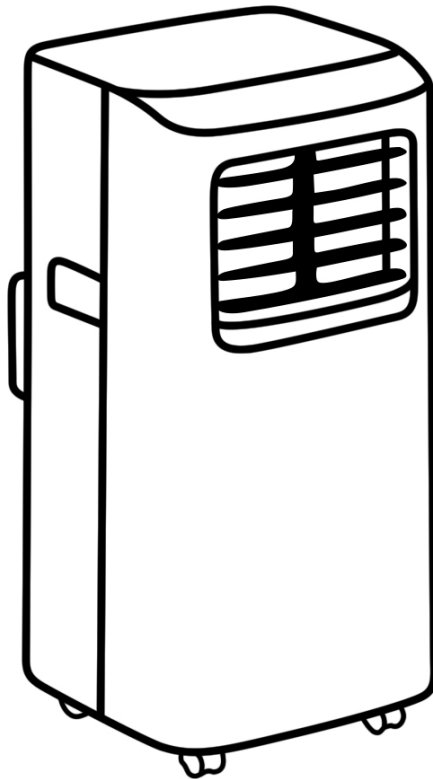


air pro

5000 BTU AIR CONDITIONER



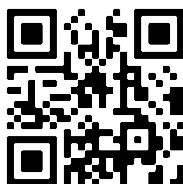
AP0319

AIRPROHOME.COM

**PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE
USE & RETAIN THIS MANUAL FOR FUTURE REFERENCE.**

This product comes with a standard 1 year manufacturer
warranty.

This can be extended up to 2 years by scanning below.



TECHNICAL DATA

Rated Power – 575W

Rated Voltage – 220-240V~

Rated Frequency – 50Hz

Dehumidification Capacity – 27L / Day

Net Weight – 16kg

Gross Weight – 19kg

Suitable For – 6-8m²

Model – A019-05KR2/G

SAFETY WARNINGS

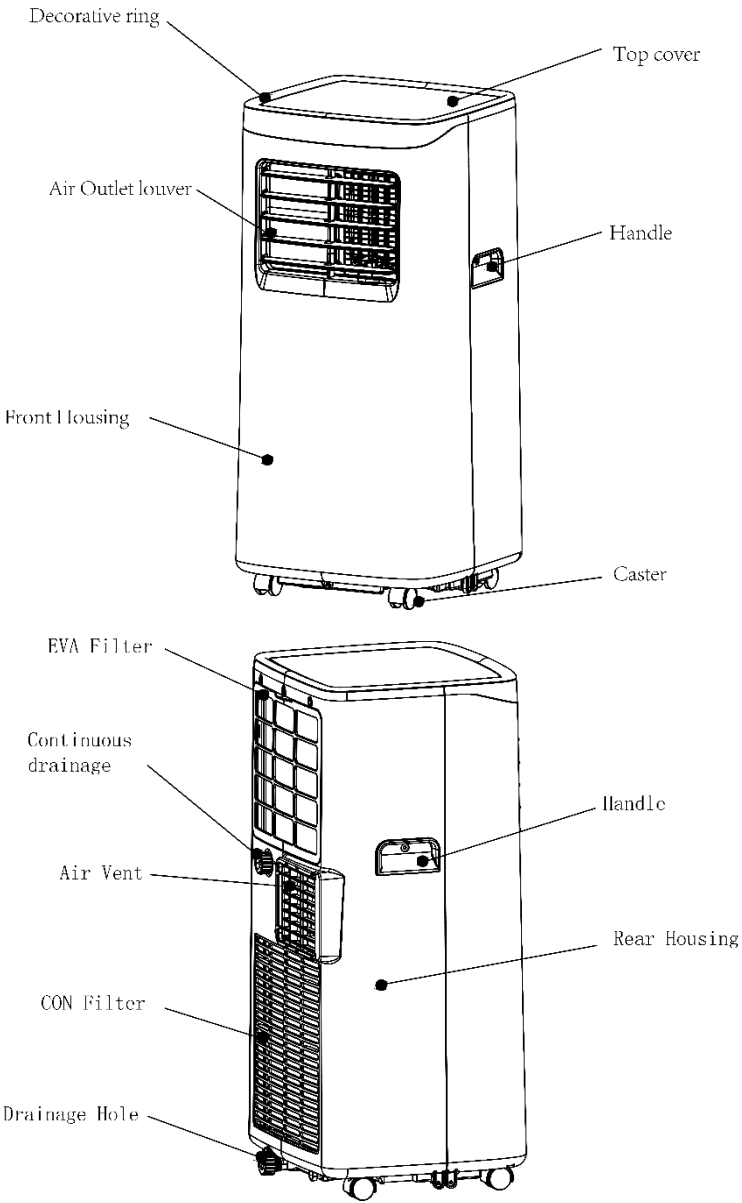


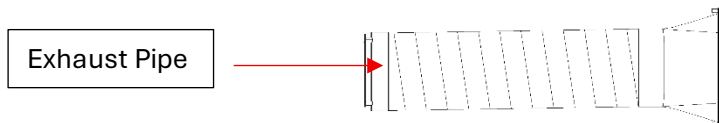
1. Do not use any methods to accelerate the
2. defrosting process or to clean the appliance other than those recommended by the manufacturer.
3. The appliance must be stored in a room without continuously operating ignition sources (for example: open flames, operating gas appliances, or electric heaters).
4. Do not pierce or burn the appliance.
5. Be aware that refrigerants may be odourless.
6. The appliance must be installed, operated, and stored in a room with a floor area larger than 6 m².
7. Keep all required ventilation openings clear of obstruction.

8. Servicing must be performed only as recommended by the manufacturer.
9. The appliance must be stored in a well-ventilated area where the room size corresponds to the area specified for operation.
10. Any person working on or accessing the refrigerant circuit must hold a valid certificate issued by an industry-accredited authority. This certificate confirms their competence to safely handle refrigerants in accordance with recognised industry standards.
11. Maintenance and servicing must only be performed as recommended by the manufacturer.
12. Maintenance or repair requiring assistance from other skilled personnel must be carried out under the supervision of a person qualified in handling flammable refrigerants.
13. Any procedures affecting safety components must only be carried out by competent and qualified personnel.
14. Children must not play with the appliance.
15. Cleaning and maintenance must not be performed by children.

16. If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified personnel to avoid hazards.
17. The appliance must be installed in accordance with national wiring regulations.
18. Do not operate the air conditioner in wet environments such as bathrooms or laundry rooms.

PRODUCT OVERVIEW





USAGE & INSTALLATION INSTRUCTIONS

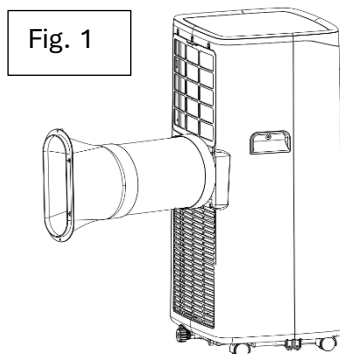
WARNING: before using this air conditioner, keep it upright for at least two hours before use.

This air conditioner can be easily moved around the room. During transport, ensure that the unit remains in an upright position and is placed on a flat surface. Do not install or use the air conditioner in bathrooms or other humid environments.

Installing the Exhaust Pipe Assembly

Remove the outer connector assembly and the exhaust pipe assembly from the packaging, and take off the plastic bags.

Straighten one end of the folded exhaust pipe (approximately 5cm).



Screw the outer connector clockwise onto the exhaust pipe (as shown in Figure 1). Then insert the joint end of the exhaust pipe into the slot of the exhaust outlet on the rear panel by pushing it to the left.

Installation of the Window Sealing Plate Assembly

Open the window halfway and install the window sealing plate assembly onto the window (as shown in Fig. 2 and Fig. 3). The components can be installed either horizontally or vertically.

Extend the different sections of the window sealing plate assembly and adjust the length so that both ends of the assembly fit securely against the window frame. Then fasten the components to fix the assembly in place.

Notes:

The flat end of the exhaust pipe connector must be securely snapped into place.

The exhaust pipe must not be twisted or sharply bent (no bends greater than 45°). Ensure that the exhaust pipe remains unobstructed to allow proper ventilation.

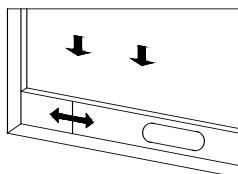


Fig. 2

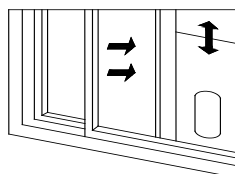
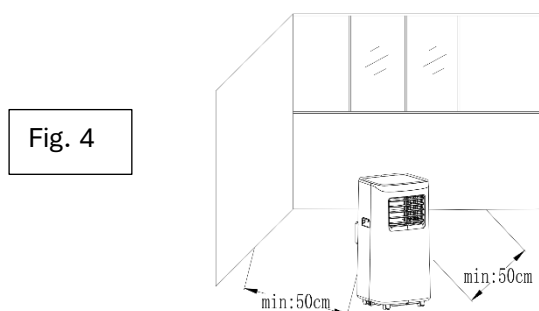


Fig. 3

Installing the Unit

Move the unit with the exhaust pipe and fittings already installed to a position near the window. Ensure that the distance between the unit and walls or other objects is at least 50 cm (as shown in Fig. 4).



Extend the exhaust pipe and snap the flat end of the exhaust pipe connector into the opening of the window sealing plate assembly (as shown in Fig. 5 and Fig. 6).

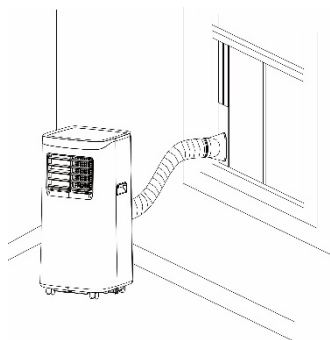


Fig. 5

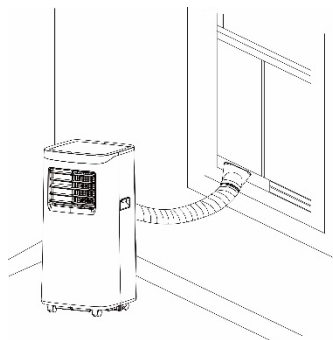


Fig. 6

Notes:

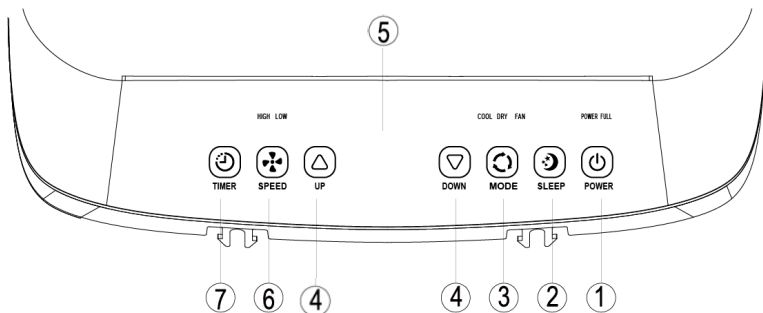
The flat end of the exhaust pipe connector must be securely snapped into place.

The exhaust pipe must not be twisted or sharply bent (no bends greater than 45°). Ensure that the exhaust pipe is not blocked and that ventilation remains unobstructed.

The length of the exhaust hose should be 28–150cm, in accordance with the air conditioner's specifications. Do not extend the hose or replace it with a different type of hose, as this may cause the unit to malfunction.

Ensure that the exhaust pipe is not blocked, as obstruction may cause the unit to overheat.

CONTROL SETTINGS



1. Power

Press this key to turn the machine on or off.

When the machine is off, press the key to turn it on, or when the machine is on, press this button to turn it off.

When the machine is powered on for the first time, a buzzer will beep and the machine will enter into standby mode.

2. Sleep Mode

When the machine is on, press the Sleep button to enter sleep mode.

3. Mode Selection

When the machine is on, press this button to switch between the following modes: Cooling → Dehumidifying → Fan → Cooling.

4. Up & Down

Press these buttons to adjust the set temperature or timer.

Temperature setting:

Press the Up or Down button to select the desired temperature (not available in Fan or Dehumidifying mode).

Timer setting:

Press the Up or Down button to select the desired time duration when setting a timer.

5. Display Board

Displays the current settings and operating status of the machine.

6. Wind Speed Selection

In Cooling and Fan modes, press this button to select High or Low fan speed.

Due to anti-cold protection conditions, the unit may not always operate at the selected fan speed.

In Dehumidifying Mode, this button is inactive and the fan will automatically operate at low speed.

7. Timer

When the machine is on, press this button to set the auto-off timer.

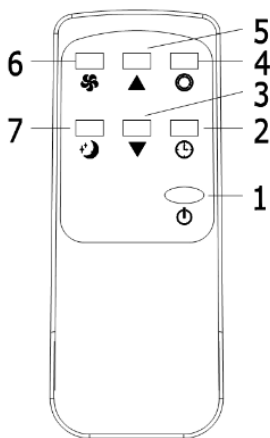
When the machine is off, press this button to set the auto-on timer.

Press and hold the button until the timer symbol flashes, then press the Up or Down button to select the desired time.

The timer can be set from 1 to 24 hours, and the value increases or decreases in 1-hour increments.

REMOTE CONTROL

1. Power: Press the  button to turn the machine on or off.
2. Timer: press the  button to set an automatic timer.
3. Down: press the  button to reduce temperature & timing set value.
4. Mode: press the  button to switch between cooling, fan & dehumidifying mode.
5. Up: press the  button to increase temperature and timing set value.
6. Fan: press the  button to select high or low wind speed.
7. Sleep Mode: Press the  button to turn on sleep mode.



PROTECTION FEATURES

Frost Protection Function

In Cooling, Dehumidifying, or Economic Power-Saving Mode, if the temperature of the exhaust pipe becomes too low, the machine will automatically enter protection mode.

When the exhaust pipe temperature rises to a normal level, the machine will automatically resume normal operation.

Overflow Protection

When the water in the internal water container exceeds the set amount, the machine will automatically sound an alarm and the “FULL” indicator light will flash on the machine.

At this point, the water must be drained from the machine. Connect the drainage pipe to the machine’s drain outlet and direct it to a sewer or another suitable drainage area to remove the water (see Drainage Instructions at the end of this chapter for details).

Once the water has been drained, the machine will automatically return to normal operation.

Compressor Protection Function

To extend the service life of the compressor, the unit includes a 3-minute delay protection function. After the compressor is turned off, it will not restart for approximately 3 minutes.

DRAINAGE INSTRUCTIONS

This machine supports two drainage methods: Manual Drainage and Continuous Drainage.

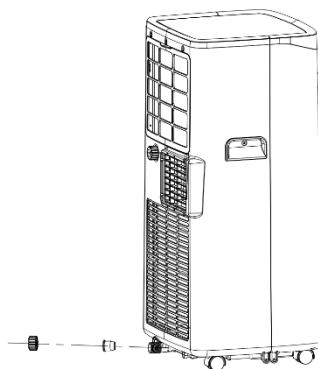
Manual Drainage

When the machine stops due to a full water tank, turn off the power and unplug the power cord.

Move the machine carefully to avoid spilling any water remaining in the water container at the bottom of the unit.

Place a suitable water container (approx.. 1L) below the drain outlet located on the rear side of the unit.

Unscrew the drain cover and remove the water plug. The water will flow into the container.



NOTES:

- Keep the drain cover and water plug in a safe place during drainage to avoid losing them.
- During drainage, the unit may be tilted slightly backwards to help the water flow out completely.
- If the water container cannot hold all the drained water, insert the water plug back into the drain outlet before the container becomes full to prevent water from spilling onto the floor or carpet.

- After the water has been fully drained, reinstall the water plug and tighten the drain cover securely.

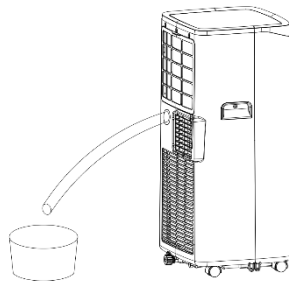
IMPORTANT:

Before restarting the machine, ensure that the water plug and drain cover are properly installed. Otherwise, condensed water from the unit may leak onto the floor or carpet.

Continuous Drainage

Continuous drainage is only available in Dehumidifying Mode.

1. Unscrew the drain cover and remove the water plug from the drain outlet.
2. Insert the drainage hose into the drain outlet.
3. Place the other end of the drainage hose into a suitable bucket or drainage container to allow water to drain continuously.



WiFi / SMART HOME CONNECTIVITY

This appliance allows you to operate the appliance via your home network.

A prerequisite is a permanent Wi-Fi connection to your router and the free app “Smart Life - Smart Living” .

The Smart Life app is available for android and iOS.
Scan the corresponding QR code below to get directly to the download page from the relevant app store.



Google Play



Apple App Store

You can easily access all functions of the appliance via the app. Since the app is continuously updated, a detailed description of all features is not provided here.

Safety Recommendation:

To prevent unintentional operation while away from home, disconnect the appliance from the power supply when you are not at home.

System Requirements

iOS: version 8.0 or higher

Android: version 4.4 or higher

CONNECTING VIA THE APP

1. Install the “Smart Life – Smart Living” app and create a user account.
2. Activate the Wi-Fi function in the appliance settings.
3. Place the air-conditioning appliance within approximately 5 meters of your router.
4. Ensure the air conditioner is in standby mode. The Wi-Fi/POWER indicator on the control panel will blink quickly.
5. Press and hold the SPEED button for approximately 5 seconds to activate pairing mode.
6. If the indicator blinks slowly, repeat this step.
7. Open the app and select “+” to add a new device.
8. Choose the “Air Conditioner” menu and follow the on-screen instructions.
9. Successful connection is indicated by the Power indicator remaining steadily lit. The appliance can now be fully operated via the app.

NOTES:

The appliance is compatible only with 2.4 GHz Wi-Fi networks, 5 GHz routers are not supported.

The appliance can connect to only one network at a time. This network connection cannot be turned off.

TROUBLESHOOTING

Problem	Reason	Solution
The Air Conditioner Doesn't Work	No Power Supply	Connect the unit to a working power socket & turn it on
	The display indicates "FL"	The water tank is full, drain the unit
	The ambient room temperature is too low or too high	Use this unit only within the recommended temperature range of 7-35°C
	In cooling mode, the room temperature is lower than the set temperature	Adjust the set temperature to be lower than the room temperature.
Poor Cooling Performance	The unit is exposed to direct sunlight	Move the unit away from direct sunlight
	Doors or windows are open, there are too many people in the room, or there are other working heat sources	Close doors / windows and / or reduce heat sources in the room
	The filter screen is dirty	Clean the filter screen regularly, or replace it.
	The air inlet or outlet is blocked	Remove any obstructions from the inlet / outlets.
Excessive Noise	The unit is not placed on a flat surface	Place the air conditioner on a stable, flat, hard surface
Compressor does not work	Overheat protection has been activated	Wait around 3 minute for the unit to cool down, and then restart it.
The remote control does not work	The distance between the remote control and the unit is too far	Move the remote control closer to the unit
	The remote control is not aligned with the receiver	Aim the remote control directly to the receiver
	Batteries are depleted	Replace the unit batteries
Display shows "E1"	Room temperature sensor malfunction	Contact Support
Display shows "E2"	Pipe temperature sensor malfunction	Contact Support

Note: If you encounter errors or issues not listed above, please contact our customer support team directly.

MAINTENANCE, CLEANING & DISPOSAL

CAUTION: Before Cleaning, switch off the air conditioner and disconnect it from the power socket.

Vacuum-clean the vents to remove dust and debris from these areas.

To remove dust on external surfaces, wipe the air conditioner with a clean lint-free cloth

CAUTION: Do **NOT** use any harsh detergent or abrasive cleaners.

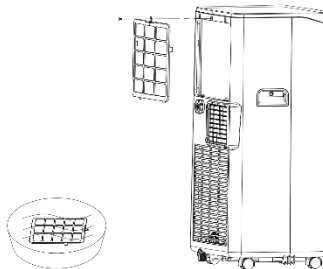
WARNING! Do **NOT** spray with liquids or submerge in any liquid or water.

WARNING! Do **NOT** attempt to clean the inside of the air conditioner.

Do **NOT** attempt to open the casing at any time. There are no user serviceable parts inside.

Cleaning the Filter Screen

If the filter screen becomes clogged with dust, the cooling performance of the unit may be reduced. To maintain optimal performance, **clean the filter screen every two weeks.**



Cleaning the Upper Filter Frame

1. Use a screwdriver to **remove the screw** securing the **EVA filter screen** to the back panel of the unit.
2. Remove the **EVA filter screen**.
3. Wash the filter in **warm water (about 40°C / 104°F)** with a **neutral detergent**.
4. Rinse thoroughly and allow the filter to **dry naturally in a shaded area** before reinstalling it.

Long Term Storage

1. Unscrew the drain cover, remove the water plug, and drain the water from the internal water pan into a container. The unit may also be carefully tilted to empty the remaining water.
2. Turn on the unit and set it to Low Fan Mode. Allow it to run until the internal drainage system is dry. This helps keep the inside of the unit dry and prevents mildew.
3. Turn off the unit and unplug the power cord. Wrap the power cord around the cord storage hook, then reinstall the water plug and drain cover.
4. Remove the exhaust hose and store it properly.
5. Cover the air conditioner with a plastic bag and store it in a dry location, out of reach of children. Take appropriate dust protection measures.
6. Remove the batteries from the remote control and store them separately.

Note:

Ensure the unit is stored in a **dry place**, and keep all components of the machine together for future use.

IMPORTANT SAFETY NOTICE:

Do **NOT** repair or disassemble the air conditioner yourself.

Repairs carried out by unqualified personnel may:

- Void the product warranty
- Cause injury or death
- Cause property damage.

ONLY QUALIFIED TECHNICIANS should service or repair this appliance, using the below guidance.

Information on Servicing:

1. Checks to the Area

Before beginning work on systems containing flammable refrigerants, safety checks must be carried out to minimise the risk of ignition in the surrounding area.

2. Work Procedure

Work must be carried out using a **controlled procedure** to minimise the risk of flammable gas or vapour being present during servicing.

3. General Work Area

All maintenance personnel and others working in the surrounding area must be informed of the work being carried out.

- Avoid working in confined spaces.

- The area around the workspace should be clearly sectioned off.
- Ensure the environment is safe and free from flammable materials.

4. Checking for the Presence of Refrigerant

The area must be checked with an appropriate **refrigerant detector** before and during work to ensure technicians are aware of any potentially flammable atmosphere.

Ensure the leak detection equipment:

- Is suitable for use with flammable refrigerants
- Is **non-sparking**
- Is adequately sealed or **intrinsically safe**

5. Presence of Fire Extinguisher

If any **hot work** is carried out on refrigeration equipment or related components, suitable fire extinguishing equipment must be available.

Keep either:

- A **dry powder fire extinguisher**, or
- A **CO₂ fire extinguisher**

near the charging area.

6. No Ignition Sources

No person performing work on refrigeration systems that contain or previously contained **flammable refrigerant** may use ignition sources that could cause fire or explosion.

Possible ignition sources must be kept far away from the work area, including:

- Open flames
- Sparks
- Cigarette smoking

“No Smoking” signs must be displayed.

Before work begins, inspect the area to ensure there are **no ignition risks or flammable hazards**.

7. Ventilated Area

Ensure the work area is either:

- Outdoors, or
- Adequately ventilated.

Ventilation must remain active throughout the service procedure so that any released refrigerant is safely dispersed, preferably to the outside atmosphere.

8. Checks to the Refrigeration Equipment

When replacing electrical components, ensure they:

- Are suitable for the application

- Meet the correct specifications

Always follow the **manufacturer's maintenance guidelines**.

If unsure, consult the manufacturer's technical department.

For systems using **flammable refrigerants**, verify that:

- The refrigerant charge size matches the room size.
- Ventilation systems and outlets operate correctly and are not blocked.
- Secondary circuits are checked for refrigerant (if indirect systems are used).
- Equipment markings remain **visible and legible**.
- Refrigerant pipes and components are positioned to prevent corrosion exposure unless they are corrosion-resistant or properly protected.

9. Checks to Electrical Devices

Repairs and maintenance to electrical components must include **initial safety checks and component inspections**.

If a fault exists that may compromise safety:

- The electrical supply must **not be connected** until the fault is corrected.

If immediate repair is not possible but operation must continue, a **temporary safe solution** may be used.

The equipment owner must be informed.

Initial Safety Checks

Ensure that:

- Capacitors are **fully discharged** to prevent sparking.
- No **live electrical components or wiring** are exposed during charging, recovery, or purging.
- Proper **earth continuity** is maintained.

REPAIRS TO SEALED COMPONENTS

Before removing sealed covers or components:

- Disconnect **all electrical power supplies**.

If power must remain connected for servicing, a **permanent leak detection system** must be installed at the most critical location.

When working on electrical components, ensure the casing protection level is not compromised.

Check for:

- Damaged cables
- Excessive connections
- Incorrect terminals
- Damaged seals
- Incorrect gland fittings

Also ensure:

- Equipment is securely mounted.
- Sealing materials have not degraded.

Replacement parts must follow the **manufacturer's specifications**.

Note:

Silicone sealants may interfere with some leak detection equipment.

Intrinsically safe components do **not require isolation** before servicing.

REPAIR OF INTRINSICALLY SAFE COMPONENTS

Do not apply permanent **inductive or capacitive loads** without confirming they remain within permitted voltage and current limits.

Intrinsically safe components are the **only components that may be serviced while live** in a flammable atmosphere.

Testing equipment must be rated correctly.

Replace parts **only with manufacturer-approved components**, as unsuitable parts may ignite refrigerant in the event of a leak.

CABLING:

Ensure cabling is protected from:

- Wear
- Corrosion
- Excessive pressure
- Vibration
- Sharp edges
- Environmental damage

Also consider **aging effects and constant vibration** from compressors or fans.

DETECTION OF FLAMMABLE REFRIGERANTS

Never use ignition sources to locate refrigerant leaks.

Devices that must **not be used** include:

- Halide torches
- Any detector using a naked flame.

LEAK DETECTION METHODS

Acceptable leak detection methods include:

Electronic Leak Detectors

Electronic detectors may be used but must:

- Be calibrated in a refrigerant-free area
- Be suitable for flammable refrigerants
- Not act as ignition sources

Detectors must be set to a maximum of 25% of the Lower Flammability Limit (LFL).

Leak Detection Fluids

Leak detection fluids are acceptable for most refrigerants.

However, **chlorine-based detergents must not be used**, as chlorine may react with refrigerants and corrode copper pipes.

If a leak is suspected:

- Remove or extinguish all open flames immediately.

If brazing is required:

- Recover all refrigerant from the system, or
- Isolate refrigerant away from the repair location.

Purge the system with **Oxygen-Free Nitrogen (OFN)** before and during brazing.

REMOVAL AND EVACUATION

When opening the refrigerant circuit for repair, follow this procedure:

1. Remove refrigerant.
2. Purge the circuit with inert gas.
3. Evacuate the system.
4. Purge again with inert gas.
5. Open the circuit by cutting or brazing.

Refrigerant must be recovered into **approved recovery cylinders**.

The system must be flushed using **OFN** to make the unit safe. This process may need to be repeated.

Never use **compressed air or oxygen**.

Ensure:

- The vacuum pump outlet is not near ignition sources.
- Adequate ventilation is available.

CHARGING PROCEDURES

In addition to normal charging procedures:

- Prevent contamination between different refrigerants.
- Keep hoses and lines **as short as possible**.
- Cylinders must be kept **upright**.
- Ensure the system is **properly earthed** before charging.
- Label the system once charging is completed.
- Avoid overfilling the system.

Before recharging:

- Pressure test the system using **OFN**.
- Perform a leak test after charging but before commissioning.
- Conduct a final leak test before leaving the installation site.

DECOMMISSIONING

Before starting decommissioning work, technicians must fully understand the equipment.

Best practice recommends **recovering all refrigerant safely**.

Before beginning:

- Take oil and refrigerant samples if analysis may be required.

Decommissioning Steps

1. Familiarise yourself with the equipment.
2. Isolate the system electrically.
3. Ensure:
 - Handling equipment is available
 - Personal protective equipment (PPE) is used
 - A competent person supervises recovery
4. Pump down the refrigerant system if possible.
5. If a vacuum cannot be achieved, use a manifold to remove refrigerant from different system sections.
6. Place the cylinder on **scales before recovery**.
7. Start the recovery machine according to manufacturer instructions.
8. Do not exceed **80% cylinder capacity**.
9. Do not exceed the cylinder's maximum pressure.
10. After completion:
 - Remove cylinders and equipment
 - Close all isolation valves.

Recovered refrigerant must **not be reused** unless properly cleaned and tested.

LABELLING

Equipment must be labelled stating:

- It has been **decommissioned**
- Refrigerant has been **removed**

Labels must be **dated and signed**.

Also ensure labels clearly indicate that the equipment **contains flammable refrigerant**.

REFRIGERANT RECOVERY

When removing refrigerant for servicing or decommissioning:

- Use **approved refrigerant recovery cylinders** only.
- Ensure enough cylinders are available for the full system charge.
- Cylinders must include:
 - Pressure relief valves
 - Shut-off valves

Empty cylinders must be:

- Evacuated

- Cooled if possible before recovery begins.

Recovery equipment must:

- Be in good condition
- Be suitable for **flammable refrigerants**
- Include calibrated weighing scales
- Use leak-free hoses and connectors

Recovered refrigerant must be returned to the **refrigerant supplier** in the correct recovery cylinder.

Do **not mix refrigerants** in recovery cylinders.

If compressors or compressor oils are removed:

- Ensure they are evacuated so flammable refrigerant is not trapped in the lubricant.

Use **electric heating only** if heating the compressor body is required.

Oil removal must always be carried out **safely**.

Where possible, please recycle this appliance at end of life.
Check with your local authority for recycling advice and facility locations.



If further assistance is required, or you face difficulty when using this device, please contact our support team by emailing support@airprohome.com

You can also contact us by scanning the QR Code below

