4 -in-1 Smart Monobloc Wall-Mounted Air Conditioning Unit 10,000/12,000Btu/hr - White



Models: DH432 / DH433

Important Information

Please read these instructions carefully. Note the safe operational requirements, warnings & cautions. Use the product correctly and with care for the purpose for which it is intended. Failure to do so may cause damage and/or personal injury and will invalidate the warranty. Keep these instructions safe for future use.

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1. Introduction

Thank you for purchasing a Baridi product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

1.1 Intended Use

Wall-mounted monobloc air-conditioning unit intended for cooling, heating and dehumidifying a single room without needing an outdoor condenser, making it suitable for spaces where external units are impractical or not permitted.

1.2 Description

These 4-in-1 units offer cooling, heating, ventilation and dehumidifying functions in a single, ultra-slim, easy-to-install body. Featuring high-efficiency inverter technology, delivering reduced energy consumption and quieter operation, along with an A energy rating for cooling and A+ for heating. Each model operates within a wide 0-43°C temperature range and provides four adjustable fan speeds, an LED display, a 24hr timer and supplied with a remote control for convenient operation. Both models are fully WiFi-enabled through the TUYA Smart Life app, allowing seamless smart-home integration and include a water-full alarm with automatic stop for added protection. Features built-in leak detection system for added safety.

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Country of origin: China.

2. Specifications

Model	DH432	DH433
CO2 Equivalent	0.00087t	0.00087t
Rated Capacity	2.93kW (Cooling)	3.5kW (Cooling)
	2.63kW (Heating)	2.93kW (Heating)
Discharge Side Pressure	0.8/2.8MPa	0.8/2.8MPa
Electrical Class	I	I
Energy Class	A for AC Cooling	A for AC Cooling
	A+ for Heating	A+ for Heating
Exhaust Hose Length	0.45m	0.45m
Fuse Rating (plug)	13A	13A
Fuse Rating (PCB)	15A	15A
Global Warming Potential (Rating)	T1	T1
Mass	290g	290g
Maximum Airflow	500m3/hr (Cooling)	520m3/hr (Cooling)
	520m3/hr (Heating)	520m3/hr (Heating)
Maximum Water Extraction Rate	1L/hr	1.2L/hr
Weight	42.5kg	44kg
Power	1120W Cooling	1350W Cooling
	730W Heating	815W Heating
Refrigerant	R290	R290
Suction Side Pressure	3.8MPa	3.8MPa
Supply	230V~50Hz	230V~50Hz
Plug Type	3-Pin BS	3-Pin BS
Rated Input Current	5A (Cooling)	6A (Cooling)
	3.5A (Heating)	4A (Heating)
Remote Control Batteries	2 x AAA (not included)	2 x AAA (not included)
Noise Level	58dB(A)	60dB(A)

3. Safety Symbols



Refer to instruction manual



Indoor use only



Caution!
Risk of fire

ATTENTION!
Appliance filled with propane gas R290.
For repairs, strictly follow manufacturer's instruction only.

4. Safety

4.1 Electrical Safety

! **WARNING!** It is the user's responsibility to check the following:

- Check all electrical equipment and appliances to ensure that they are safe before using.
- Inspect power supply leads, plugs and all electrical connections for wear and damage.
- Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.

✕ **DO NOT** use worn or damaged cables, plugs or connectors.

- Ensure that any faulty item is repaired or replaced immediately by a Baridi qualified technician.
- If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
- Baridi recommend that an RCD (Residual Current Device) is used with all electrical products.

! **IMPORTANT!** Ensure that the voltage rating on the appliance suits the mains power supply.

✕ **DO NOT** pull or carry the appliance by the power cable.

✕ **DO NOT** pull the plug from the socket by the cable.

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

4.2 General Safety

- Children from age 8 years and above, persons with reduced physical, sensory, or mental capabilities those with lack of experience and knowledge can use the appliance, if they have been given supervision or instruction concerning use of the appliance in a safe way to understand the hazards involved.

✕ Children shall **NOT** play with the appliance.

✕ **DO NOT** insert hands or other objects through the air inlet during operation.

✕ Cleaning and user maintenance on the appliance shall **NOT** be made by children without supervision.

- The appliance shall be disconnected from its power source during service and when replacing parts.

4.3 Product Safety

! **IMPORTANT!** Air conditioners must always be stored and transported upright, otherwise irreparable damage may be caused to the compressor; if in doubt we suggest waiting at least 24 hours following installation before starting the unit.

! Store in original packaging, secure in vehicles to prevent damage. Store in a dry area away from sources of ignition.

- This appliance is for indoor use only.
- This unit must be only connected to a 220-240 V / 50 Hz earthed outlet.
- Installation must be in accordance with regulations of the country where the unit is used.
- If you are in any doubt about the suitability of your electrical supply have it checked and, if necessary, modified by a qualified electrician.
- This air conditioner has been tested and is safe to use. However, as with any electrical appliance - use it with care.
- Disconnect the power from the appliance before dismantling, assembling or cleaning.
- Avoid touching any moving parts of the appliance.

✕ **NEVER** insert fingers, pencils or any other objects though the guard.

✕ **DO NOT** clean the unit by spraying it or immersing it in water.

- Never connect the unit to an electrical outlet using an extension cord. If an outlet is not available, one should be installed by a qualified electrician.

✕ **DO NOT** operate the unit unless it has been fully installed following the guidance provided within this manual.

- Never operate this appliance if the cord or plug is damaged. Ensure the power cord is not stretched or exposed to sharp objects/edges.
- Any service other than regular cleaning or filter replacement should be performed by an authorised service representative. Failure to comply could result in a voided warranty.

✕ **DO NOT** use the appliance for any purpose other than its intended use.

- Avoid restarting the air conditioner unless 3 minutes have passed since being turned off. This prevents damage to the compressor.

✕ **NEVER** use the mains plug as a switch to start and turn off the air conditioner. Use the provided ON/OFF button located on the control panel.

- The appliance should not be installed in laundry or wet rooms.
- The appliance must be installed in a room without sources of ignition (for example: open flames, an operating gas appliance or an operating electric heater).
- The unit must be installed on a solid vertical wall by a competent person. The electricity supply must only be connected after installation is complete.
- R290 refrigerant gas complies with European environmental directives. R290 has a low GWP (Global Warming Potential) of 3.)
- The air conditioner contains about 290 g of R290 refrigerant gas.

✕ **DO NOT** install or store in an unventilated space with a floor area smaller than 7m² per unit. The room must be such as to prevent stagnation of possible leaks of refrigerant gas as there could be a danger of fire or explosion hazard should the refrigerant come into contact with electric heaters, stoves or other sources of ignition.

- This unit is equipped with a refrigerant leak detector for safety. To be effective, the unit must be electrically powered at all times after installation, other than when servicing.
- The refrigerant sensor within this system must only be replaced with the refrigerant sensor specified by the equipment manufacturer.
- If the appliance is installed, used or stored in an unventilated room, the room must be such as to prevent stagnation of possible leaks of refrigerant gas as there could be a danger of fire or explosion should the refrigerant come into contact with electric heaters, stoves or other sources of ignition.
- Refrigerant gas may be odourless.

✕ **DO NOT** use the product and contact the retailer for advice, if damage has occurred to the unit which may have compromised the refrigerant system.

- Any repairs or maintenance must only be carried out on the unit by a suitably qualified engineer.
- Before opening and servicing the unit the authorized engineer must be in possession of a copy of the manufacturer's service manual and must follow the safety information contained within it to ensure all hazards are minimized.

✕ The refrigerant system should **NOT** be perforated or punctured.

Energy saving and unit safety protection tips

✕ **DO NOT** cover or restrict the airflow from the outlet or inlet grills.

- Keep the filters clean. Under normal conditions, filters should only need cleaning once every three weeks {approximately). Since the filters remove airborne particles, more frequent cleaning maybe necessary, depending on the air quality.
- For the initial start-up set the fan speed to maximum and the thermostat to 4-5 degrees lower than the current temperature. After, set the fan switch to low and set the thermostat to your desired setting.
- To protect the unit, we recommend not using the cool mode when the ambient temperature is higher than 35°C.

4.4 Refrigerant Leak Detection System

- When the refrigerant concentration is >10% for 3 consecutive seconds the refrigerant leak detection system is activated.
- 'EH' will show on the control panel, a buzzer will sound, the compressor will stop immediately, the inlet fan will run continuously at medium and the outlet fan will run at speed in order to extract gas out of the room.

There is no internal batter,y so in the case of a power cut or left unplugged, the system will not activate. The detection system is only operational when plugged in, turned on or on standby mode.

! **WARNING!** When the unit displays error code "EH", follow the procedures below:

Immediate Emergency Measures

- Cut off the power supply of the equipment immediately (do not merely turn it off via remote control; disconnect the circuit breaker or power plug). Do not switch on or off any nearby electrical appliances, or use open flames or equipment that may generate sparks. Open doors and windows right away or activate the emergency exhaust system (if present) to maintain adequate ventilation.

Personnel Handling Requirements

- Evacuate all people on site, especially non-professional staff in enclosed spaces. In case of severe refrigerant leakage, wear protective gear including safety goggles and anti-freeze gloves to prevent frostbite caused by liquid refrigerant and inhalation of highly-concentrated refrigerant gas.

Subsequent Equipment Handling

✕ **Prohibit further operation: DO NOT** restart the unit until the alarm fault is fully resolved.

Professional maintenance instruction

- Contact certified refrigeration service technicians as soon as possible for leak detection, refrigerant recovery, repair or component replacement, vacuum pumping and precise refrigerant charging.

✕ **DO NOT** disassemble the refrigeration pipeline on your own.

- If the alarm is triggered by sensor misreading or failure, calibrate the sensor or replace it with an original manufacturer sensor.

4.5 Maintenance Safety

! **WARNING!** Remove from mains supply before any maintenance is undertaken.

! **DANGER! ELECTRICAL SHOCK HAZARD!** When the unit is in the OFF position, there is still voltage to the electrical controls. Disconnect the power to the unit before servicing, to avoid electric shock or damage to the unit by disconnecting the circuit breaker or fuses.

! **DANGER!** Failure to follow safety warnings can result in property damage, injury, and/or death.

! **WARNING! ELECTRICAL SHOCK HAZARD!** It is extremely important to ensure that none of the electrical and/or electronic parts of the unit gets wet. Be sure to cover all electrical components to protect them from water or spray. It may cause an electric shock and damage the unit.

! **WARNING! FIRE HAZARD!** Clean filters regularly. Clogged or severely restricted filters reduce airflow, which can cause drastic efficiency loss as well as severe component damage to the compressor, electric heater, and fan motors.

Checks to the area

- Prior to beginning work, safety checks are necessary to ensure that the risk of ignition is minimised.

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.

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.

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.

Presence of fire extinguisher

- Have a dry powder or CO2 fire extinguisher adjacent to the charging area.

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.

Ventilated area

- Ensure that the area 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.

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.
- 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.

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.

4.6 Initial Safety Checks

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 and that there is continuity of the earth bonding.

Cabling

- Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects.

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.

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 is followed since flammability is a consideration.

The following procedure shall be adhered to:

- Remove refrigerant
- Purge the circuit with inert gas
- Evacuate
- Purge 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 purged with oxygen-free nitrogen to render the appliance safe for flammable refrigerants. This process may need to be repeated several times. Compressed air or oxygen shall not be used for purging refrigerant systems.
- 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. This process shall be repeated until no refrigerant is within the system. When the final oxygen-free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. Ensure that the outlet for the vacuum pump is not close to any potential ignition sources and that ventilation is available.

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.

4.7 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. Become familiar with the equipment and its operation. Isolate system electrically. Before attempting the procedure, ensure that: 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.
- If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system. Recovered refrigerant shall not be charged into another refrigerating system unless it has been cleaned and checked.
- Labelling Equipment shall be labelled stating that it has been de-commissioned 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.

4.8 Recovery

- 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 all appropriate refrigerants including, when applicable, flammable refrigerants. 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.

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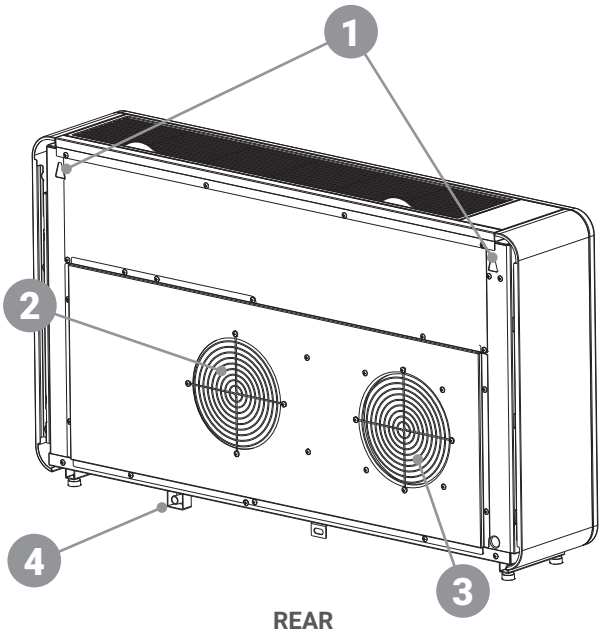
- If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant.
- The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric 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.

5. Product Overview

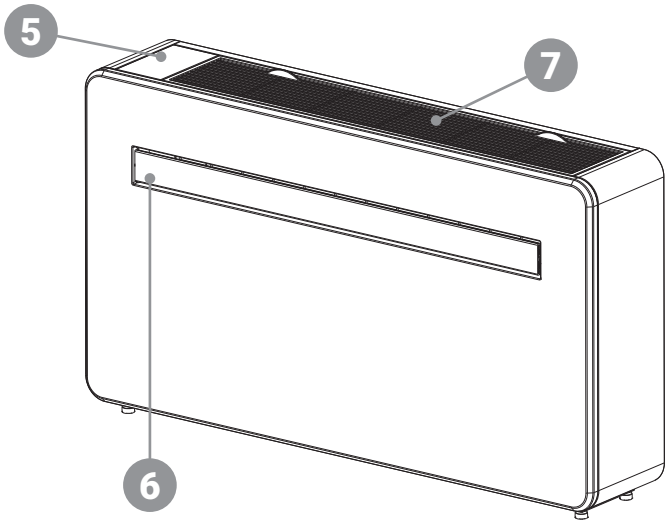
fig.1

1	Wall Bracket Hooks
2	Air Inlet
3	Air Outlet
4	Drainage Outlet

5	Control Panel
6	Louvre
7	Air Inlet



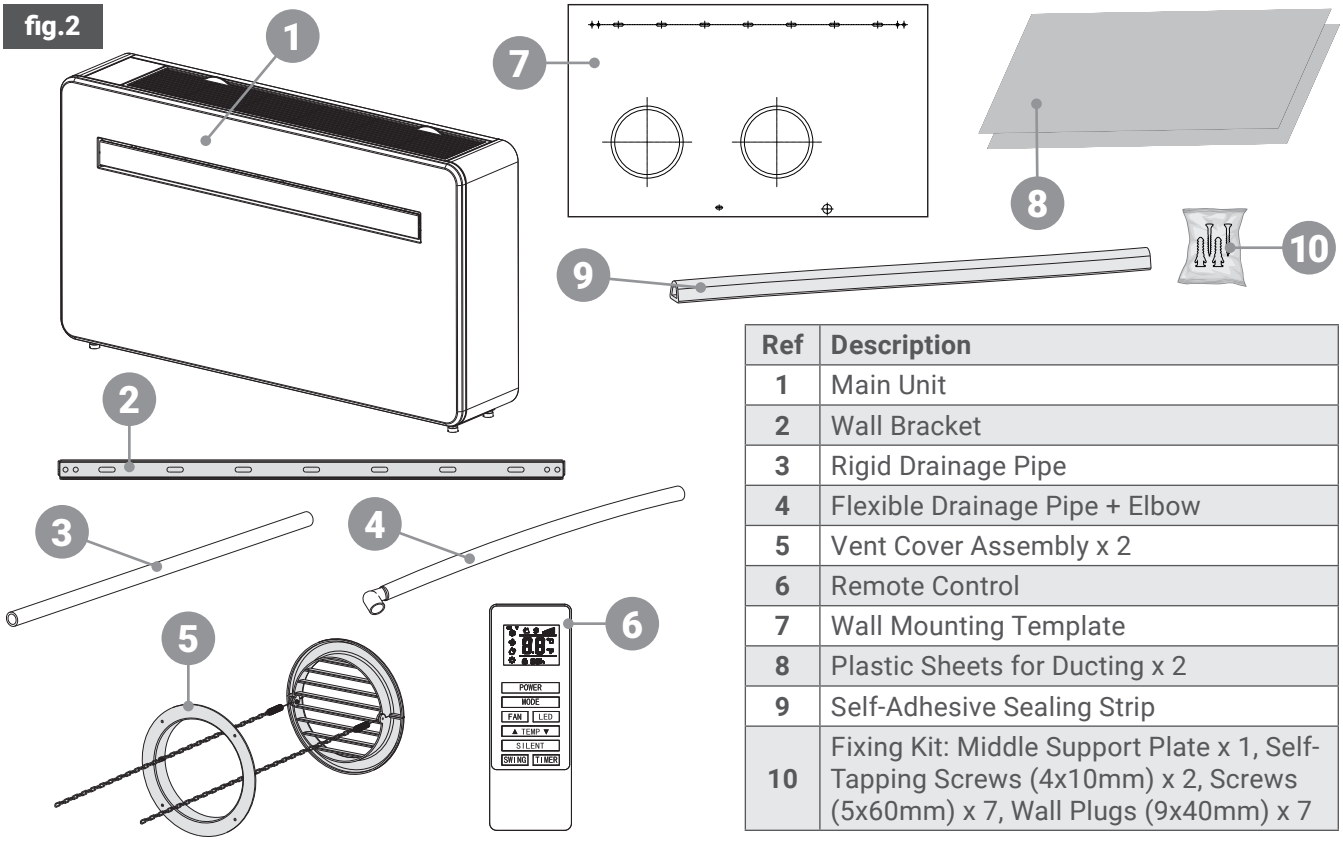
REAR



FRONT

6. Contents

fig.2



Ref	Description
1	Main Unit
2	Wall Bracket
3	Rigid Drainage Pipe
4	Flexible Drainage Pipe + Elbow
5	Vent Cover Assembly x 2
6	Remote Control
7	Wall Mounting Template
8	Plastic Sheets for Ducting x 2
9	Self-Adhesive Sealing Strip
10	Fixing Kit: Middle Support Plate x 1, Self-Tapping Screws (4x10mm) x 2, Screws (5x60mm) x 7, Wall Plugs (9x40mm) x 7

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7. Installation Tools Required



Spirit Level



Knife



Side Cutters



Hammer Drill/Driver



25mmØ Masonry Drill Bit



8mmØ Masonry Drill Bit



Pencil



180mm Ø Core Drill Bit



Tape Measure

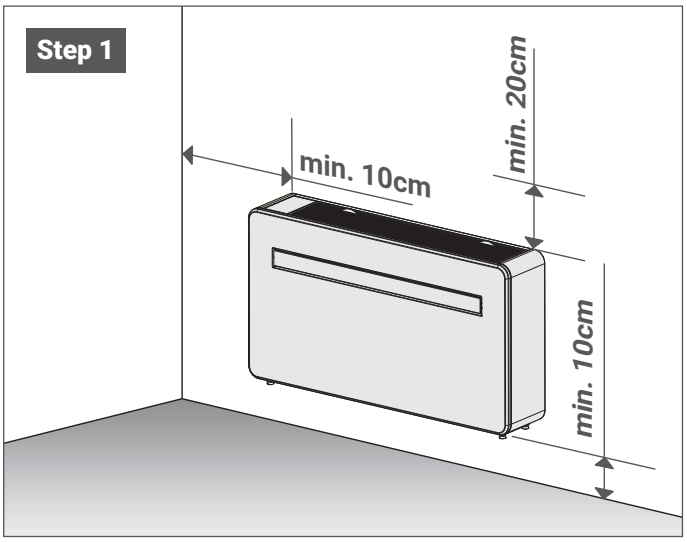
8. Installation

! **IMPORTANT!** Installation must be conducted with the aid of another person as the unit is heavy.

- Before starting installation, please ensure you have all suitable equipment available and understand the steps involved in installation.

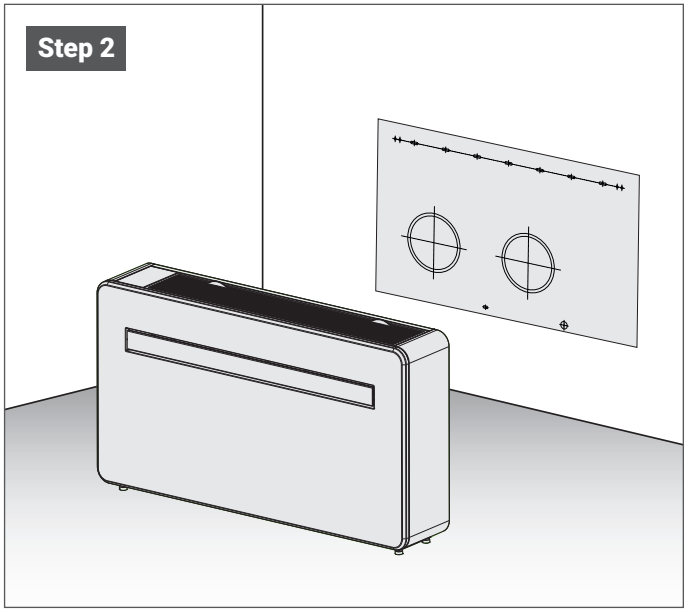
If in any doubt, professional advice should be sought.

- The installer must ensure that the planned position of the air conditioner is suitable, and that there are no cables, pipes or other obstructions, which would present a danger and/or prevent completion of installation.



Step 1

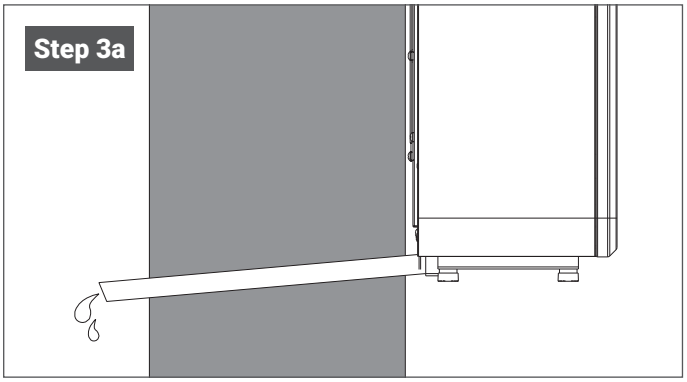
- This unit must be installed on an external wall, as it vents directly out of its rear.
- Only install the unit on a flat, solid and reliable wall. Ensure that there are no cables, pipes, steel bars or other obstructions behind the wall.
- Leave at least 10 cm of space to the left, right and base of the machine. At least 20cm of space must be left above the unit to help air flow smoothly.

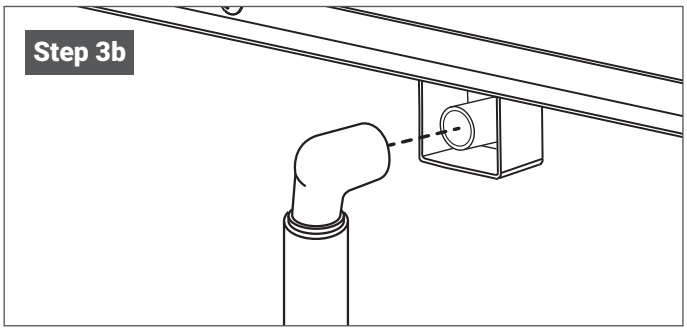


Step 2

- Temporarily affix the supplied installation template paper in position on the wall, ensuring that the reference line is level using a spirit level.

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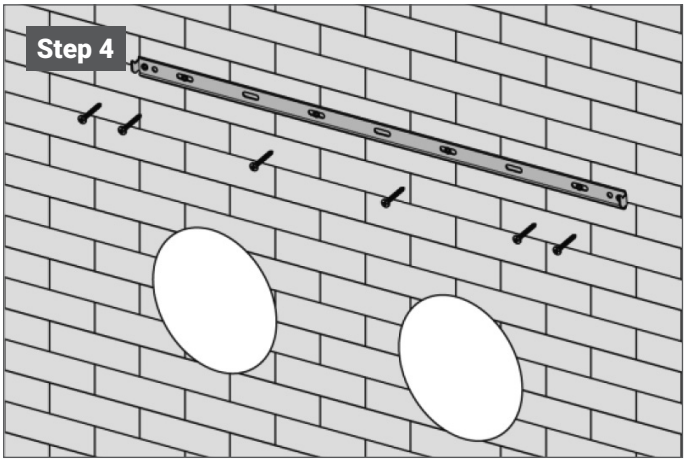
Step 3

- The unit is supplied with a rigid drainage pipe for through the wall fitting **(fig.2.3)** and a flexible drainage pipe with an elbow for through the floor fitting **(fig.2.4)**.
- If the pipe is to be installed through the wall, the rigid pipe should be used. The hole for the pipe must be drilled using a 25mm Drill bit, which is marked on the wall mounting template **(Step 3a)**.

Note: Ensure the hole is at a downward angle (min. 5° degrees) so that the water will drain correctly.

- If the pipe is to be installed through the floor, the flexible pipe should be used with the elbow fitted onto the drainage outlet **(Step 3b)**.

Note: The drainage pipe can only be fitted through a suspended floor, not a solid floor and there must be adequate space to allow for proper, unrestricted drainage.

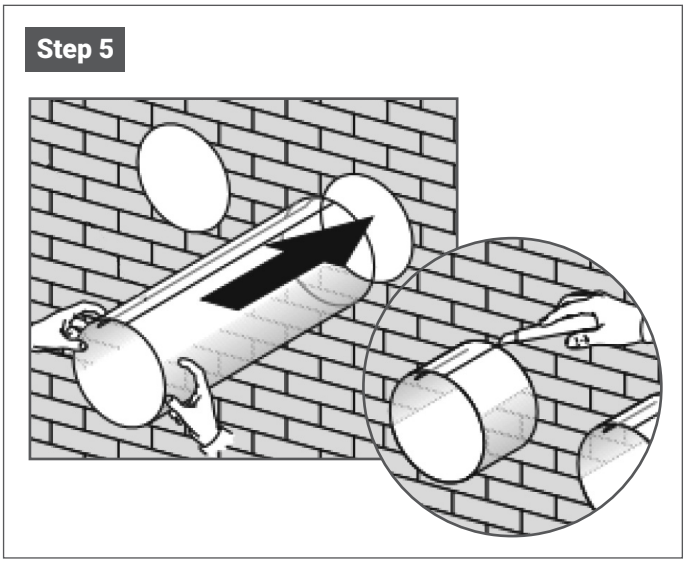


Step 4

- Drill two holes for the unit's ventilation, ensuring that both the holes are aligned with the template.
- Ensure that the holes are at a downward angle (min. 5° degrees) and aligned with the template.
- Use the template to mark the position of the screws for the wall bracket, using a spirit level to ensure it is straight and level.
- Drill the marked holes using a suitable 8mm drill bit and insert wall plugs. Line up the wall bracket with the holes, and fix into position using the supplied screws.
- Ensure that the hanging rail is securely fastened onto the wall, and that there is no risk of the unit tipping or falling.

Note: The appliance performs best when it is installed on a wall with a thickness not exceeding 240mm.

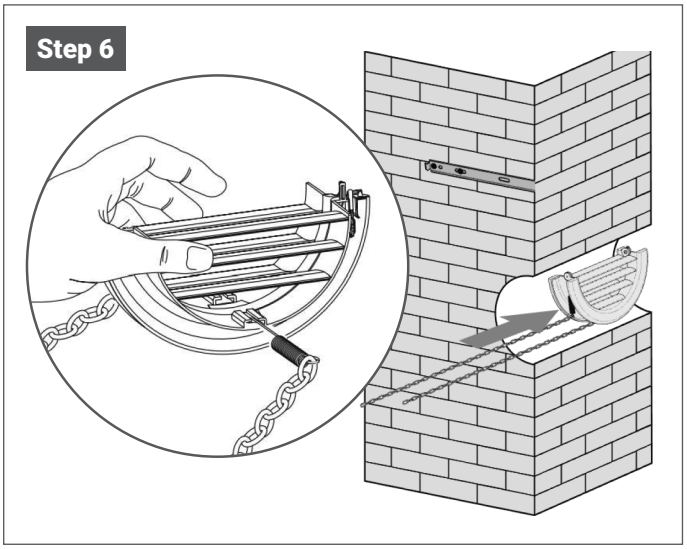
Note: Method of fixing is not to depend on the use of adhesives.



Step 5

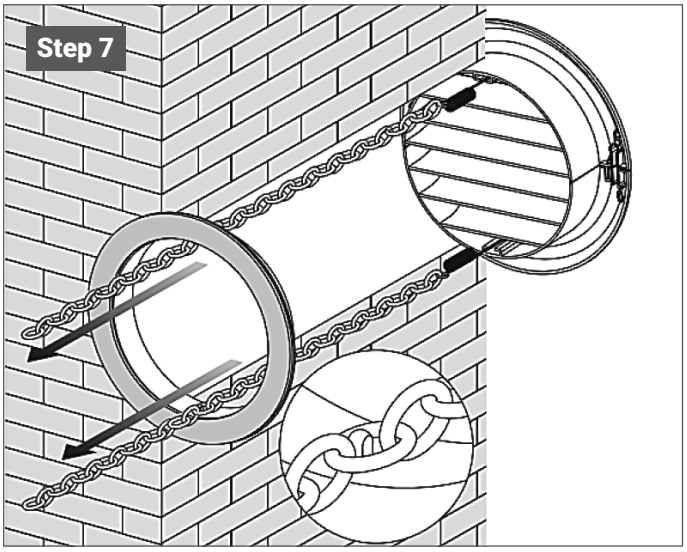
- Roll the plastic vent sheets into a tube and feed them from the inside into the holes previously made. Ensure the tubes sit flush to the interior wall.
- Go outside and trim off the excess using a sharp knife, keeping the edge as neat as possible.

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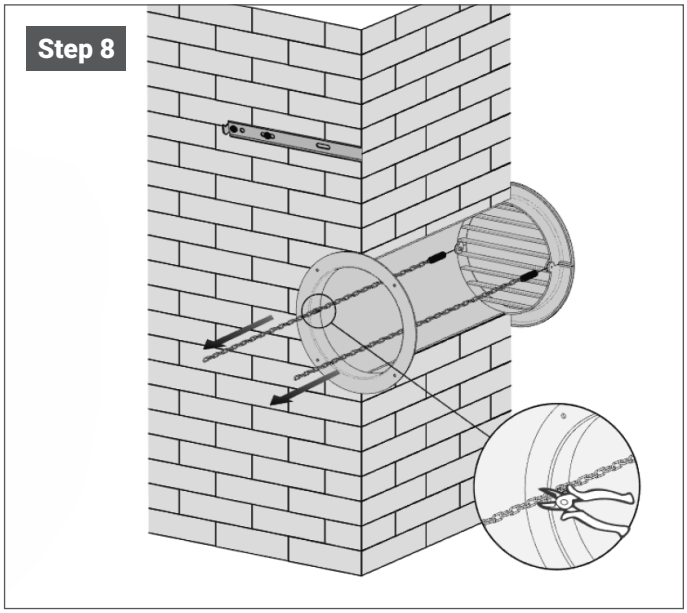
Step 6

- Insert the indoor fixing ring from the vent cover onto the indoor side of the air vent.
- Then fold the external vent cover in half.
- Attach the chains to each side of the vent cover, before sliding the cover outside through the vent hole.



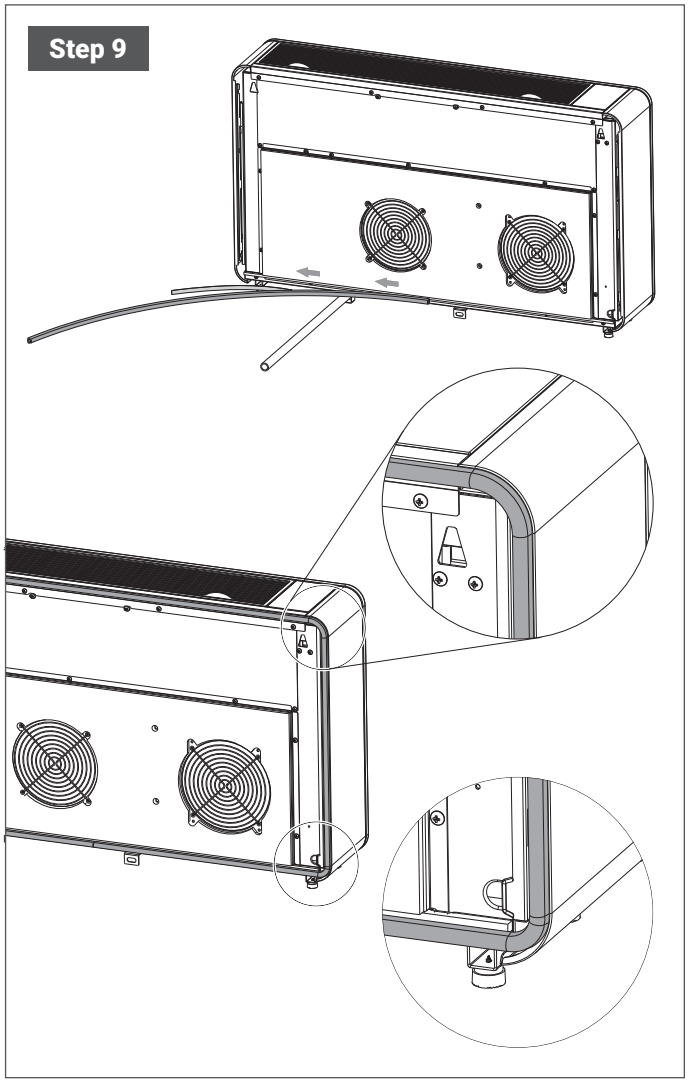
Step 7

- Expand the external cover, before tightly fixing the chains by hooking onto the indoor fixing ring.
- This will hold the external cover firmly in position. Repeat for the second vent.



Step 8

- Once the chains are fitted and secure, any excess chain should be removed by cutting the chain using suitable wire cutters.



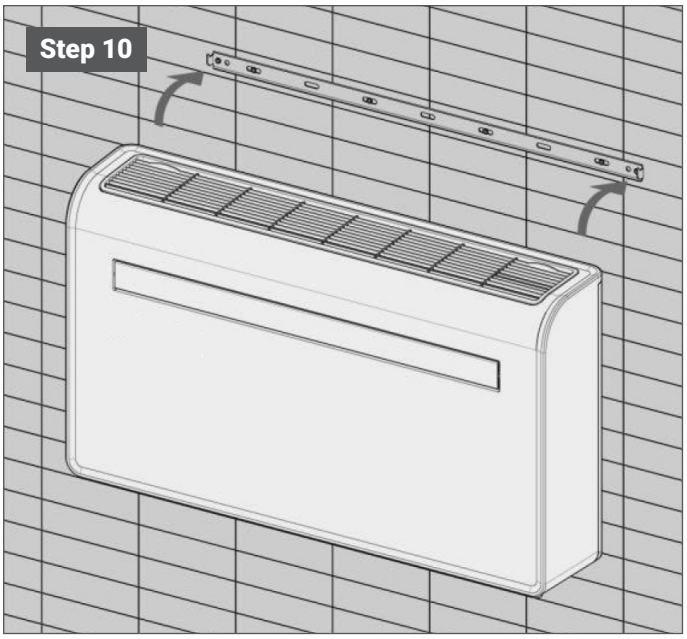
Step 9

- Before hanging the machine on the wall, apply the sealing strip.

Note: The sealing strip should be affixed along the edge of the machine.

- Peel off the backing paper from the adhesive gradually while applying the strip.
- Start from the middle of the bottom of the machine first.
- The position of the corners should be applied as shown.

Note: Incorrect fixture of the sealing strip may cause extra noise.



Step 10

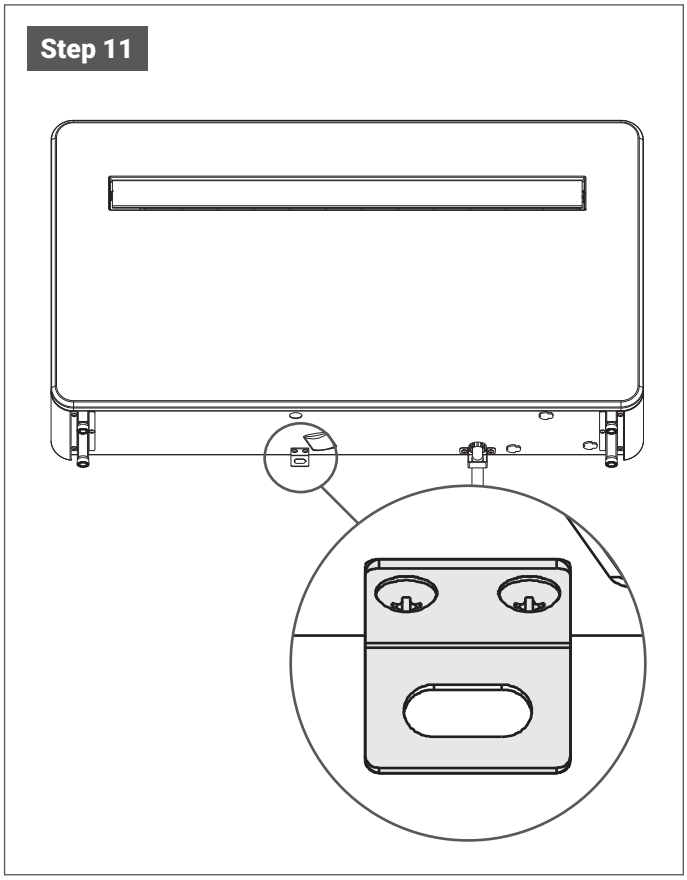
CAUTION! Two person lift.

- Lift the unit onto the wall, align the hanging holes with the hooks on the wall bracket and gently rest the unit into place. At the same time, if applicable, slide the drain pipe through the drainage hole.

Note: If the drainage pipe is going to be fitted through the floor, it should be attached to the drainage outlet prior to wall mounting the unit.

Note: If the wireless controller (available separately) has been purchased, it should then be installed, and connected.

Note: The end of the drainage pipe (through the wall or through the floor) must be placed in an open space or drain. Avoid damage or constriction to the drainage pipe to ensure the unit drains.



Step 11

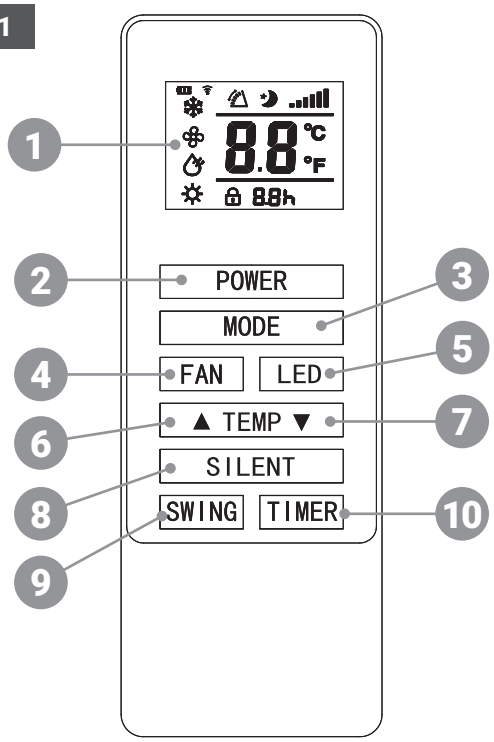
- Attach the middle support plate to the underside of the unit and secure using the supplied 4x10mm self-tapping screws.
- Mark a hole position on the wall.
- Use a suitable diameter masonry drill bit, drill a hole and fit a wall plug.
- Secure the bracket to the wall using a suitable screw.

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9. Operation

9.1 Remote Control

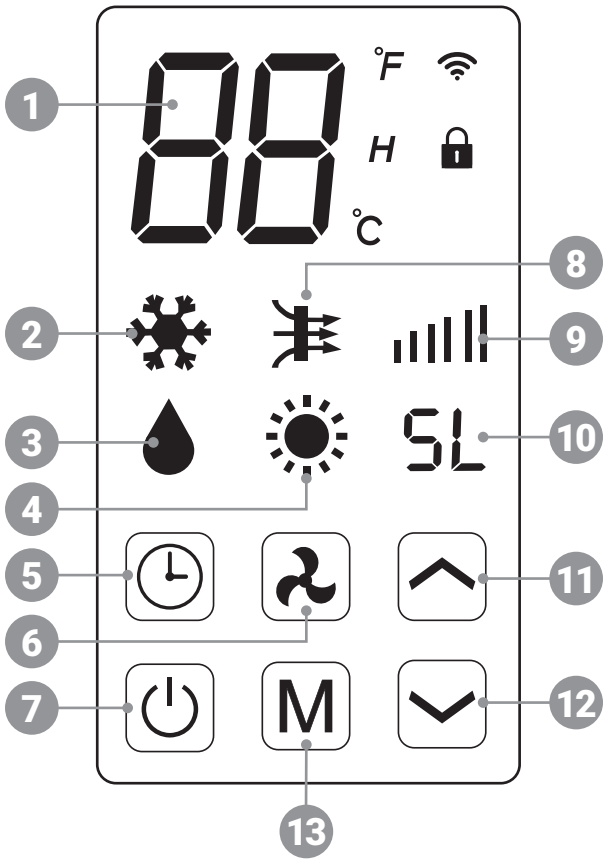
fig.1



Remote Control		
Ref	**Button**	**Function**
1	**Display**	Shows current settings including temperature and timer.
2	**Power**	Press the POWER button to turn the unit On or Off.
3	**Mode**	Press the MODE button to switch between cooling, heating, fan and dry modes.
4	**Fan**	Press the FAN button to change between high, medium and low fan speeds
5	**LED**	Press the LED button to turn the LED light on unit on or off, which may be a preference for nightime operation.
6	▲	Press the UP button to increase the desired temperature or timer duration.
7	▼	Press the DOWN button to decrease the desired temperature or timer duration.
8	**Silent**	Press for SILENT mode. In Silent mode, the fan speed will remain low and the noise level is kept to a minimum.
9	**Swing**	Press to turn the louvre swing function on and off (only activated by the remote control & APP).
10	**Timer**	Press the TIMER button to set the automatic timer function on or off.

9.2 Control Panel

fig.1



Control Panel	
1	Digital Display
2	Cooling Mode
3	Dehumidifier
4	Heating Mode
5	Timer
6	Fan
7	Power On/Off
8	Fan Mode
9	Fan Speed
10	Silent Mode
11	Increase
12	Decrease
13	Mode Select

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9.3 Functions

Operation and Functions		
	The digital display shows the current settings including the temperature.	
 POWER	Press the Power button to turn the unit On or Off.	
 MODE	Press the Mode button to change between the different modes. The display will show the symbol for the mode currently selected.	
	 COOLING	Cooling mode defaults to 22°C and will cool the air while expelling warm air outside. The desired temperature can be adjusted using the increase and decrease buttons from 16°C up to 30°C. The fan speed can be adjusted using the speed button.
	 DEHUMIDIFIER	Dehumidifier mode will extract moisture from the air, which will drain outside through the installed pipe. The fan speed cannot be adjusted in dehumidifier mode.
	 FAN	In fan mode the appliance will recirculate the air within the room and will not cool, heat or dehumidify. The fan speed can be adjusted using the speed button.
	 HEATING	Heating mode defaults to 24°C and will heat the air while expelling cool air outside. The desired temperature can be adjusted using the increase and decrease buttons from 16°C up to 30°C. The fan speed can be adjusted using the speed button.
	 SILENT	Silent mode can be activated via APP or the remote control. It can also be activated by pressing the Timer button and the Increase button on the control panel at the same time. In cooling or heating mode, the fan speed will remain low and the noise level is kept to a minimum.
 FAN SPEED		Press to change the fan speed between low, medium and high. The fan speed cannot be adjusted in dry and silent modes.
 TIMER	The 24 hour timer can be used to either set a delayed start or a set period of operation. The timers cannot be combined, but the app can be used to program periods of operation.	
	Shutdown Timer: While the unit is running, press the timer button, the display will flash '0' 5 times. After the 5th flash, use the up and down buttons to adjust the duration in 1 hour increments from 1 hour up to 24 hours. The time has elapsed the unit will start up in the same mode and settings as when it was turned off.	
	Delayed Start Timer: With the unit on standby, press the timer button, the display will flash '0' 5 times. After the 5th flash, use the up and down buttons to adjust the duration in 1 hour increments from 1 hour up to 24 hours. After the time as elapsed, the unit will start up in the same mode and settings as when it was turned off.	
 INCREASE & DECREASE	Used within cooling and heating modes to adjust the desired room temperature. Also used to set the timer duration. **Note:** Press the Increase and Decrease buttons (on the control panel or the remote control) at the same time to switch between °C and °F.	
SWING	When the unit is on, press the Swing button and the louvre vents will pivot continously up and down. Press the button again to stop the movement and leave the louvres in that position. Swing mode can only be adjusted using the remote control and is initially turned on by default.	
COMPRESSOR PROTECTION	There is a 3 minute delay after power on. In order to protect the life of the compressor and electronic components please do not switch on the unit for at least 5 minutes after it has been switched off.	

10. WIFI Set-Up And Smart Features

10.1 Before You Start

- Ensure your router provides a standard 2.4ghz connection.
- If your router is dual band ensure that both networks have different network names (SSID). The provider of your router / Internet service provider will be able to provide advice specific to your router.
- Place the air conditioner as close as possible to the router during setup.
- Once the app has been installed on your phone, turn off the data connection, and ensure your phone is connected to your router via WIFI.

Note: The following steps may differ slightly dependng on your device and continuous develop of the app.

10.2 Download & Register The App

- Download the “SMART LIFE” app, from your chosen app store, using the QR code below, or by searching for the app in your chosen store.





- If you don’t have a Smart Life account, register an account or sign in with verification code by SMS.
- Press on the “Sign Up” button at the bottom of the screen.
- The system automatically recognises your country/area. You can also select your country code manually.
- Enter your mobile phone number/ email address and tap “Get verification code”.
- If you choose the mobile number option, then enter the verification code in the message sent to you by SMS.
- Set a password as prompted and press “Done” to finish your registration.

10.3 WIFI Connection Mode

- In Standby mode press and hold the speed button for 3 seconds (until you hear a bleep) to enter the WiFi connection mode.
- Please ensure your device is in the correct WiFi connection mode for the connection type you are attempting, the flashing of the WiFi light on your air conditioner will indicate this.

Connection Type	Frequency of Flashes
Quick Connection	Flashes twice per second
AP Connection (Access Point)	Flashes once per three seconds

- To change the unit between the two WiFi connection modes, hold the Speed button for 3 seconds.

10.4 Connect Using Bluetooth & WIFI

- Before initiating the connection, make sure the unit is in standby mode and connected to the wifi network.
- Open Bluetooth on your phone.
- When the device is powered on and to be connected, the connected Bluetooth device will pop up automatically after opening the App for a moment. Click “Add” button for connection.
- Enter your Wi-Fi information, enter the password and click “Next” to continue the operation.
- Enter the device connection interface after the progress bar is finished and the device is successfully connected.
- If you don’t want to use Bluetooth connection, just exit the Bluetooth connection prompt or turn off Bluetooth and follow the below steps to connect the unit with WiFi connection.
- Click “Add Device” for operation.
- Select the type of device as “Large Home Appliance”.
- Connect to your WIFI and enter the password.
- Ensure the WiFi light on the air conditioner is flashing twice per second.
- Enter the device connection interface after the progress bar is finished and the device is successfully connected. Click the “Done” button to enter the operation interface of the device.

11. Maintenance

DANGER! Failure to follow all safety warnings can result in property damage, injury, and/or death. See **Section 4: Safety**.

11.1 Filter Removal & Cleaning

- Remove the filter in the direction of the arrows shown in the diagram.
- After removal, the filter can be vacuumed or rinsed with clean water.
- The filter must be completely dry before reinstalling it in its original position.

DO NOT open the casing to clean the interior of the unit by yourself. If internal cleaning is required, please contact a qualified technician.

- When cleaning the surface of the unit, only use a semi-damp cloth or neutral detergent. It is strictly prohibited to use chemical solvents such as benzene, gasoline, or alcohol, as this may damage the casing material.

11.2 Cleaning Condensate Drain Components

- To ensure optimal performance and prevent the build up of bacteria or other foreign material, clean the upper and lower drain pans at least once every six months, or more frequently if environmental conditions warrant it.

Note: Use a coil-safe drain line cleaner, to perform the cleaning safely and effectively.

11.3 Cleaning The Cabinet

When cleaning the unit cabinet, make sure to follow the steps below:

- Turn off the unit, unplug the power cord, or turn off the breaker and wait one hour for the unit to cool down.
- Gently wipe down the cabinet using a slightly damp cloth. Gently wipe down the return air grille using a slightly damp cloth.
- Gently wipe down the supply air louvre using a slightly damp cloth.

11.4 Cleaning The Exterior Louvres

- Inspect the exterior grilles or louvres and the vent pipes periodically. Under extreme conditions, more frequent cleaning may be necessary.
- Do not use wax, solvents, or hydrocarbon-based cleaners such as acetone to clean the louvres. Use a slightly damp (not wet) cloth.
- Turn off the unit, unplug the power cord, or turn off the breaker and wait one hour for the unit to cool down.

Note: It can be beneficial to clean the louvres with an antibacterial and anti-fungal cleaner.

12. Warranty

- Our Warranty is that on delivery and for the relevant Warranty Periods (set out below) the Goods shall be free from material defects in design, material and workmanship.
- If you notify us during the relevant Warranty Periods within a reasonable time of discovery that some or all of the Goods do not comply with Our Warranties, we shall, at our option, repair or replace the individual faulty component of the Goods or refund the price of the faulty Goods in full. In order to be validated, a proof of purchase (invoice or receipt) must be supplied to us with any returned item where it is claimed that some or all of the Goods do not comply with Our Warranty.
- All Baridi products are covered by a minimum 1-year warranty (“the Warranty”) (unless otherwise specified). This warranty covers against manufacturing defects and excludes general wear and tear and any serviceable/ consumable items.

13. Aftersales Support

We are committed to supporting our products throughout their lifetime.

- If your product is outside of the warranty period, we offer an extensive range of spare parts along with expert technical advice to help keep your item in working order.
- Our technical team is on hand to assist 09:00 - 17:00 Mon-Fri with fault finding, repairs and general product queries.

  Telephone: 01284 757575

  Email: support@baridi.com

If required, products can be returned to us for inspection, servicing or a repair at a reasonable cost.

14. End Of Life

At the end of its service life, this product must be disposed of in an environmentally responsible manner. Components such as metal parts should be recycled wherever possible.

DO NOT discard the appliance with general household or construction waste. Please follow all local environmental regulations to ensure safe and sustainable disposal.

15. Troubleshooting

15.1 Problems & Solutions

Problem	Possible Cause	Solution
The air conditioner does not work	There is no electricity	Check the unit is plugged in, and the socket is working normally.
	The ambient temperature is too low or too high.	The air conditioner will only operate when the room temperature is between 7°C and 35°C. If the room is in direct sunlight, drawing curtains or closing blinds can help reduce the room temperature.
	In cooling mode, the room temperature is lower than the desired temperature.	Adjust the desired room temperature.
	In heating mode, the room temperature is higher than the desired temperature.	Adjust the desired room temperature.
	In dehumidification (Dry) mode, the ambient temperature is low.	The room temperature must be above 17°C in order for Dry mode to operate.
Cooling or heating performance is poor	Doors or windows are open.	Closing doors and windows increases the performance of the air conditioning.
	The room is crowded.	Body heat can contribute to raising the temperature within a room that can decrease air conditioning performance.
	The filter is dirty or clogged.	Clean or replace the filter. See Section 11: Maintenance.
	The air inlet or outlet is blocked.	Clear any obstructions. Check that the unit has been installed correctly.
The air conditioner is leaking	The unit is not level.	Use a spirit level to check that the unit is horizontal. If this is not the case, the unit must be removed from the wall and reinstalled correctly.
	The drain pipe is blocked.	Check the drain pipe and clear any obstructions.
Compressor does not work	The overheat/thermal overload protection device has been activated.	Wait for 3 minutes for the unit to cool down and then restart.
The remote control does not work	The distance between the unit and the remote control is too far.	Move the remote control closer to the unit.
	The remote control is not aligned with the remote control receiver on the unit or there are obstructions.	Make sure that the remote control transmitter is pointing directly at the receiver on the unit without any obstructions.
	Batteries are depleted.	Replace batteries (2 x AAA).

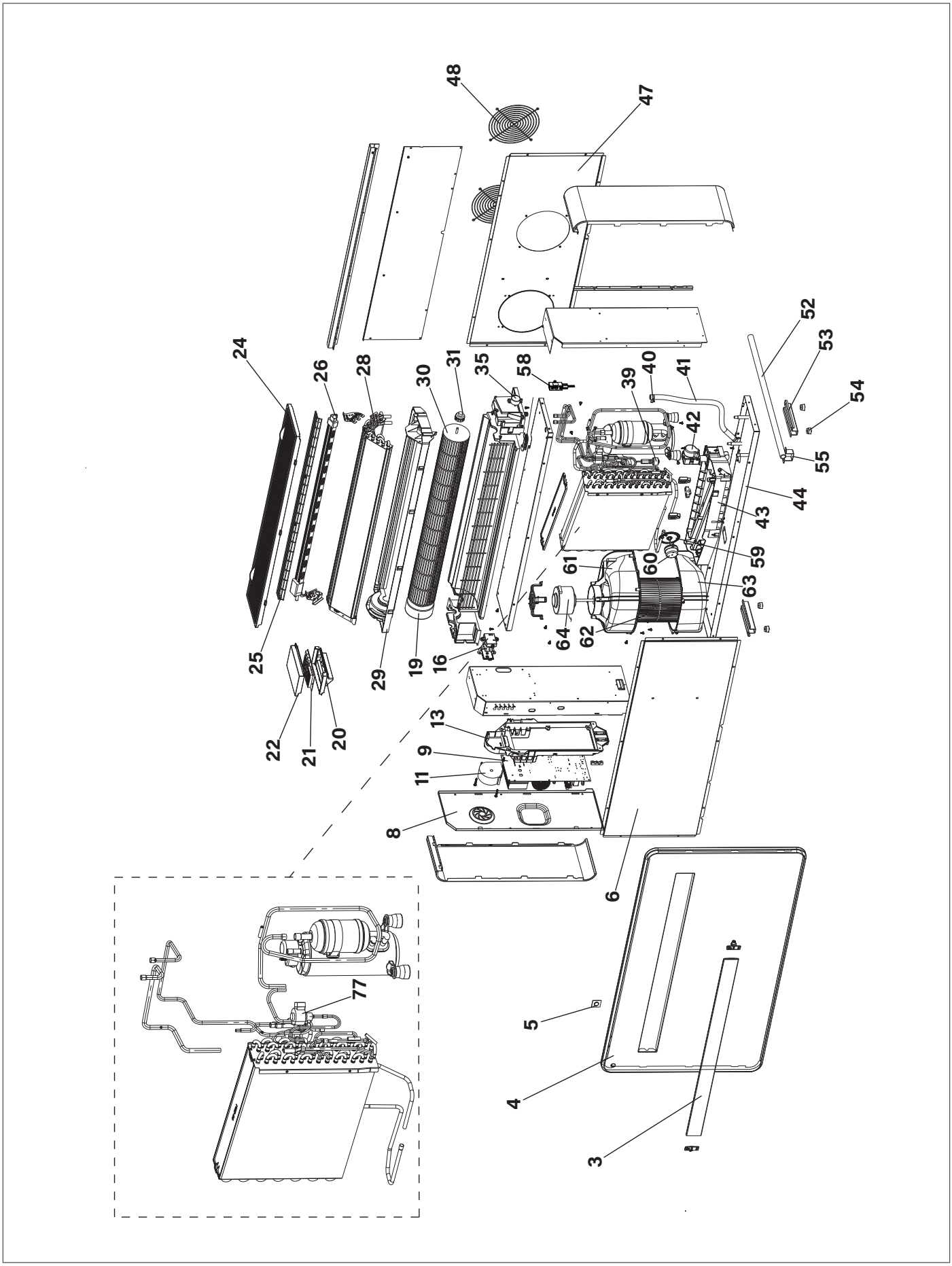
15.2 Error Codes

Fault Code	Fault Description
F1	Compressor IPM error
F2	PFC/IPM error
F3	Compressor start error
F4	Compressor running out of step
F5	Location detection loop failure
FA	Phase current overcurrent protection
P2	DC bus voltage undervoltage protection
E4	Communication error (indoor and outdoor)
F6	PCB communication error
P3	AC input voltage protection
P4	AC over-current protection
P5	AC undervoltage protection
F7	Coil sensor error (outdoor)
F8	Sensor on suction pipe error
E0	Sensor on discharge pipe error
E6	Temperature sensor error (outdoor)
E7	Fan motor error (outdoor)
Eb	Fluoride deficiency protection
FE	EE error (outdoor)

Fault Code	Fault Description
PA	Return air sensor temperature abnormal protection
P1	Over-heat protection on top of compressor
PE	Abnormal refrigerant circulation
PH	Exhaust temperature protection
PC	Coil tube overload protection (outdoor)
E3	DC fan feedback failure (indoor)
P6	Coil tube overload protection (indoor)
P7	Defrost protection on coil (indoor)
E2	Sensore error on indoor coil tube
E1	Temperature sensor error (indoor)
P8	Zero-crossing fault detection (indoor)
EE	EE error (indoor)
E5	Water-splash motor error
E8	Fan feedback fault
FL	Water-full protection
EA	Reversing fault of four-way valve
EH	Refrigerant Leak Detection System activated

16. Parts Information

16.1 DH432 - Parts Diagram

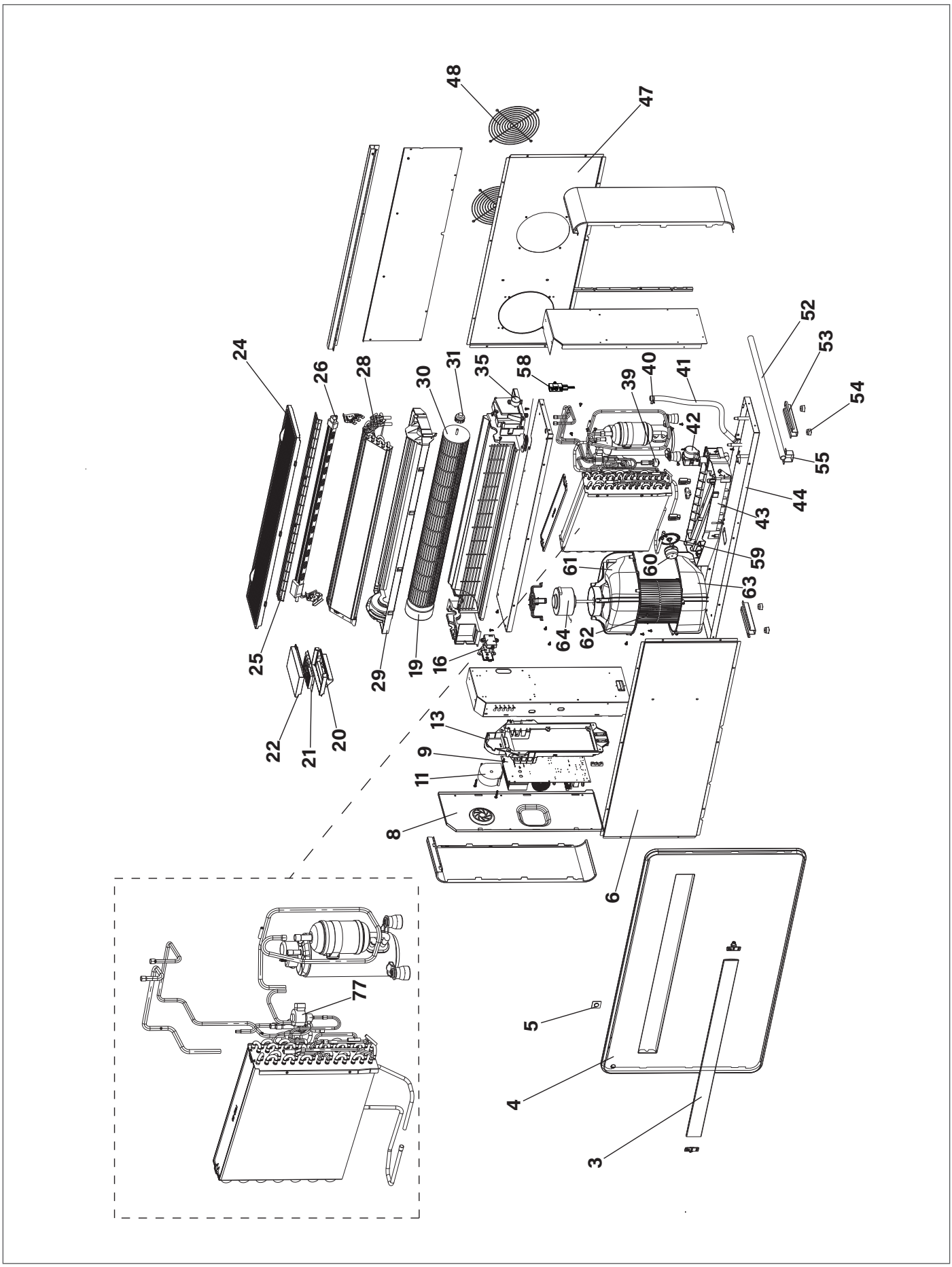


16.2 DH432 - Parts Listing

Item	Part No.	Description
3	DH12167	Air Deflector
4	DH12168	Front Panel
5	DH12169	Receiver, Remote Control
6	DH12170	Front Cover
8	DH12171	PCB Box Cover
9	DH11208	PCB 10K
11	DH12172	Cooling Fan
13	DH12173	PCB Box
16	DH11211	Wifi Module
19	DH11213	DC Brushless Motor (Air Supply)
20	DH12174	Display Panel Box
21	DH11210	Display Board
22	DH12175	Display Panel Box Cover
24	DH11216	Filter
25	DH12176	Air Intake Grill
26	DH12177	PTC Heater
28	DH12178	Evaporator Assembly
29	DH12179	Water Collection Tray A
30	DH12180	Air Intake Fan Blade
31	DH12181	Sleeve, Rotor Shaft
35	DH11215	Stepper Motor
39	DH12182	Water Level Switch
40	DH12183	Torsion Spring
41	DH12184	Water Pipe

Item	Part No.	Description
42	DH12185	Switch Assembly, Water Release
43	DH12186	Water Collection Tray B
44	DH12187	Base
47	DH12188	Rear Panel
48	DH12189	Rear Ventilation Grill
52	DH11212	Drainage Pipe
53	DH12190	Foot Support
54	DH12191	Rubber Foot
55	DH12192	Drainage Pipe Support
58	DH12199	Leak Detector
59	DH12193	Water Wheel
60	DH12194	DC Motor Pump
61	DH12195	Lower Air Duct A
62	DH12196	Exhaust Fan Blade
63	DH12197	Lower Air Duct B
64	DH11214	DC Brushless Motor (Air Exhaust)
77	DH11502	Electronic Expansion Valve
--	DH11202	Air Duct Inner Cover (Not Shown)
--	DH11203	Air Duct Outer Cover (Not Shown)
--	DH11204	Spring And Chain (Not Shown)
--	DH11205	Wall Template (Not Shown)
--	DH11206	Ducting Sheet (Not Shown)
--	DH11207	Remote Control (Not Shown)

16.3 DH433 - Parts Diagram



16.4 DH433 - Parts Listing

Item	Part No.	Description
3	DH12167	Air Deflector
4	DH12168	Front Panel
5	DH12169	Receiver, Remote Control
6	DH12170	Front Cover
8	DH12171	PCB Box Cover
9	DH11209	PCB 12K
11	DH12172	Cooling Fan
13	DH12173	PCB Box
16	DH11211	Wifi Module
19	DH11213	DC Brushless Motor (Air Supply)
20	DH12174	Display Panel Box
21	DH11210	Display Board
22	DH12175	Display Panel Box Cover
24	DH11216	Filter
25	DH12176	Air Intake Grill
26	DH12177	PTC Heater
28	DH12178	Evaporator Assembly
29	DH12179	Water Collection Tray A
30	DH12180	Air Intake Fan Blade
31	DH12181	Sleeve, Rotor Shaft
35	DH11215	Stepper Motor
39	DH12182	Water Level Switch
40	DH12183	Torsion Spring
41	DH12184	Water Pipe

Item	Part No.	Description
42	DH12185	Switch Assembly, Water Release
43	DH12186	Water Collection Tray B
44	DH12187	Base
47	DH12188	Rear Panel
48	DH12189	Rear Ventilation Grill
52	DH11212	Drainage Pipe
53	DH12190	Foot Support
54	DH12191	Rubber Foot
55	DH12192	Drainage Pipe Support
58	DH12199	Leak Detector
59	DH12193	Water Wheel
60	DH12194	DC Motor Pump
61	DH12195	Lower Air Duct A
62	DH12196	Exhaust Fan Blade
63	DH12197	Lower Air Duct B
64	DH11214	DC Brushless Motor (Air Exhaust)
77	DH11502	Electronic Expansion Valve
--	DH11202	Air Duct Inner Cover (Not Shown)
--	DH11203	Air Duct Outer Cover (Not Shown)
--	DH11204	Spring And Chain (Not Shown)
--	DH11205	Wall Template (Not Shown)
--	DH11206	Ducting Sheet (Not Shown)
--	DH11207	Remote Control (Not Shown)



WEEE Regulations

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



Environment Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

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