

2500948

Local Air Conditioner



Please read all instructions carefully before use and retain for future reference.



Disconnect appliance from mains before cleaning, maintenance or after a thermal cut out event.



OVERLOAD PROTECTION

In the event of a power loss, to protect the compressor there is a 3 Min delay until the compressor will restart.



Do not use outdoors.



CAUTION Do not immerse in water.



Do not cover.



Caution Risk of fire R290



Appliance shall be installed, operated and stored in a room with a floor area larger than 9m²



Please read all instructions carefully before use and retain for future reference.

INTENDED USE Only operate the appliance for its intended purpose and within the parameters specified in this manual.

This appliance is for domestic use only. Do not use outdoors or on wet surfaces.

This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless supervised or given appropriate instruction concerning the product's use by a person responsible for their safety.

The appliance is not intended to be operated by means of an external timer or separate remote-control system.

GENERAL SAFETY Do not allow to be used as a toy. Children should be supervised to ensure they do not play with the appliance.

If the appliance is not functioning properly, has been dropped, damaged, left outdoors, or immersed in liquid, do not use, contact DOMU Brands Customer Services. Do not use the appliance if any parts appear to be faulty, missing or damaged.

Ensure all parts are securely attached as instructed by this instruction manual before use.

CABLES AND PLUGS Check to ensure your electricity supply matches that shown on the rating plate. This product should only be used as rated. Preferably, the socket outlet should be protected by a Residual Current Device RCD (UK/EU) Ground Fault Indicator (US).

Do not use with a damaged cable or plug. If the supply cable is damaged, it must be replaced by a qualified engineer or authorised service agent in order to avoid a hazard. The use of an extension cable is not recommended.

Do not handle the plug or appliance with wet hands.

Keep the cable away from heated surfaces.

Do not let the cable hang over the edge of the table or countertop where it could be pulled on inadvertently by children or pets.

Do not pull the cable around sharp edges or corners.

Do not leave unattended when plugged in. Unplug from outlet when not in use.

Turn off all controls before unplugging.

Do not unplug by pulling on the cable. To unplug, grasp the plug, not the cable.

Always unplug before performing user maintenance, connecting or disconnecting attachments, or changing accessories.

Ensure the cable is stored safely to prevent hazards.

RISK OF PERSONAL INJURY.

Always locate your appliance away from the edge of any worktop, on a firm, flat, heat-resistant surface with sufficient space around all sides.

Ensure that the appliance is at room temperature before operating.

The appliance is not intended to be operated by means of an external timer or separate remote-control system.

When using for the first time, your appliance may give off a 'new' smell. This will dissipate after a few uses.

Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.

Do not insert any object into openings or cover the appliance.

Do not obstruct the air inlets/outlets of the appliance.

Do not use in the following locations:-

- Next to a source of fire

- An area where oil is likely to splash

- An area exposed to direct sunlight

- An area where water is likely to splash

- Laundry or wet rooms where the humidity is higher than 85% RH.

- Near a bath, shower or a swimming pool

- In a greenhouse

- An area where flammable gases or liquids are present

Do not dry laundry above the unit to prevent water entering the Air Conditioner.

Place laundry at least 1 meter away from the Air Conditioner.

Do not lift or move the appliance whilst in use.

Do not leave the appliance unattended when plugged in.

Unplug from outlet when not in use, and before performing user maintenance, connecting or disconnecting attachments or changing accessories.

Do not operate continuously for periods longer than those marked on the product or indicated in the instructions.

Do not lubricate any parts, or carry out any maintenance or repair work other than that shown in this manual, or as advised by the DOMU Brands Customer Services.

Use only as described in this manual and do not exceed maximum capacity.

Use only DOMU Brands recommended attachments.

Failure to follow these instructions will invalidate any warranty.

Energy/Safety protection

Do not cover or restrict the air flow of the inlet/outlet grills.

For maximum performance ensure the minimum distance from walls or objects is be 20cm.

Keep filters and grills clean.

When in use do not open windows or doors. Place the unit of a hard/flat surface.

TECHNICAL SPECIFICATION

Rated Voltage **220-240V**

Rated Power **575W**

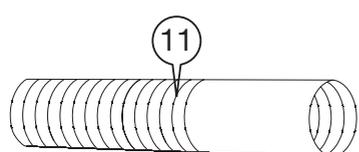
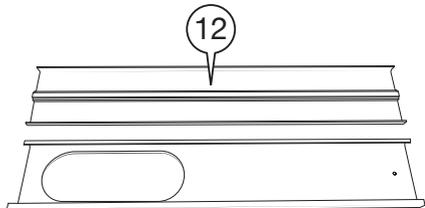
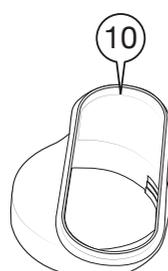
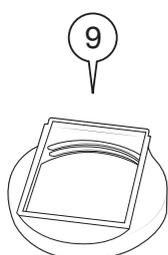
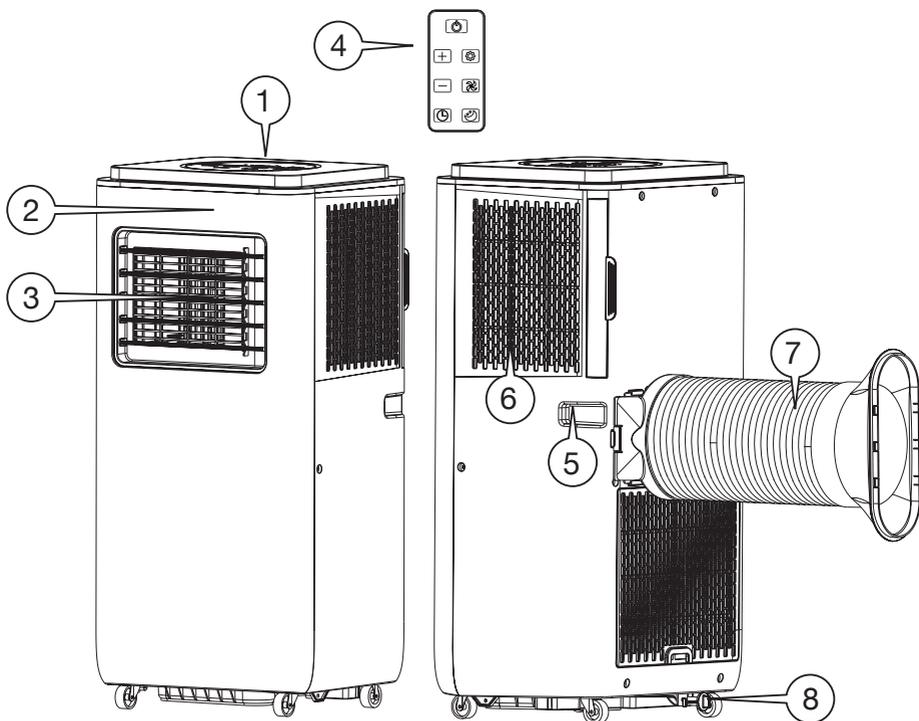
Rated Frequency **50Hz**

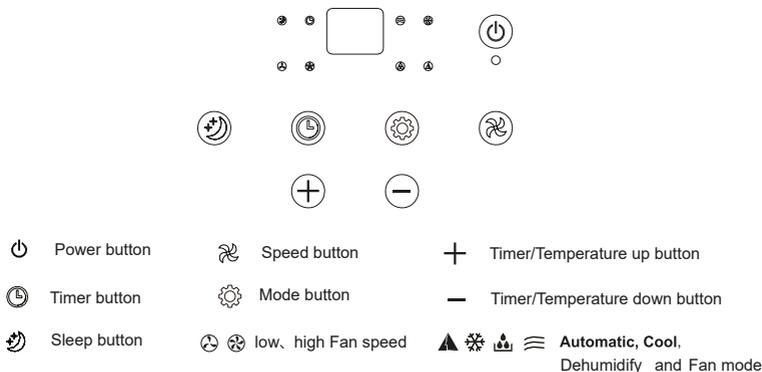
COMPONENT LIST / LISTE DES COMPOSANTS / KOMPONENTENLISTE /

1. Control Panel
2. Signal Receiver
3. Cold Air Outlet
4. Remote Control
5. Transportation Handle
6. Evaporator Air Intake
7. Air Outlet Hose
8. Primary Drain Port.

WINDOW KIT

9. Connector of Air Exhaust Duct
10. Window Exhaust Adapter.
11. Air Exhaust Duct.
12. Baffle Plates.
13. Wingnut /Washer/Bolt.





CONTENTS / CONTENU / INHALT / CONTENIDOS / CONTENUTO / CONTENIDO

POWER BUTTON:

Once the Unit has been connected to a suitable mains outlet, press this key to turn the Air Conditioner ON and OFF. When powered ON, the screen will display the room temperature and begin to operate in Automatic Mode.

SPEED BUTTON:

Press the Speed button once to select low speed . Press a second time to select the high speed .

ADJUST TEMPERATURE:

The temperature can be set within a range of 15°C to 31°C. Each press of the + or - button will increase/decrease the temperature by 1°C. The unit will display the target temperature for **5 seconds** and then display the room temperature.

MODE SELECTION:

Press the Mode button to cycle through and select a desired mode shown below -



Automatic, Cool, Dehumidify and fan mode. Please see below the working principle of each mode.

- 1. Automatic Mode selected, the indoor temperature sensor operates automatically to select the desired operation with or .
- 2. When the room temperature is above 24°C, the unit will automatically select .
- 3. When the room temperature is below 24°C, the unit will automatically select .

- 1. The up centrifugal fan will run at low speed, and the speed **cannot** be adjusted.
- 2. The compressor and down centrifugal fan will stop after running for 8 mins. It will begin to run again after 6 mins.
- 3. The Unit adopts constant temperature dehumidifying mode, and the adjustment of temperature is not affected.

- 1. When the room temperature is higher than set temperature, the compressor starts to run.
- 2. When the room temperature is lower than set temperature, the compressor will stop and the upper fan will operate at the original speed.

- 1. The fan runs at set speed, and the compressor does not run.
- 2. the adjustment of temperature is not affected.

- 1. Press 'Timer' button to set automatic off time while the unit is running.
- 2. Press 'Timer' button to set automatic on time while the unit is running.
- 3. The time can be adjusted within a range of **1 hour to 24 hours**. Press the + or - button to increase/decrease the time by 1 hour.

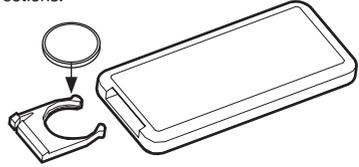
- 1. Sleep mode is only effective when the unit is under cool mode .
- 2. Press the sleep button when in cool mode , the unit will then work under sleep mode and the up centrifugal fan will automatically turn to low speed. The set temperature will increase 1°C after 1 hour and increase 2°C after 2 hours. After 6 hours, the unit will stop running.

INSTALLING THE BATTERY -

1. Open the back cover and take off the isolating film on the battery.
2. Insert the battery into the slot (with anode and cathode in the right directions).
3. Slide the cover back into the base of the remote control.

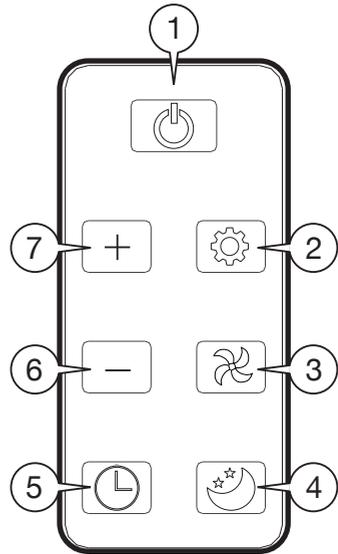
IMPORTANT!

1. The anode and cathode of the battery must be corresponding to the signs of '+' and '-' on the remote control.
2. Do not use new battery cells together with run-down cells.
3. When not in use for a long time, remove the battery.
4. To prevent environmental pollution, take out the used battery and dispose of safely and appropriately.

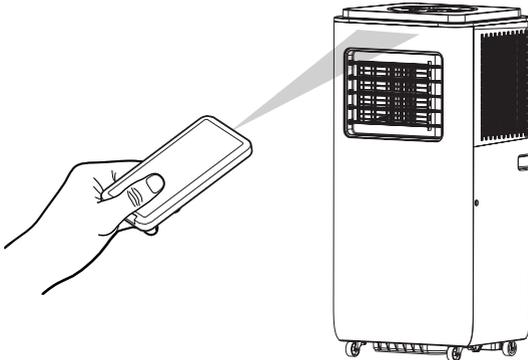


REMOTE CONTROL OPERATION -

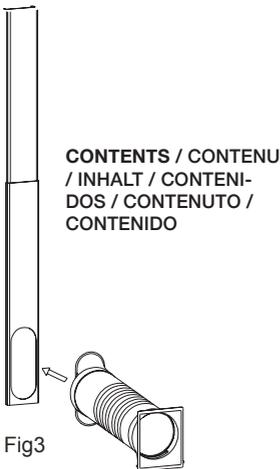
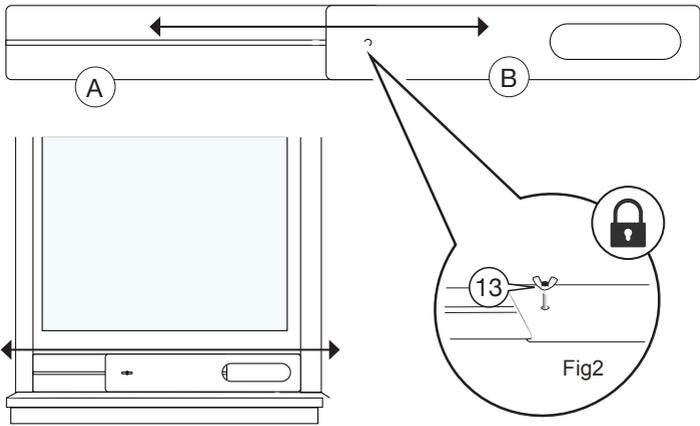
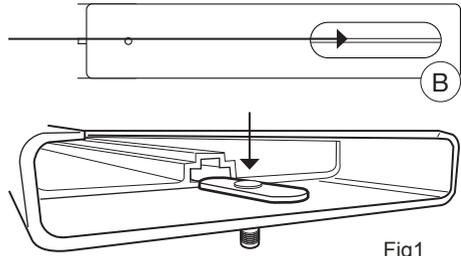
1. Power Button. Once the unit is connected to the mains outlet, press once to switch the unit on. Press a second time to switch off.
2. Mode selection Button. Press to cycle through Automatic, Cool, Dehumidify and fan mode.
3. Fan Button. Press to select either Low or High fan mode.
4. Sleep Mode Button. Press to select or cancel the sleep mode.
5. Timer Button. Used to set the automatic off or automatic on.
6. Decrease Button. Decrease the time or temperatures set.
7. Increase Button. Increase the time or temperature set.



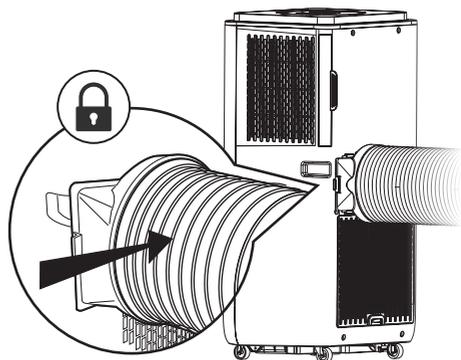
To use, simply aim the Remote Control towards the signal receptor at the top of the Main Unit. The Remote will only work within a distance of 5m (16.4ft) from the Air Conditioner Unit.

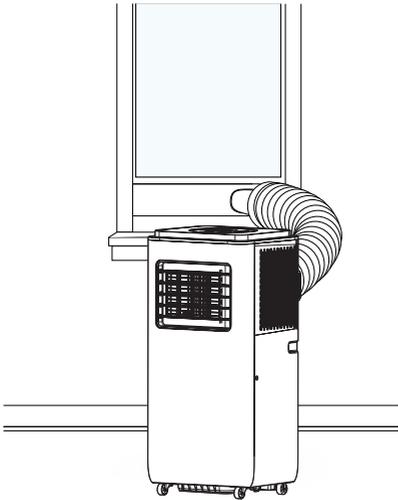


CONTENTS / CONTENU / INHALT / CONTENIDOS / CONTENUTO / CONTENIDO



CONTENTS / CONTENU / INHALT / CONTENIDOS / CONTENUTO / CONTENIDO





Position the Air Conditioner close to a window.

When choosing where to position the Air Conditioner, ensure that there is at least 50cm of space around the unit.

Open the window slightly to allow enough space for the Slide Bar to fit. For larger windows use the Extender to adjust the size of the Slide Bar.

A poorly positioned Air Conditioner will have little effect and will not work to its full potential. Ensure when in use all doors and windows are closed.

Do not force the castor wheels to move over carpet, or attempt to move the unit when it is in operation this may cause the tank to tip over and water to spill causing a hazardous environment.

CAUTION: Do not allow the Exhaust Hose to bend sharply. The Hose should be curved to allow smooth flow of air.

NOTE: The full length of the Exhaust Hose is 150cm. Keep the hose as short and as straight as possible for the best results.

The protective device may trip and stop the appliance in the cases listed below -

COOLING - Indoor air temperature is over 43°C or Room temperature is below 15°C.

DEHUMIDIFYING - Room temperature is below 15°C.

If the Air Conditioner runs in 'Cooling or Dry' mode with doors or windows opened for a long period of time when relative humidity is above 80%, dew may drip down from the outlet.

1 - The protective device will work in the following cases -

* Restarting the Unit at once after operation stops or changing mode during operation, you need to wait 3 minutes.

2 * If the plug is taken out, when you restart the appliance, it will return to the original mode, TIMER ON and TIMER OFF must be set again.

The self-evaporating system uses the collected water to cool the condenser coils for efficient performance.

There is no need to empty the drainage tank in cooling operation except when in drying mode and high humidity conditions.

The condensates water evaporates at the condenser and is drained through the exhaust hose.

For continuous operation or unattended operating in drying mode, please connect a drain hose to the unit.

Condensed water can be automatically flow into a bucket or drain by gravity. E4 will be displayed on the screen to remind you to drain the water.

CAUTION: Before cleaning please ensure that the machine is powered off and unplugged from the main socket.

To clean, remove both upper and lower filters by gently pulling until they unclip

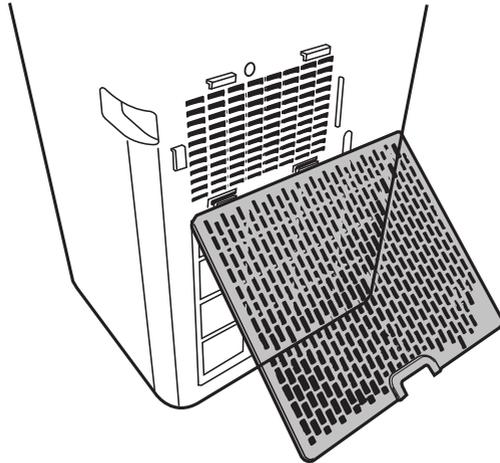
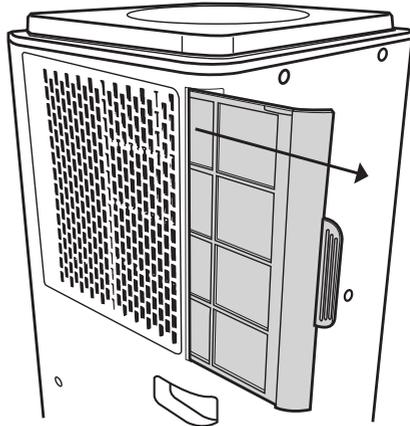
Using a soft bristle brush or vacuum cleaner, gently brush away any dust or dirt. If the filter is heavily dirty, wash with warm soapy water and leave to dry completely for 24hrs before re-inserting.

CAUTION: Do not use a wet filter. This can cause damage to the unit or even an electrical shock.

Clean the exterior using a damp cloth

To clean the Air Outlet use a soft bristle brush.

CAUTION: Do not attempt to access internal parts for cleaning or maintenance.



1. 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 minimized for repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

Work procedure

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

2. General work area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

3. Checking for presence of refrigerant

The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerant, i.e. non sparking, adequately sealed or intrinsically safe.

4. Presence of fire extinguisher

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

5. No ignition sources

No person carrying out work in relation to a refrigerant system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. "No Smoking" signs shall be displayed.

6. 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.

7. Checks to the refrigeration equipment

Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance.

The following checks shall be applied to installations using flammable refrigerants:

- the charge size 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

8. Checks to electrical devices

Repair and maintenance to electrical components shall include initial safety checks and components inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised.

Initial safety checks shall include:

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

9. Repairs to sealed components

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.

Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc.

Ensure that apparatus is mounted securely.

Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

NOTE: The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

10. 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 components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating.

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

11. 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.

12. Leakage detection for 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.

13. Leak detection methods

The following leak detection methods are acceptable for systems containing flammable refrigerant.

Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need recalibration (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that detector is not a potential source of ignition and is suitable for the refrigerant used.

Leak detection fluids are 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 leak of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

14. Removal and evacuation.

When breaking into the refrigerant circuit to make repairs-or for any other purpose-conventional procedures shall be used. However, it is important that best practice is followed since Flammability is a consideration. The following procedure shall be adhered to:

Remove refrigerant;

Purge the circuit with inert gas;

Evacuate;

Purge again with inert gas;

Open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be "flushed" with OFN to render the unit safe. This process may need to be repeated several times. Compressed air or oxygen shall not be used for this task.

Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system. When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.

This operation is absolutely vital if brazing operations on the pipework are to take place. Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

15. Refrigerant 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 minimize the amount of refrigerant contained in them.

-Cylinders shall be kept upright.

-Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.

-Label the system when charging is complete (if not already).

-Extreme care shall be taken not to overfill the refrigeration system.

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

to original specification, damage to seals, incorrect.

16. Decommissioning

Before carrying out this procedure, it is essential that 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 reuse of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.

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 repaired, 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 manufacturer's 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 refrigeration system unless it has been cleaned and checked.

17. Labelling

Equipment shall be labelled stating that it has been decommissioned and emptied of refrigerant. The label shall be dated and signed. Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

18. Recovery

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.

When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge are available. All cylinders to be used are designed for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs.

The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants.

In addition, a set of calibrated weighing scales shall be available and in good work order. Hoses shall be complete with leak-free disconnect couplings and in good condition.

Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt.

The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.

If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely.

19. Transport of equipment containing flammable refrigerants.

Determined by local regulations.

20. Discarded appliances supplies flammable refrigerants.

See National Regulations.

21. Storage package (unsold) equipment

Storage package protection should be constructed such 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.

Symptom	Inspection	Solution
The unit is not operating	Check the power connection in securely.	Insert the power cord securely into the wall Outlet.
	Check if the water level indicator lights up?	Empty the drain pan by remove the rubber plug.
	Check the room temperature.	The range of operating temperature is 5-35°C.
The unit works with reduced capacity	Check the air filter for dirt.	Clean the air filter as necessary.
	Check if the air duct is blocked.	To clear the obstacle.
	Check if the room door or window is open.	Keep the door and windows closed.
	Check if the desired operating mode is selected and the temperature is properly set.	Set the mode and temperature at proper set-point according the manual.
	The exhaust hose is detached.	Make sure the exhaust hose is securely attached.
Water leakage	Overflow while moving the unit.	Empty the water tank before transport.
	Check if the drain hose is kinked or bends.	Straighten the hose to avoid a trap existing.
Excessive noise	Check if the unit is securely positioned.	Place the unit on horizontal and firm ground.
	Check if any loose, vibrating parts.	Secure and tight the parts.
	Noise sounds like water flowing.	Noise comes from flowing refrigerant. This is normal.

Symptom	Inspection	Solution
No cold air under COOLING mode	Room temp lower than set temp.	This is completely normal, the Unit will automatically switch while thee room temp is higher than the set temp.
	Unit in anti-frost protection	The Unit will automatically switch after the anti-frost protection is over.
LED displays failure code 'E2'	Room temp sensor has failed or damaged	Replace the room temperature sensor.
LED displays failure code 'E3'	The evaporator coil pipe sensor has failed or damaged.	Have the evaporator coil pipe sensor replaced.
LED displays failure code 'E4'	Water full warning.	Drain the excess water from the drainage port using a drainage hose or large container.



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DISPOSAL INFORMATION Please recycle where facilities exist. Check with your local authority for recycling advice.

CUSTOMER SERVICE If you are having difficulty using this product and require support, please contact support@domu.co.uk

WARRANTY To register your product and find out if you qualify for a free extended warranty please go to www.vonhaus.com/warranty.

Please retain a proof of purchase receipt or statement as proof of the purchase date. The warranty only applies if the product is used solely in the manner indicated in the warnings page of this manual, and all other instructions have been followed accurately. Any abuse of the product or the manner in which it is used will invalidate the warranty. Returned goods will not be accepted unless re-packaged in its original packaging and accompanied by a relevant and completed returns form. This does not affect your statutory rights. No rights are given under this warranty to a person acquiring the appliance second-hand or for commercial or communal use.

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