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

Model No's: DH432, DH433

Thank you for purchasing a Dellonda 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.

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.

Refer to instruction manual

ATTENTION!

Appliance filled with propane gas R290.

For repairs, strictly follow manufacturer's instruction only.

Caution,risk of fire

SPECIFICATION

- **DH432/DH433**
- **CO**2 Equivalent: 0.00087t
- Cooling Capacity: 2.93kW/3.5kW
- Discharge Side Pressure: 0.8/2.8**MP**a
- Electrical Class I
- Energy Class: A for **AC** cooling, A+ for heating
- Exhaust Hose Length: 0.45m
- Fuse Rating: 13A
- Global Warming Potential (Rating): T1
- Mass: 290g
- Maximum Airflow: 500m3/hr Cooling 520m3/hr Heating/ 520m3/h Cooling 520m3/h Heating
- Maximum Water Extraction Rate: 1L/Hr/1.2L/Hr
- Weight: 42.5kg/44kg
- Power: 1120W Cooling 730W Heating/ 1350W Cooling 815W Heating
- Refrigerant: R290
- Suction Side Pressure: 3.8**MP**a
- Supply: 230v ~ 50Hz

SAFETY INSTRUCTIONS

• 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 Dellonda qualified technician.
- If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
- Dellonda 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.

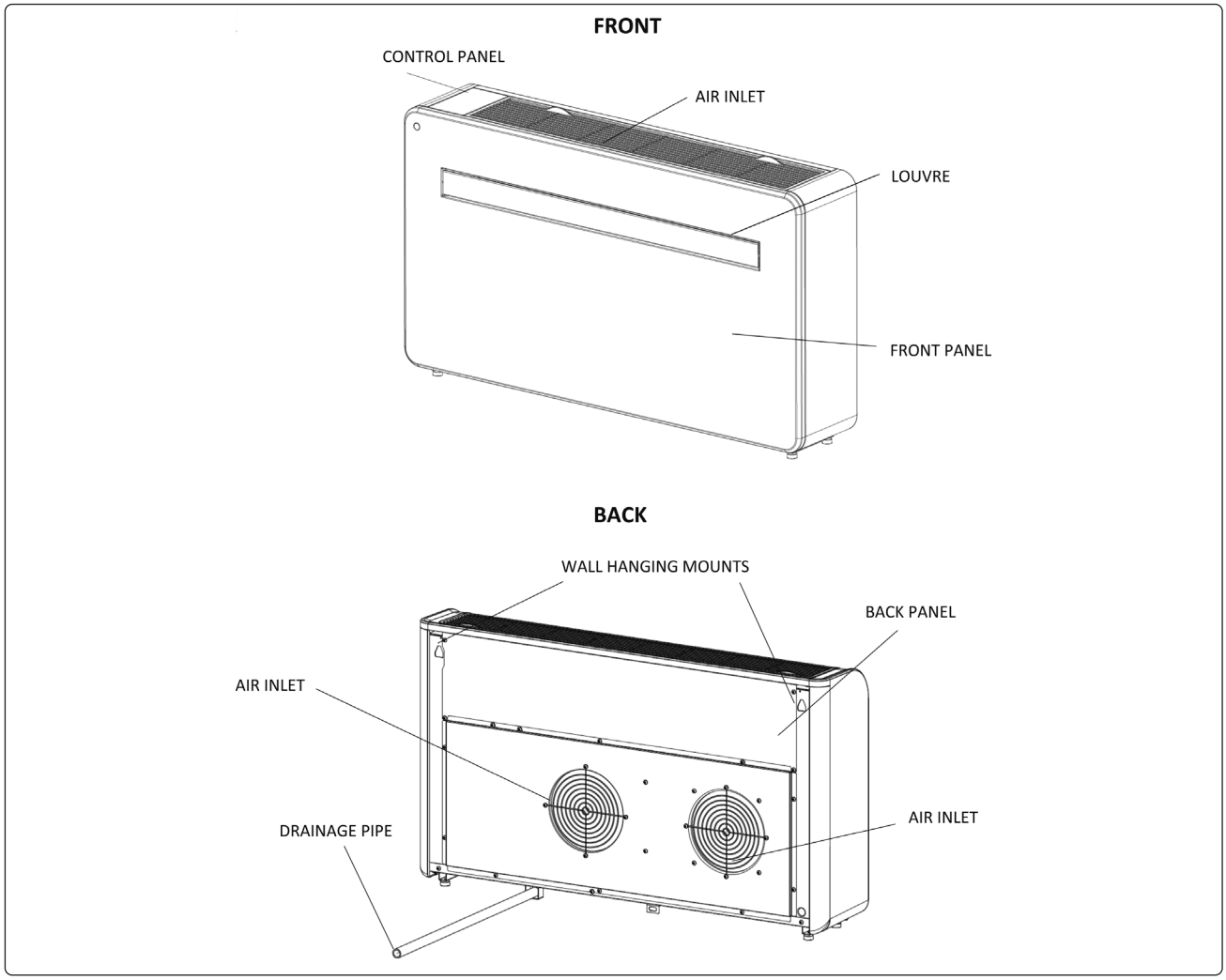
• GENERAL SAFETY

- 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.
- 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.
- **TRANSPORT 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.
- Carefully read the instructions before installing and/or operating the unit.
- 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 an area smaller than 15 m² 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.
- 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.
- **MAINTENANCE SAFETY**
- **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.
- **Initial safety checks shall include:** 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.
- **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.
- **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.
- 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.

PRODUCT OVERVIEW



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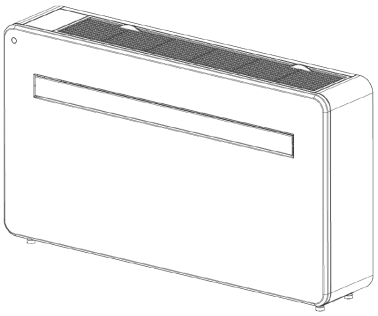
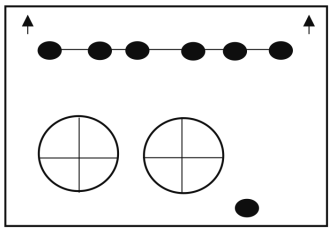
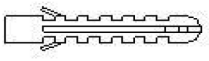


AIR CONDITIONER

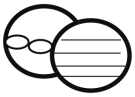


WALL TEMPLATE

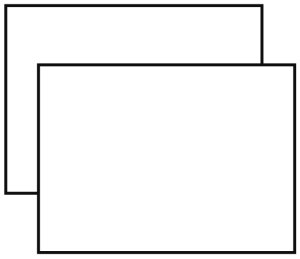
SCREWS



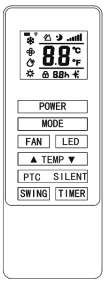
WALL PLUGS



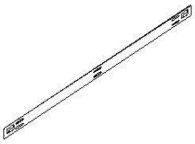
VENT COVER ASSEMBLY (X2)
(CHAIN, INDOOR RING AND
OUTDOOR COVER



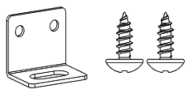
PLASTIC DUCTING
SHEET (X2)



REMOTE CONTROL

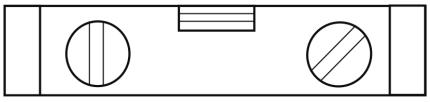


WALL BRACKET

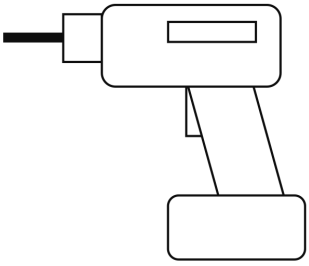


Fixed plate 4x10 tapping screw

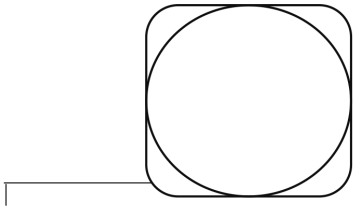
INSTALLATION: TOOLS REQUIRED



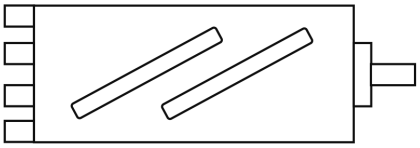
SPIRIT LEVEL



DRILL



TAPE MEASURE

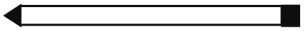


180mm CORE DRILL

8mm MASONRY DRILL BIT

SHARP KNIFE

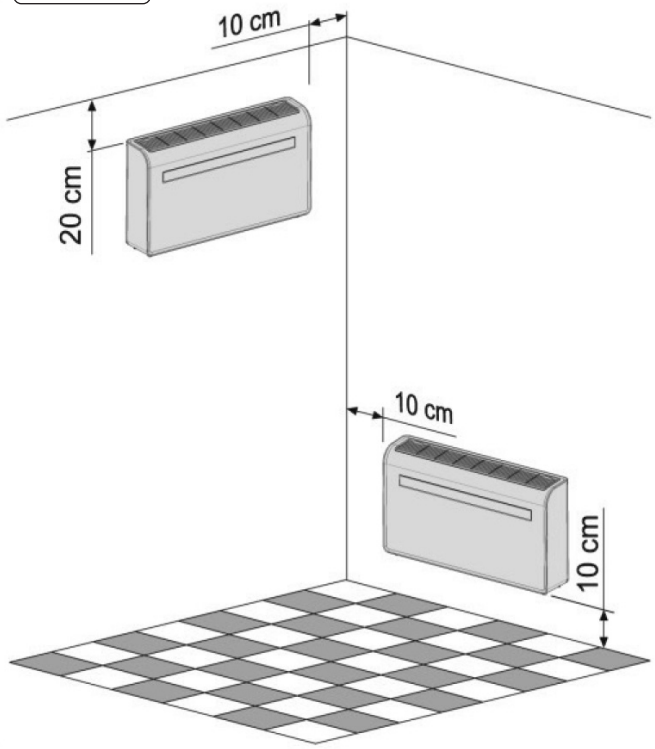
25mm MASONRY DRILL BIT



PENCIL

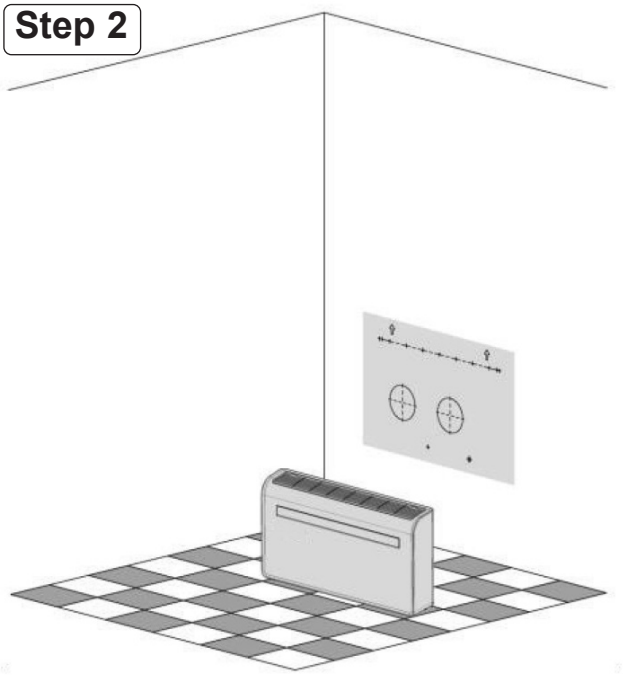
- BEFORE STARTING INSTALLATION, PLEASE ENSURE YOU HAVE ALL SUITABLE EQUIPMENT AVAILABLE AND UNDERSTAND THE STEPS INVOLVED IN INSTALLATION. IF IN ANY DOUBT, PROFESSIONAL ADVICE SHOULD BE SOUGHT.
- THE INSTALLER MUST ENSURE THAT THE PLANNED POSITION OF THE AIR CONDITIONER IS SUITABLE, AND THAT THERE ARE NO CABLES, PIPES OR OTHER OBSTRUCTIONS, WHICH WOULD PRESENT A DANGER AND/OR PREVENT COMPLETION OF INSTALLATION.

Step 1



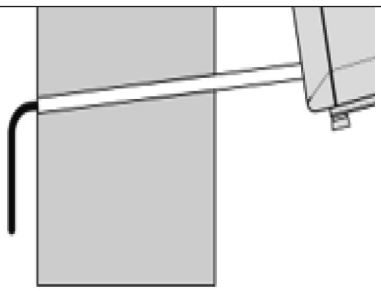
- This unit must be installed on an external wall, as it vents directly out of its rear.
- Only install the unit on a flat, solid and reliable wall. Ensure that there are no cables, pipes, steel bars or other obstructions behind the wall.
- Leave at least 10 cm of space to the left, right and base of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

Step 2



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

Step 3



- The hole for the drainage pipe must be drilled using a 25mm Drill bit. Ensure the hole is at a downward angle (min 5 degrees) so that the water will drain correctly.
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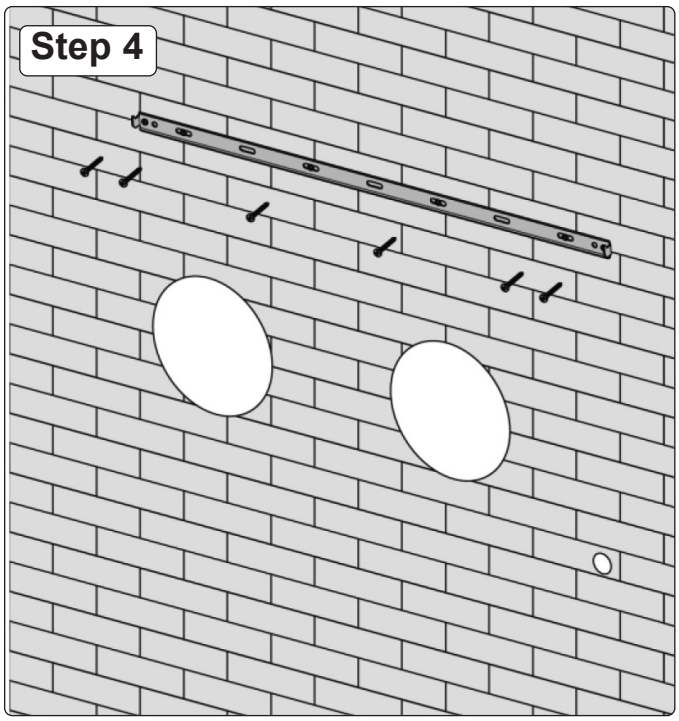
Step 4

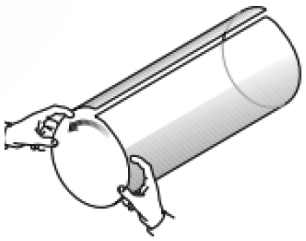


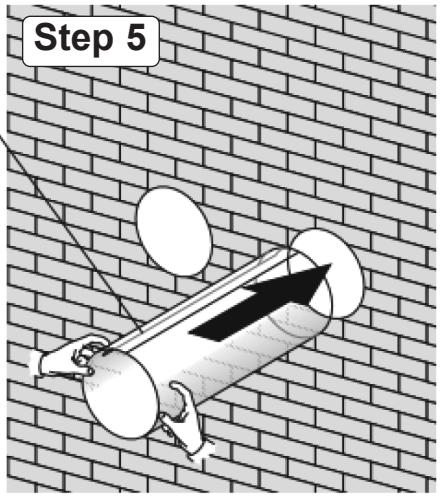
- **Note:** Method of fixing is not to depend on the use of adhesives.

- 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 hanging rail, 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 the hanging rail with the holes, and fix the rail 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 machine performs best when it is installed on a wall with a thickness not exceeding 240mm.

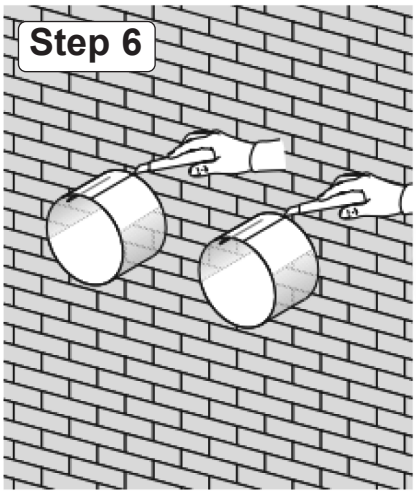
Step 5

- 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.





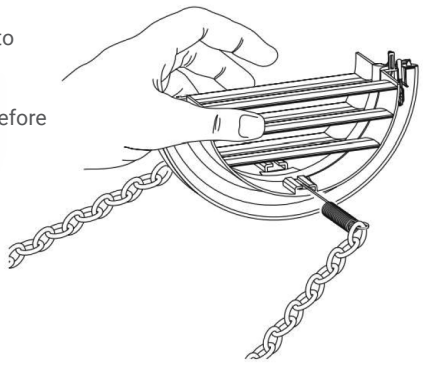
Step 6

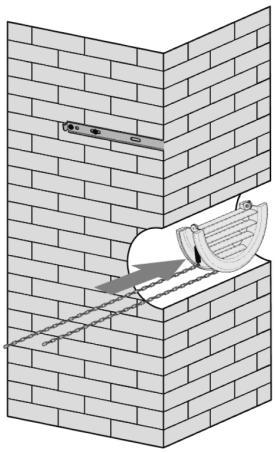


- Go outside and trim off the excess vent tube using a sharp knife, keeping the edge as neat as possible.

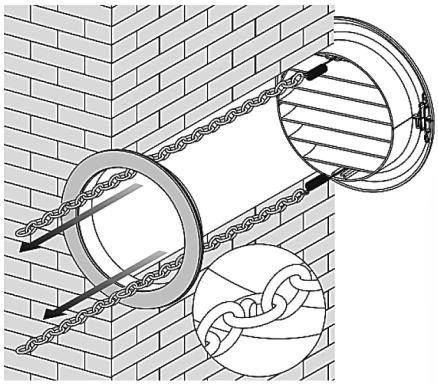
Step 7

- 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.



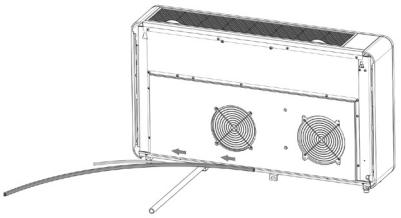


Step 8

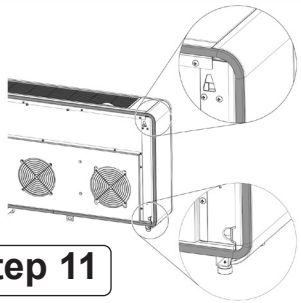


- Expand the external cover, before tightly fixing the chains by hooking onto the indoor fixing ring.
- This will hold the external cover firmly in position. Repeat for the second vent.

- Before hanging the machine on the wall, paste a sealing strip on.
- Note:1.The sealing strip should be pasted along the edge of the machine, as shown in below.
- 2. Please peel the stripping layer on the sealing strip gradually while pasting.
- 3. Paste from the bottom of the machine first.
- 4. The position of the corner should be pasted as shown on below right.
- 5. Improper pasting may cause extra noise.



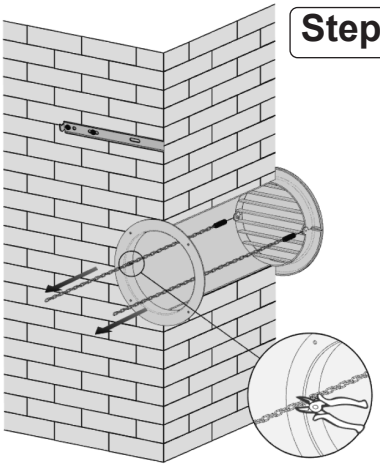
Step 10

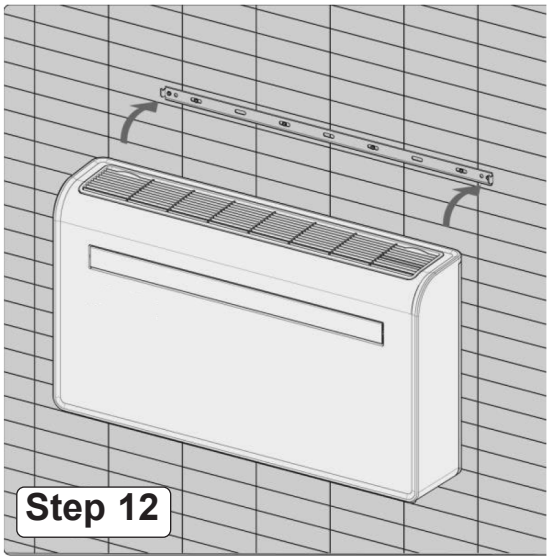


Step 11

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

Step 9

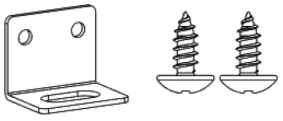




Step 12

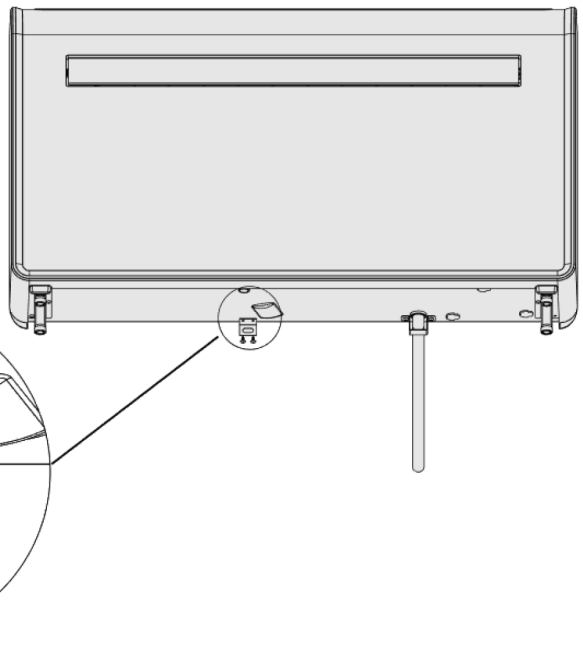
- Lift the unit onto the wall, align the hanging holes with the hooks on the hanging rail and gently rest the unit into place. At the same time, slide the drain pipe through the drainage hole. If the wireless controller (Available separately) has been purchased, it should then be installed, and connected.
-
- **NOTE**: The end of the external water pipe must be placed in an open space or drain. Avoid damage or constriction to the drainage pipe to ensure the unit drains.

Step 13

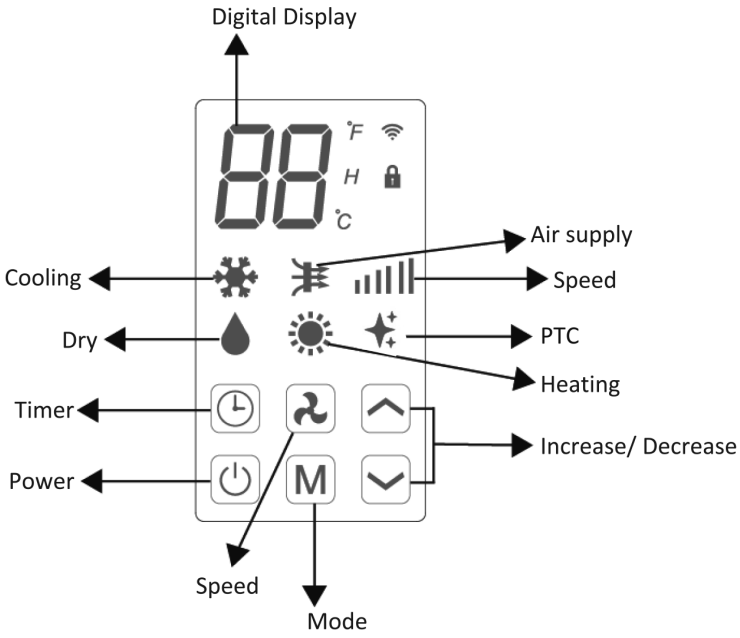


Fixed plate

4x10 tapping screw



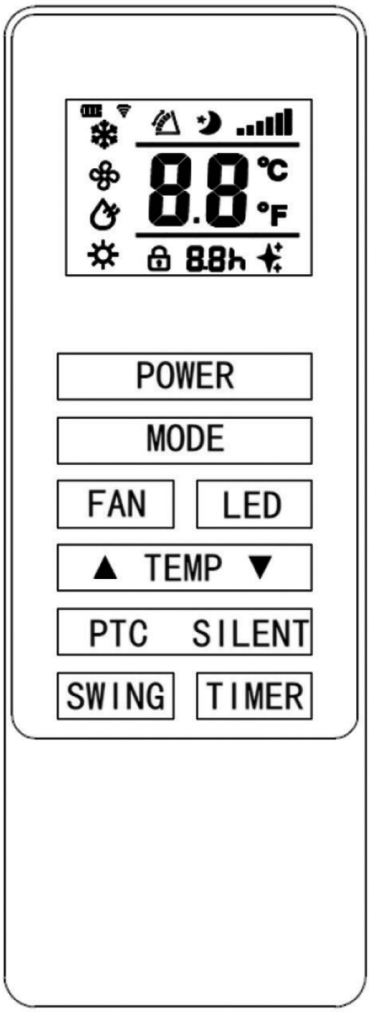
OPERATION: CONTROL PANEL



REMOTE CONTROL

- The air conditioner can be controlled with the remote control. Two AAA batteries are required.
- **NOTE:** See next page for further details of functions.

POWER	Press the POWER button to turn the machine on or off.
MODE	Press the MODE button to switch between cooling, heating, fan and dry modes.
FAN	Press the FAN button to change between high, medium and low fan speeds
LED	Press the LED button to open or close the LED light on unit, it can be a choice for sleep condition.
▲	Press the UP button to increase the desired temperature or timer duration
▼	Press the DOWN button to decrease the desired temperature or timer duration
PTC	Press it to turn PTC on or off. When PTC turned on, the display indicates , lights up on remote control at the same time; when PTC turned off, goes out on display and remote control at the same time. (only activated in heating mode)
SILENT	Press it for silent mode. When silent mode turned on, the display indicates “SL” and the lights doesn't dim out. When silent mode turned off, the lights goes out. In Silent mode, noise will be SILENT lower, fan works in low speed, frequency is low.
SWING	Press to turn the swing function on and off (Can only be activated from the remote)
TIMER	Press the TIMER button to set the timer.



FUNCTIONS

POWER		Press “POWER” to turn the unit On or Off
MODE		Press to change between the 4 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 sending warm air outside. The desired temperature can be adjusted using the increase and decrease button between 16°C and 30°C. The fan speed can also be adjusted using the speed button.
	DRY	Dry mode will extract moisture from the air, which will be drained outside using the installed drain pipe. The fan speed cannot be adjusted in dry 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 sending cool air outside. The desired temperature can be adjusted using the increase and decrease button between 16°C and 30°C. The fan speed can also be adjusted using the speed button.
	SILENT	The silent mode can be activated via APP or the remote control. It will work on its own. In cooling or heating mode, the fan speed will be low and the noise level will be lower.
FAN SPEED		Press to change the fan speed between Low, Medium and High. The fan speed cannot be adjusted in Dry or Silent modes.
TIMER		The air conditioner contains a 24 hour timer, which can be used to either set a delayed start, or a set period of operation. The timers cannot be combined, although 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 hout increments between 1 to 24 hours. When the timer has elapsed, the unit will shutdown automatically.
		DELAYED START TIMER: With the unit in 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 hout increments between 1 and 24 hours. After the timer has elapsed, the unit will start up in the same mode with the same settings as when it was turned off.
INCREASE AND DECREASE		Used within cooling and heating modes to adjust the desired room temperature. Also used while setting the timer to adjust the duration.
SWING MODE		After machine turns on, press the “SWING” button, louver will swing continuously up and down; by pressing the button again the movement will stop and the louver remain in that position. Swing mode can only be adjusted from the remote, and will initially be turned on by default.
COMPRESSOR PROTECTION		There is a 3 minutes delay on 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 you turned the unit off.

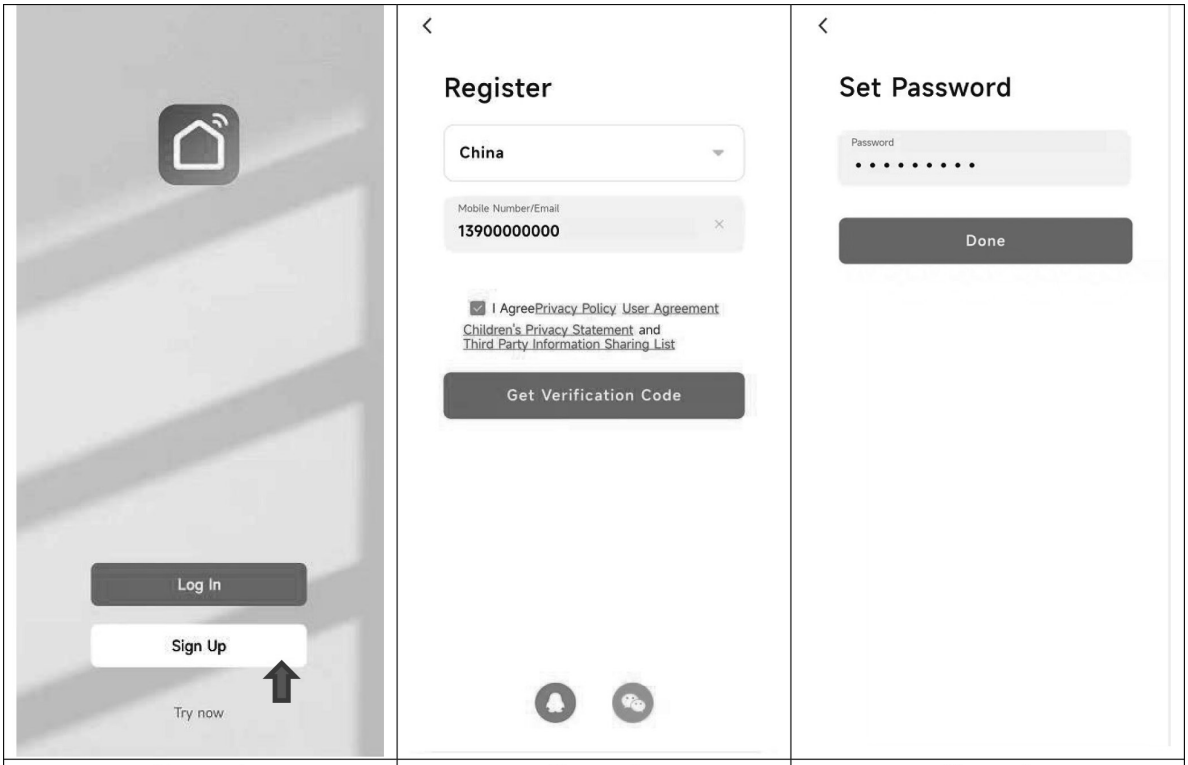
PTC electric heating function	• The unit has an additional **PTC** electric heating element. When the weather conditions outside are • bad, you can press the **PTC** button on the remote control to tum on the electric heating function to increase the heat. The heat power of the **PTC** is equal to 800W. • **PTC** turn on • 1. Only in the heating mode, press the **PTC** button on the remote control to send the tum-on command to the unit. At this time, the remote control and the unit display lights up at the same time. • 2. After the unit receives the remote control command, the system will carry out self-testing, **PTC** will work when the following points are satisfied at the same time. Otherwise, PTC cannot work: • a. Unit is in heating mode. • b. Tw<25°C (outdoor temperature keeps lower than 25°C for 10 seconds). • c. Ts-Tr≤5°C (The Set temperature is more than 5 degrees higher than the Room temperature). • d. Room temperature Tr≤18°C. • e. Coil Temperature of evaporator Te :≤48°C. • f. Compressor is keep working for 3minutes. • g. Above data is collected from 20S's continuous working. • • • 3. **PTC** will stop working when the system self- testing detects one of the following points: • a. Outdoor temperature keeps higher than 28°C for 10 seconds. • b. The room temperature is greater than the setpoint; • c. Room temperature Tr :≥0:23°C. • d. Compressor stop working. • e. The ventilation stops or the fan is faulty. • f. 4-way valve get disconnected. • g. Coil Temperature of evaporator Te ≥54°C or sensor error. • h. Unit didn't work in heating mode. • i. Unit is in defrost function. • **PTC TURN OFF** • Press the PTC button again or change to other mode to tum off PTC function, the lights on remote control and the unit display will be off at the same time. • **NOTE:** • The unit will work without PTC function as a default until the "PTC" button on remote control is pressed. If unit is turned off, the PTC setting will be cleared, it need to be set again.

WIFI SETUP AND SMART FEATURES

WIFI SETUP

BEFORE YOU START

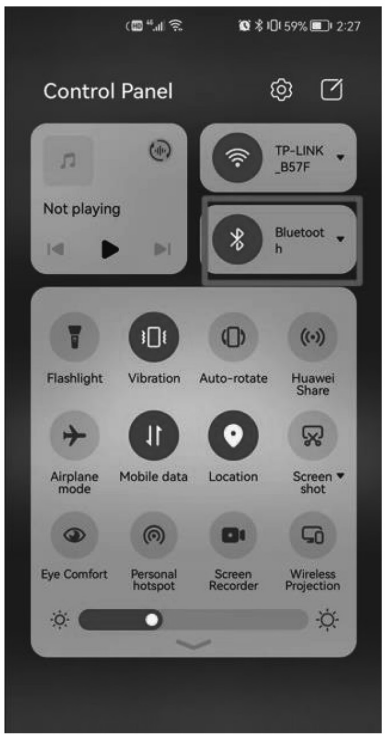
- Ensure your router provides a standard 2.4ghz connection.
- If your router is dual band ensure that both networks have different network names (**SSID**). The provider of your router/ Internet service provider will be able to provide advice specific to your router.
- Place the air conditioner as close 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**.
- **DOWNLOAD THE APP TO YOUR PHONE**
- Download the "**SMART LIFE**" app, from your chosen app store, using the **QR** codes below, or by searching for the app in your chosen store.
- **REGISTER THE APP**
- If you don't have an App account, register an account or sign in with verification code by **SMS**.
- This page describes the registration process.
- 1. Press on the "Sign Up" button at the bottom of the screen, as shown in the picture 1.
- 2. 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", as shown in the picture 2.
- 3. 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. as shown in picture 3.



Picture 1	Picture 2	Picture 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



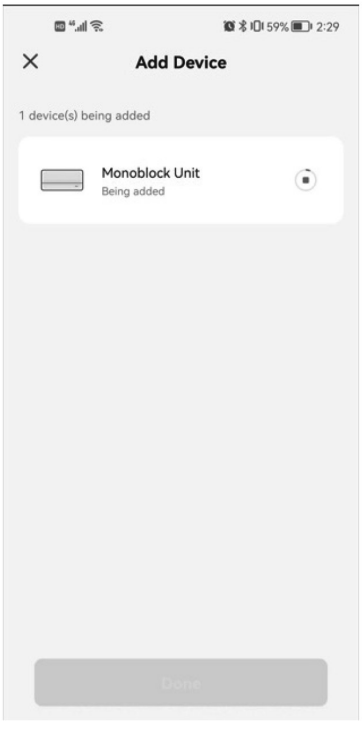
Picture 4

Picture 5

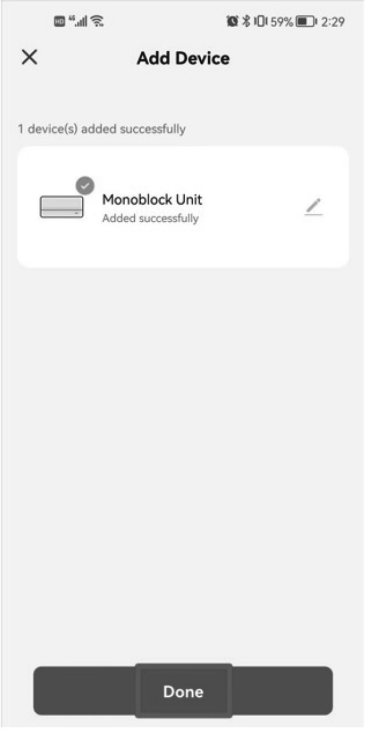
Picture 6

- **CHANGING BETWEEN CONNECTION TYPES**
- To change the unit between the two WiFi connection modes, hold the Speed button for 3 seconds.

- **CONNECTING USING BLUETOOTH & WIFI**
- Before initiating the connection, make sure the unit is in standby mode and connected to the wifi network.
- 1. Open the Bluetooth of your phone, as shown in the picture 4.
- 2. 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, as shown in the picture 5.
- 3. Enter the Wi-Fi information interface, enter the password and click “Next” to continue the operation, as shown in picture 6.
- 4. Enter the device connection interface after the progress bar is finished and the device is successfully connected, as shown in pictures 7,8,9.



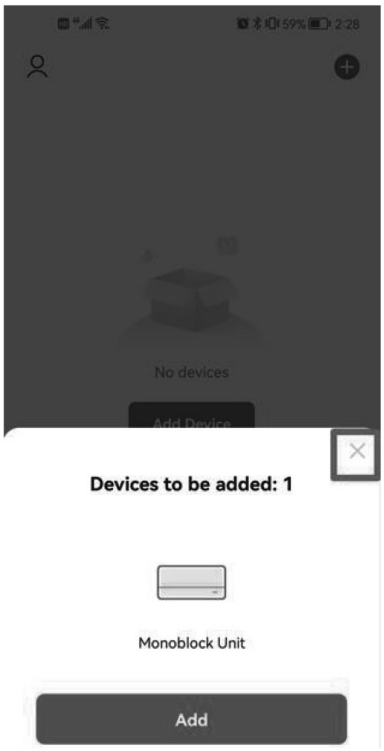
Picture 7

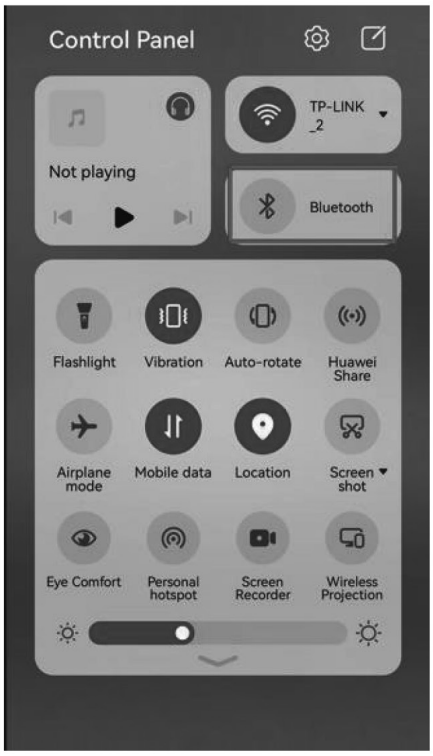


Picture 8

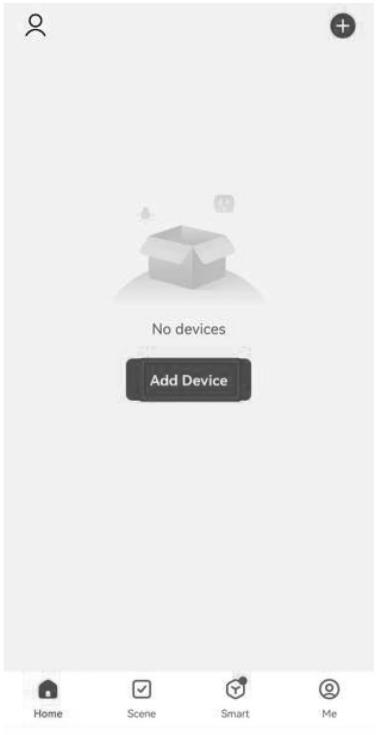
Picture 9

- If you don't want to use Bluetooth connection, just need to Exit the Bluetooth connection prompt or turn off Bluetooth and follow the below steps to connect the unit with Wifi connection.

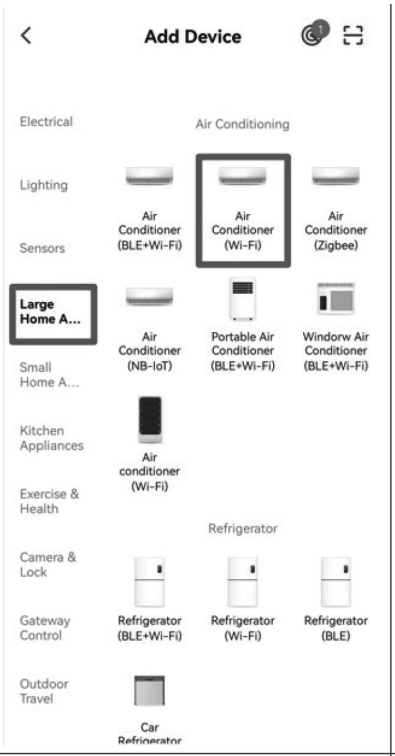




- 1. Click "Add Device" for operation, as shown in the picture 10.
- 2. Select the type of device as "Large Home Appliance", as shown in picture 11.
- 3. Connect a **WIFI** and enter the password as shown in picture 12.



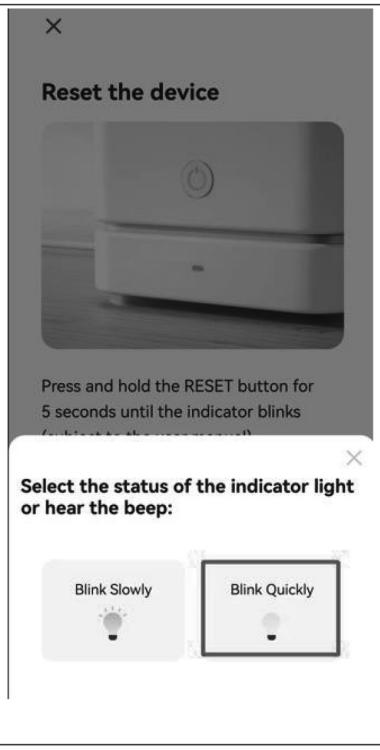
Picture 10



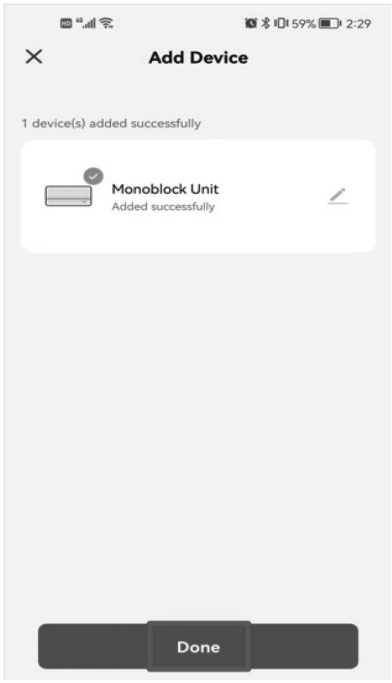
Picture 11

Picture 12

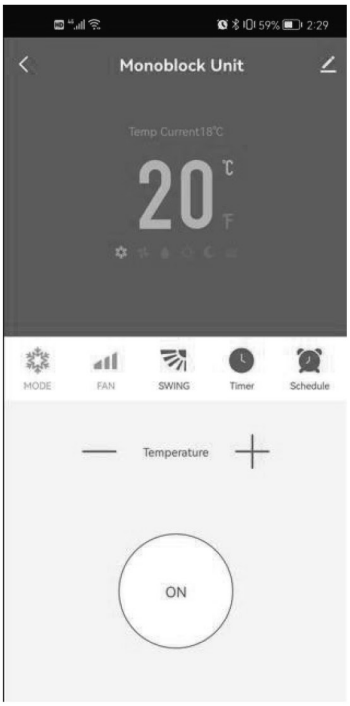
- 4. Ensure the **WIFI** light on the air conditioner is flashing twice per second, as shown in picture 13.
- 5. Enter the device connection interface after the progress bar is finished and the device is successfully connected. Click the “Done” button to enter the operation interface of the device, as shown in pictures 14,15.



Picture 13



Picture 14

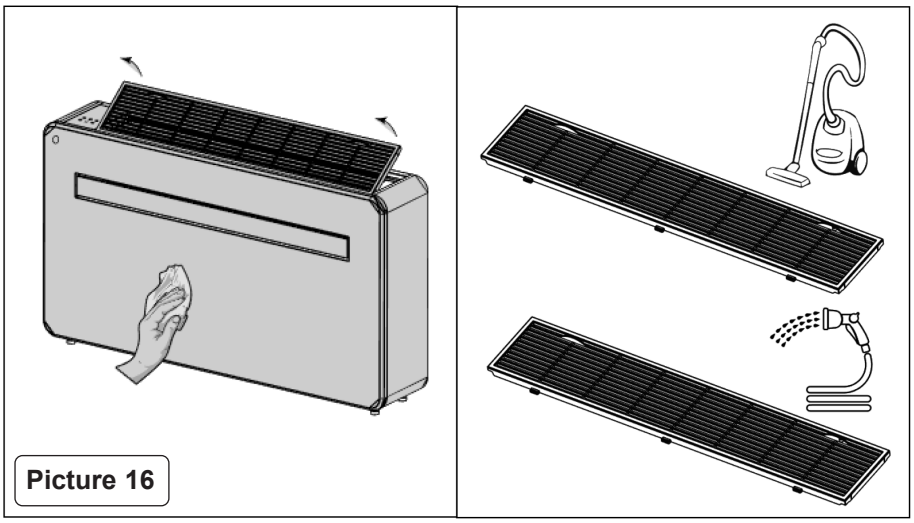


Picture 15

- Due to continuous development of the app, the layout and available features may be subject to change.

MAINTENANCE

- **WARNING**! Remove from mains supply before Maintenance undertaken. **WARNING**! 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 removing the power supply by disconnecting the circuit breaker or fuses.
- Failure to follow this warning can result in property damage, injury, and/or death.
- **DO NOT** insert hands or other objects through the air inlet during operation.
- **FILTER REMOVAL AND CLEANING** Picture 16



Picture 16

- 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.
- **Important Notes:**
- **DO NOT** open the casing to clean the interior of the unit by yourself. If internal cleaning is required, please contact professional personnel.
- 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.
- **CLEANING THE CONDENSATE DRAIN COMPONENTS**
- To ensure optimal performance and prevent the build up of bacteria or other foreign material, clean the following components at least once every six months, or more frequently if environmental conditions warrant it:
- Upper drain pan
- Lower drain pan

- Use a coil-safe drain line cleaner, to perform the cleaning safely and effectively.
- **CLEANING THE CABINET**
- When cleaning the unit cabinet, make sure to follow the steps below:
- 1. Turn off the unit, unplug the power cord, or turn off the breaker and wait one hour for the unit to cool down.
- 2. Gently wipe down the cabinet using a slightly damp cloth. Gently wipe down the return air grille using a slightly damp cloth.
- 3. Gently wipe down the supply air louvre using a slightly damp cloth.
- **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 when cleaning the louvres.
- 1. Turn off the unit, unplug the power cord, or turn off the breaker and wait one hour for the unit to cool down.
- 2. Clean off the louvres with an antibacterial and anti-fungal cleaner.
- **CLEANING THE COILS**
- Periodically (annually or semi-annually) and cleaned as necessary. Under extreme conditions, more frequent and/or **PROFESSIONAL CLEANING** may be required.
- **DO NOT** attempt to clean dirty coils yourself unless you have experience, or you may damage the coils.
- In extreme cases, dirty coils may create a fire hazard and will void the warranty.
- **Cleaning the Coils:**
- 1. Turn off the unit, unplug the power cord, or turn off the breaker and wait one hour for the unit to cool down.
- 2. Remove the cover from the front and rear of the unit to inspect the coils and base pan.
- 3. Clean of all debris (lint, dirt, leaves, paper, etc.).
- 4. Clean the coils and base pan with a soft brush and compressed air or vacuum.
- A pressure washer may also be used. However, you must be careful not to bend the aluminium fins. Do not use a caustic (harsh) coil cleaning agent on coils or the base pan. Use a biodegradable cleaning agent and degreaser. The use of harsh cleaning materials may lead to deterioration of the aluminium fins or the coil end plates.
- 5. Use a sweeping up and down motion, in the direction of the vertical aluminium fins, when pressure-cleaning coils. It is extremely important to ensure that none of the electrical and/or electronic parts of the unit get wet. Be sure to cover all electrical components to protect them from water or spray.
- 6. Replace the front and rear covers after the coils and pan have been cleaned.
- **CAUTION DO NOT ATTEMPT TO CLEAN DIRTY COILS YOURSELF UNLESS YOU HAVE EXPERIENCE, OR YOU MAY DAMAGE THE COILS.**
- **WARNING**! Electrical Shock Hazard **DO NOT** use water to clean inside the unit. Exposure to water can destroy the insulation, leading to a possible electric shock. Failure to follow this warning 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.
- Failure to follow this warning can result in property damage, injury, and/or death.
- **WARNING! FIRE HAZARD**
- To avoid property damage, clean filters and coils regularly. Clogged or severely restricted filters or coils reduce airflow, which can cause drastic efficiency loss as well as severe component damage to the compressor, electric heater, and fan motors.
- **Important Notes:**
- **DO NOT** open the casing to clean the interior of the unit by yourself. If internal cleaning is required, please contact professional personnel.
- 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.

END OF LIFE

- At the end of its useful life, this product must be recycled according to the regulations in force at the time.

TROUBLESHOOTING

- **DO NOT** repair or disassemble the air conditioner. Unqualified repair will invalidate the warranty and may lead to failure, causing injuries and property damage. Only use it as directed in this user manual and only perform operations advised here.

Problem	Reasons	Solutions
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	Only use to use the machine with a room temperature between 7 and 35°C
	In cooling mode, the room temperature is lower than the desired temperature; in heating mode, the room temperature is higher than the desired temperature.	Adjust the desired room temperaure
	In dehumidification (dry) mode, the ambient temperature is low.	Ensure that the room temperature is above 17°C for dry mode.
	There is direct sunlight.	Use curtains to reduce heat from the sun
The cooling or heating effect is poor	Doors or windows are open; there are a lot of people; or in cooling mode, there are other sources of heat (e.g. fridges)	Close doors and windows; increase air conditioning power
	The filters screen is dirty.	Clean or replace the filter screen.
	The air inlet or outlet is blocked.	Clear obstructions; make sure the unit is installed as per the instructions
The air conditioner is leaking	The unit is not straight	Use a spirit level to check the unit is horizontal, if not remove from the wall and straighen
	The drain pipe is blocked	Check the drain pipe to ensure it is not blocked or constricted.
Compressor does not work.	Overheat protection operational	Wait for 3 minutes until the temperature is lowered, and then restart the machine.
The remote control does not work.	The distance between the machine and the remote control is too far.	Let the remote control get close to the air conditioner, and make sure that the remote control directly faces to the direction of the remote-control receiver.
	The remote control is not aligned with the direction of the remote-control receiver.	
	Batteries are dead.	Replace batteries.

ERROR CODES

Fault Code	Fault Description	Fault Code	Fault Description
F1	Compressor IPM error	FE	EE error(outdoor)
F2	PFC/IPM error	PA	Return air sensor temperature abnormal protection
F3	Compressor start error	P1	Over-heat protection on top of compressor
F4	Compressor running out of step	PE	Abnormal refrigerant circulation
F5	Location detection loop failure	PH	Exhaust temperature protection
FA	Phase current overcurrent protection	PC	Coil tube overload protection(outdoor)
P2	Dc bus voltage Undervoltage protection	E3	DC fan Feedback failure(indoor)
E4	Communication error(indoor and outdoor)	P6	Coil tube overload protection(indoor)
F6	PCB communication error	P7	Defrost protection on coil tube(indoor)
P3	AC Input voltage protection	E2	Sensor error on indoor coil tube
P4	AC over-current protection	E1	Temperature sensor error(indoor)
P5	AC undervoltage protection	P8	Zero-crossing fault detection(indoor)
F7	Coil sensor error(outdoor)	EE	EE error(indoor)
F8	Sensor on suction pipe error	E5	Water-splash motor error
E0	Sensor on discharge pipe error	E8	Fan feedback fault
E6	Temperature sensor error(outdoor)	FL	Water-full protection
E7	Fan motor error(outdoor)	EA	Reversing fault of four-way valve
Eb	Fluoride deficiency protection		

Environment Protection and Waste Protection and Electrical Equipment Regulations (WEEE)

Recycle unwanted packaging materials. When this product is no longer required, or has reached the end of it's useful life, please dispose of it in an environmentally friendly way. Drain any fluids (if applicable) into approved containers, in accordance with local waste regulations. Under the Waste Batteries and Accumulators Regulations 2009, Dellonda would like to inform the user that this product contains one or more batteries. It is our policy to continually improve products and we reserve the right to alter data, specifications and parts without prior notice. No liability is accepted for incorrect use of this product. Guarantee is 12 months from purchase date, proof of which is required for any claim.

Jack Sealey Ltd t/a Baridi, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR UK
Jack Sealey (EU) Ltd t/a Baridi, Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
Tel: 01284 757575 • **Email:** support@baridi.co.uk • **Web:** www.baridi.co.uk

Product Information Sheet. Air Conditioners.

SUPPLIER_NAME_OR_TRADEMARK	Sealey EU Ltd.
DELEGATED_ACT	206/2012/EU
MODEL_IDENTIFIER	DH432

4-in-1 Smart Monobloc Wall-Mount Air Con Unit 10,000Btu/hr

ADDRESS	Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
PHONE_NUMBER	01284 757 500
EMAIL_ADDRESS	TechnicalCompliance@sealey.co.uk

Parameter	Verification tolerances
Rated Capacity for cooling kW	2.9
Rated capacity for heating kW	2.6
Power input for cooling kW	0.7
Power input for heating kW	0.7
Rated Energy efficiency ratio	2.7
Rated coefficient of performance	3.7
Power consumption in thermostat-off mode W	0
Power consumption in standby mode W	
Electricity consumption of single duct appliances kWh/h Cooling	1.0
Electricity consumption of single duct appliances kWh/h Heating	NA
Electricity consumption of double duct appliances kWh/a Cooling	1
Electricity consumption of double duct appliances kWh/a Heating	1
Sound power level LWA dB	58
Global warming potential GWP kg	3

Suppliers website	https://www.sealey.co.uk/

Product Information Sheet. Air Conditioners.

SUPPLIER_NAME_OR_TRADEMARK	Sealey EU Ltd.
DELEGATED_ACT	206/2012/EU
MODEL_IDENTIFIER	DH433

4-in-1 Smart Monobloc Wall-Mount Air Con Unit 12,000Btu/hr

ADDRESS	Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
PHONE_NUMBER	01284 757 500
EMAIL_ADDRESS	TechnicalCompliance@sealey.co.uk

Parameter	Verification tolerances
Rated Capacity for cooling kW	3.3
Rated capacity for heating kW	2.8
Power input for cooling kW	0.8
Power input for heating kW	0.8
Rated Energy efficiency ratio	2.3
Rated coefficient of performance	2.3
Power consumption in thermostat-off mode W	0
Power consumption in standby mode W	
Electricity consumption of single duct appliances kWh/h Cooling	1.3
Electricity consumption of single duct appliances kWh/h Heating	NA
Electricity consumption of double duct appliances kWh/a Cooling	1
Electricity consumption of double duct appliances kWh/a Heating	1
Sound power level LWA dB	60
Global warming potential GWP kg	3

Suppliers website	https://www.sealey.co.uk/