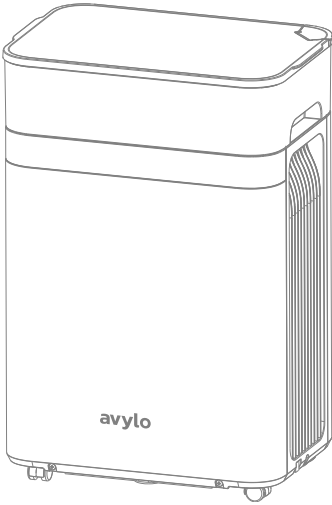


Dehumidifier

User Manual

MODEL: ADC018



avylo

READ AND SAVE THESE INSTRUCTIONS

**Thanks for
Choosing**

avylo

Your support means the world to us.
We hope you enjoy our product as much as
we enjoyed creating it.

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DEHUMIDIFIER

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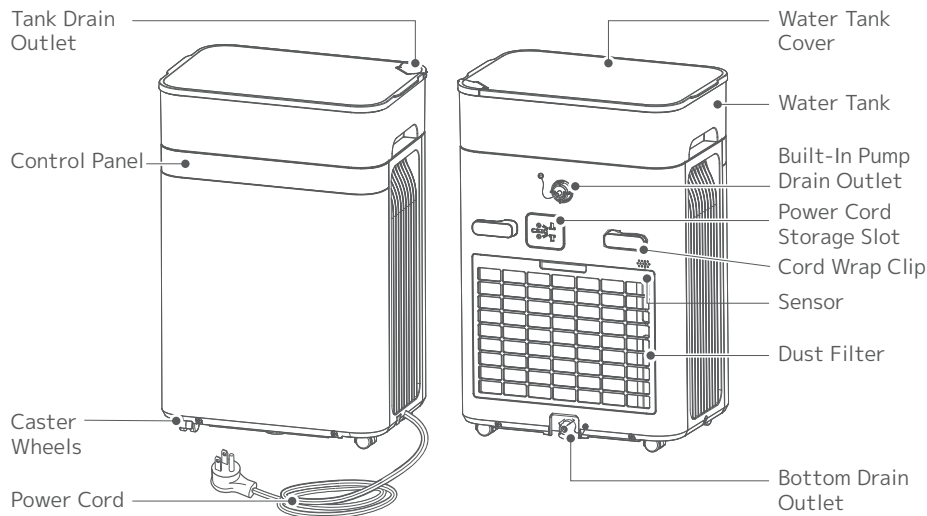
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GET TO KNOW YOUR DEHUMIDIFIER

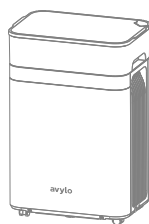
DEAR CUSTOMER

Thank you for purchasing the Avylo Dehumidifier. To ensure proper use and maintenance, please read this user manual carefully before operating the unit.

Product Overview



Package Contents



1x
Dehumidifier



1x
Drain Hose with Connector
(5 m / 15ft, stored inside
the water tank)



1x
User Manual

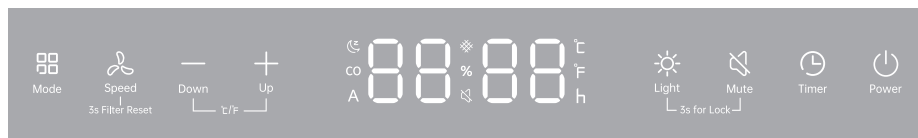


2x
Cards
(Quick Start Guide x1,
Service Card x1)

TECHNICAL SPECIFICATIONS







Model	ADC018
Rated Voltage/Frequency	115V / 60Hz
Rated Power	410W
Stand Power (65°F/60%RH)	235W
Refrigerant/Charge	R32 / 155g
The applicable operating temperature range for this unit is 5-35°C;	





CONTROL PANEL OVERVIEW



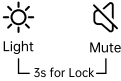
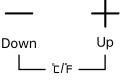
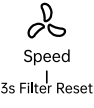

	Mute Indicator Lights up when the Mute function is enabled and turns off when Mute is disabled.
	Sleep Mode Indicator Lights up when Sleep Mode is activated and turns off when Sleep Mode is deactivated.
CO	Continuous Mode Indicator (CO) Lights up when Continuous Mode is activated and turns off when Continuous Dehumidification is deactivated.
A	Auto Mode Indicator (A) Lights up when Auto Mode is activated and turns off when Auto Dehumidification is deactivated.
	Child Lock The display shows LOC.
	Filter-Clean Indicator Lights up blue every 1,000 hours of operation, indicating that the filter needs to be cleaned. Press and hold the Fan Speed button for 3 seconds to turn off the indicator and reset the Filter-Clean indicator.
	Humidity / Temperature Display "75" on the left indicates humidity. "65" on the right indicates temperature.
	Low Humidity Indicator Displays when ambient relative humidity (RH) is below 30%.

CONTROL PANEL OVERVIEW

	High Humidity Indicator Displays when ambient relative humidity (RH) is above 90%.
	Timer Display Shows the current timer setting in Timer mode.
	Celsius Indicator (°C) Lights up when the temperature is displayed in Celsius.
	Fahrenheit Indicator (°F) Lights up when the temperature is displayed in Fahrenheit (factory default).
	Fan Speed Display Displays L1-L3, indicating fan speed levels.
	Water Tank Full Indicator When the water tank is full or not properly installed, the digital display shows "FULL."

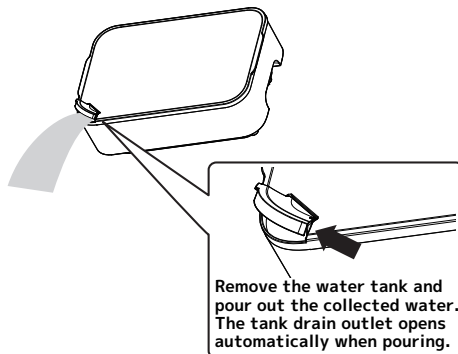
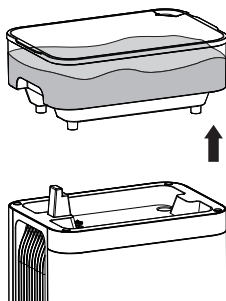
	Power Button Press once to turn the unit ON or OFF. The dehumidifier features an Auto-Resume function and will automatically restart with the previous settings after a power outage or when the unit is turned back on.
	Timer Button Press once to enter Timer ON setting mode. Press and hold for 3S to disable Timer. In Timer mode, press the "+", "-", or Timer button to adjust the timer in 1-hour increments, cycling from 0 to 24 hours. - Press and hold the "+" or "-" button to quickly scroll through 0 to 24 hours.
	Mute Button Press once to enable or disable the beep sound. When muted, all button tones and alert beeps are turned off, and the Mute icon lights up on the display.
	Light Button Press once to cycle through lighting modes: Screen on, ambient light on (default) → Screen off, ambient light on → All lights off → Return to default. Humidity Indicator Colors: <ul style="list-style-type: none"> ● Blue: Below 40% RH ● Green: 40%–60% RH ● Orange: Above 60% RH

CONTROL PANEL OVERVIEW

 <p>Light Mute └ 3s for Lock ┘</p>	<p>Press and hold both the Light and Mute buttons for 3 seconds to activate or deactivate the Child Lock function.</p>
 <p>Down Up └ T/F ┘</p>	<p>While the unit is ON, press and hold both the "+" and "-" buttons for 3 seconds to switch the temperature display between Celsius (°C) and Fahrenheit (°F).</p>
 <p>Speed 3s Filter Reset</p>	<p>Press the Fan Speed button to cycle through fan speeds: L1 → L2 → L3. In Continuous or Auto mode, pressing the Fan Speed button allows you to adjust the fan speed. Short press: Adjust the fan speed Long press: Reset the filter Sleep mode: Fan speed cannot be adjusted. When the filter-clean indicator lights up, clean the filter then press and hold the Fan Speed button for 3 seconds to reset the filter.</p>
 <p>Mode</p>	<p>Press the Mode button to cycle through operating modes: Continuous → Auto → Sleep.</p> <p>① Continuous Mode The unit dehumidifies continuously. Fan speed can be adjusted in this mode.</p> <p>② Auto Mode Set your preferred target room humidity (default: 60% RH). The unit stops automatically when the ambient humidity reaches the set value. If the ambient humidity rises above the set value, the unit will restart automatically. Fan speed can be adjusted in Auto mode.</p> <p>③ Sleep Mode The unit operates at L1 fan speed with all lights off. In Sleep mode, press "+" or "-" to adjust the Auto humidity setting. The fan speed remains locked at L1. If there is no operation for 3 seconds, all lights will turn off.</p>

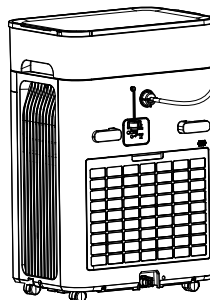
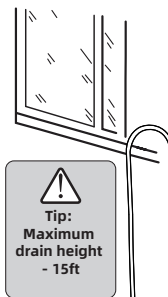
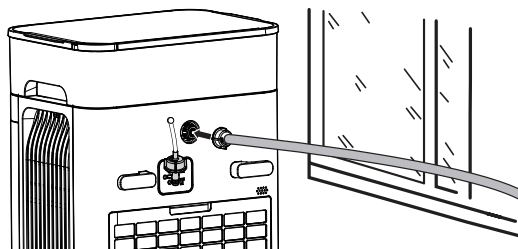
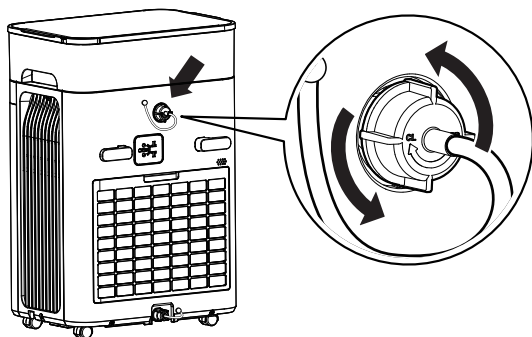
OPERATING INSTRUCTIONS

Drainage Method 1: Manual Drain



Drainage Method 2: Continuous Drain with Built-In Pump

1. Empty the water tank.
2. Unscrew the rear cover and remove the drain plug.
3. Screw the drain hose connector onto the unit.

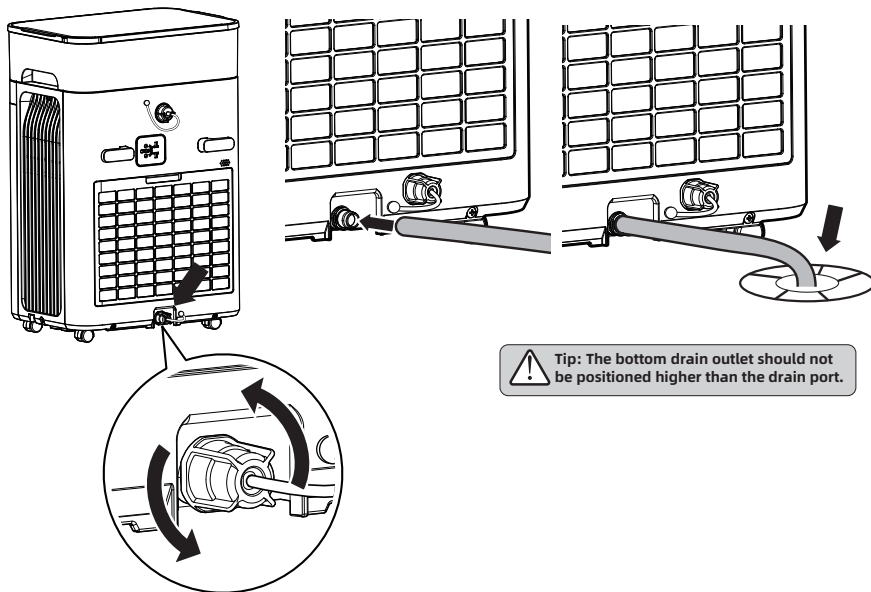


OPERATING INSTRUCTIONS

Drainage Method 3: Continuous Drain with Bottom Drain

A drain hose can be connected to the bottom drain outlet.
Please purchase the hose separately at a hardware store.
Recommended hose size: ½-inch inner diameter.

1. Unscrew the rear cover and remove the drain plug.
2. Attach the drain hose, ensuring the hose outlet points toward a drain.



Precautions / Safety Notes

1. Keep at least 30 cm (12 in) of clearance between the unit's air inlet/outlet and surrounding walls.
(See Figure 1)
2. Do not sit or stand on the unit.
(See Figure 2)

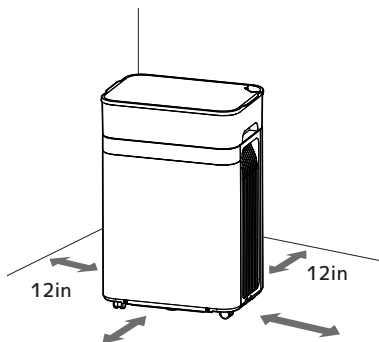


Figure 1



Figure 2

OPERATING INSTRUCTIONS

3. Place the unit on a stable and level surface. (See Figure 3-4)

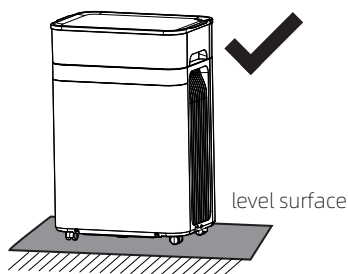


Figure 3

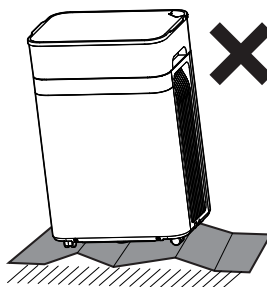


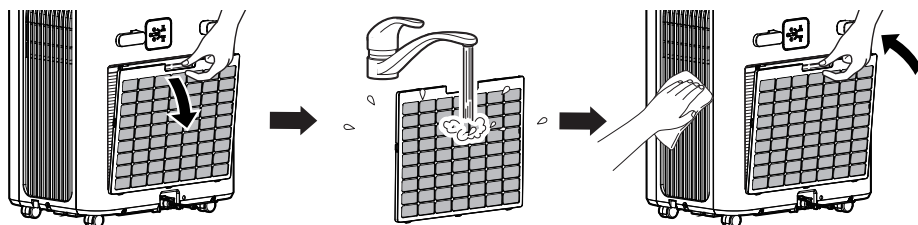
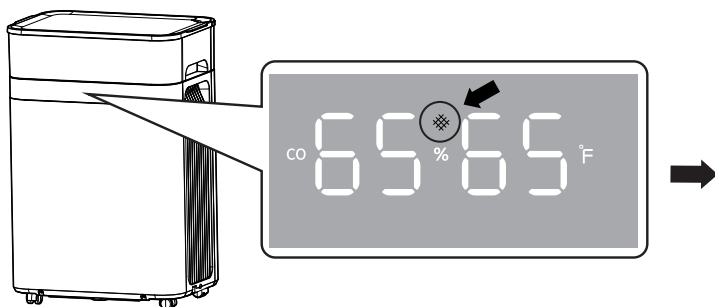


Figure 4

4. Filter Cleaning

Clean the filter regularly to maintain optimal performance.

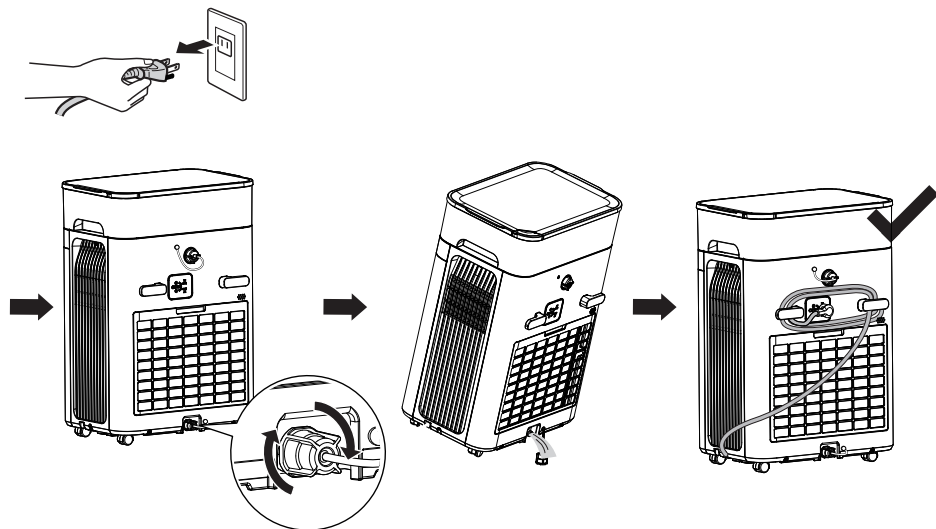
- When the filter-clean indicator  lights up, clean the filter as shown in the illustration.
- After cleaning the filter, press and hold the Fan Speed button  for 3 seconds to reset the filter cleaning timer.



OPERATING INSTRUCTIONS

5. Product Storage & Relocation (Recommended)

- Unplug the unit.
- Drain any remaining water: Open the bottom drain outlet to fully drain the unit.
- Wrap the power cord and store it in the cord slot.



FREQUENTLY ASKED QUESTIONS (REVISED)

a) Why is the dehumidification capacity different from the advertised value?

- Dehumidification performance varies depending on ambient temperature and humidity conditions.
- In high-humidity environments, the unit may remove moisture more quickly. In lower-humidity conditions, the dehumidification rate decreases.
- This behavior is normal and consistent with industry testing standards.

b) Why does the humidity displayed on the unit differ from my hygrometer?

- All humidity measurement devices have accuracy tolerances and may require periodic calibration. This unit uses a humidity sensor with an accuracy of $\pm 5\%$ RH.
- If your hygrometer has a different calibration offset (for example, reading higher while the unit reads lower), noticeable differences may occur.
- Humidity levels can also vary within a room. For the most accurate comparison, place your hygrometer near the unit's air inlet; readings should become more consistent.

c) Why is there water on the floor or on the unit?

- Similar to condensation forming on a cold beverage, moisture may condense on the exterior of the unit.
- Because the dehumidifier operates using refrigeration, its surface and base may become cooler than the surrounding air.
- In very high-humidity conditions, water droplets may form on the unit or nearby surfaces. This is normal and will subside as room humidity decreases during operation.

FREQUENTLY ASKED QUESTIONS (REVISED)

d) Why does the unit take a long time to reach the set humidity or fail to reduce humidity?

- Dehumidification capacity is limited by room size, airflow, and moisture infiltration.
- In large spaces or poorly sealed rooms, moisture from outside may continuously enter, preventing the unit from reaching the set humidity level.
- Ensure all doors and windows are fully closed for optimal performance.

E) Why is the water tank leaking?

- There may be foreign objects on the sealing silicone ring at the bottom of the water tank. Please clean the silicone ring thoroughly.

ERROR CODES

Error Code	Description	Symptom / Temporary Measures	Recommended Solution
E1	Ambient Temperature Sensor Fault	The unit cannot detect ambient temperature. Operation is limited to Continuous Mode, and Auto Mode is unavailable.	Continue operating in Continuous Mode and contact customer support.
E4	Water Sensor Fault	The water sensor indicates a fault, possibly due to a clogged drain hose or a faulty pump.	Please check drain hose first. If drain hose is not clogged, please contact customer support. Please use bottom drainage for temporary use.
E5	Fan Fault	Fan malfunction. The unit will stop operating.	Contact customer support.
E7	High Temperature Fault	Compressor over-temperature protection activated, possibly due to high ambient temperature or restricted airflow. The unit may automatically resume operation after internal protection resets.	Restart the unit after it cools down. Ensure adequate ventilation. If the error persists, contact customer support.
E8	Communication Fault	The control board cannot communicate with internal components. The unit will operate in Safe Mode, with dehumidification reduced by approximately 18%.	The unit may continue operating in Safe Mode. Contact customer support for service assistance.

SAFETY WARNINGS

WARNING for Using R32 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 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

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.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety

Children should be supervised to ensure that they do not play with the appliance

If the is damaged, it must be replaced by the manufacturer, its service agent or SUPPLY CORD similarly qualified persons in order to avoid a hazard



Refrigerant Safety
Group

A2L

SAFETY WARNINGS

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 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

SAFETY WARNINGS

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:
 - 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;
 - Purge the refrigerant circuit with oxygen free nitrogen;
 - 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 or brazing.
 - Purge the braze point with nitrogen during the brazing procedure required for repair.
 - Carry out a leak test before charging with refrigerant.

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.
 - 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 A2L 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.

SAFETY WARNINGS

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 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.

SAFETY WARNINGS

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. Intrinsically safe components must be replaced.

13.Cablling

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. 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 A2L);
- evacuate(optional for A2L);
- continuously flush or purge with inert gas when using flame to open circuit ;and
- open the circuit .

SAFETY WARNINGS

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:
 - 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).
- 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.

SAFETY WARNINGS

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

WARRANTY SUPPORT

2-Year Warranty Statement

Thank you for choosing our product. We are committed to delivering high-quality products and excellent customer service, offering you a 2-year warranty.

Warranty Coverage:

This warranty covers defects in materials or workmanship during normal use.

If any manufacturing defects occur within the warranty period, we will replace or refund.

NOTE: This warranty only applies to purchases from authorized brand online stores and our official website.

Warranty Period:

The warranty lasts for two years from the date of purchase.

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