel: (213)-895-4871

💬 Live Chat: www.yaufey.com

🕒 24/7 Full-Time Response

*Have your Order Number ready before contacting customer support.





Scan the QR code
for Live Chat



@Yaufey

We hope our products will make your living space healthier and more comfortable.

Your satisfaction is our top priority.

Feel free to tag us when you share a snap on your social media.

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